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का
शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

15TH MARCH, 2013

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**THE PATENT OFFICE
KOLKATA, 15/03/2013**

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:-

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

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

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

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

पेटेंट कार्यालय
कोलकाता, दिनांक 15/03/2013
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.

CORRIGENDUM

The name of the Applicant in Grant Notification of Patent No. 240912 for Patent Application No. 66/KOL/2003 was inadvertently published as 'TSAI, CHONG-SHIEN' in page no. 15798 of the Official Journal No 24/2010 dated 11/06/2010 which should be read as 'EARTHQUAKE PROTECTION SYSTEMS, INC.'.

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.1534/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :18/05/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR OPTIMIZING BANDWIDTH EFFICIENCY IN A WIRELESS COMMUNICATION NETWORK

(51) International classification

:H04N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)**Name of Applicant :**

1)Ameet Sharrma

Address of Applicant :66 East Friends Colony New Delhi -
110065 India.

(72)**Name of Inventor :**

1)Ameet Sharrma

(57) Abstract :

The present disclosure provides a method and system for increasing the bandwidth efficiency in a network. The system includes a signal control unit, a memory unit and a signal processing unit. The signal control unit controls the on-air tasks/operations. The memory unit stores and recalls data associated with the one or more services/tasks/operations as captured by the said signal control unit. Thereafter, the signal processing unit processes short data trigger pulse to accomplish the operations between handset and network provider/operator. The operations that are currently carried out while being connected and thus continuously consuming on-air or air interface or wireless network bandwidth, are modified to reside in the handsets and operated by short switching data pulses in the non-continuous bandwidth that uses fraction of the bandwidth.

No. of Pages : 63 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.178/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : DESICCANT BASED HONEYCOMB CHEMICAL FILTER AND METHOD OF MANUFACTURE 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)DESICCANT ROTORS INTERNATIONAL PVT. LTD.

Address of Applicant :20, RAJPUR ROAD, DELHI-110054,

INDIA

(72)Name of Inventor :

1)PAHWA, DEEPAK

2)CHOUDHARY, ANIL, KUMAR

(57) Abstract :

The present invention relates to a chemical filter for removal of contaminants from air present in industrial or domestic environments. The contaminants to be removed are typically gaseous contaminants but can also comprise contaminants in the form of fine liquid droplets which are not easily removable by conventional means.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3634/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :27/11/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : RAPID SYNTHESIS OF PLATINUM NANOPARTICLES FROM ASPERGILLUS FLAVUS TFR12

(51) International classification	:C12P	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF MEDICAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAWAN DR. RAJENDRA
(33) Name of priority country	:NA	PRASAD ROAD, NEW DELHI-110001 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)J.C. TARAFDAR
(87) International Publication No	: NA	2)RAMESH RALIYA
(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 rapid, environmentally benign and low cost synthesis of platinum nanoparticles. The method comprises incubation of cell free filtrate of extracellular fungal secrets with an aqueous solution of precursor salt solution.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3735/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DEVICE AND METHOD FOR MOISTURE CONTROL

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BRY AIR [ASIA] PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :20, RAJPUR ROAD, DELHI - 110 054,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PAHWA, DEEPAK
(87) International Publication No	:NA	2)GRIFFITHS, WILLIAM CHARLES
(61) Patent of Addition to Application Number	:NA	3)SAMMARTINI, MARCO
Filing Date	:NA	4)SACHDEV, RAJAN
(62) Divisional to Application Number	:NA	5)SINGH, KULDEEP
Filing Date	:NA	

(57) Abstract :

The present invention relates to a device and to a method for moisture control using real time measurement of the moisture content of the material being processed. One embodiment of the invention comprises an apparatus for direct control of a drying process based on real-time measurement of the moisture content of the material being dried. The invention also provides a method for direct control of such drying processes. The present invention also provides a device where the moisture content of a product that is being processed can be modified at differing points of time/location in the process stream depending on specific moisture requirements at such time/position, based on real time measurement of the moisture content therein.

No. of Pages : 46 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.664/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : BEARING SPACER

(51) International classification

:F01D25/06

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

(71)Name of Applicant :

1)INNOVENTIVE INDUSTRIES LTD

Address of Applicant :GAT NO. 1261, SANASWADI, PUNE

NAGAR ROAD, TAL.-SHIRUR, DIST.-PUNE 412208

Maharashtra India

(72)Name of Inventor :

1)DEVDATTA RATNAKAR

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.663/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD OF PRODUCING BI-METAL (FERROUS / NON-FERROUS) TUBE

(51) International classification	:B21C23/22	(71) Name of Applicant :
(31) Priority Document No	:NA	1)INNOVENTIVE INDUSTRIES LTD
(32) Priority Date	:NA	Address of Applicant :GAT NO. 1261, SANASWADI, PUNE
(33) Name of priority country	:NA	NAGAR ROAD, TAL.-SHIRUR, DIST.-PUNE 412208
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:N/A	1)DEVDATTA RATNAKAR
(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 : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.648/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/02/2013

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MANUFACTURING HOLLOW BODIES

(51) International classification	:B28B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAKROCAST PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :R.S. NO-612/2AB, ZILLAPARISHED
(33) Name of priority country	:NA	ROAD, KOLAVENNU(P), KANKIPADU MANDAL,
(86) International Application No	:NA	KRISHNA DIST - 521 153 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KIRAN BABU PALLAGANI
(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 method for manufacturing hollow bodies like cylinder liner for an engine block by means of centrifugal casting technique. The method comprising inserting one or more cores within die sleeve of die assembly; cleaning the die assembly with air when it is rotating; pouring centrifugally casting material through an orifice provided in front door of the die assembly and simultaneously cooling the casted material and removing the casted liner and cleaning the die assembly for each cycle. The core with a hole in its center is co-axially inserted within the die sleeve through its cylindrical outer portion forming external shape of the liner. The insertion of the core eliminates direct contact of casting material with the die thereby eliminating the requirement of pre-heating of the die. The die sleeve is provided with excess recess to accommodate another core forming internal shape of the liner resulting in profiled cylinder liner.

No. of Pages : 25 No. of Claims : 18

(54) Title of the invention : THE STUDY OF MOLECULAR INTERACTION IN MIXTURES OF BIODEGRADABLE PLASTIC MATERIAL

(51) International classification	:C08K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)S. JAYAKUMAR
(32) Priority Date	:NA	Address of Applicant :ASSOCIATE PROFESSOR,
(33) Name of priority country	:NA	DEPARTMENT OF PHYSICS R K M VIVEKANANDA
(86) International Application No	:NA	COLLEGE, P S SIVASAMI SALAI, MYLAPORE, CHENNAI -
Filing Date	:NA	600 004 Tamil Nadu India
(87) International Publication No	: NA	2)R. KAVITHA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)S. JAYAKUMAR
(62) Divisional to Application Number	:NA	2)R. KAVITHA
Filing Date	:NA	

(57) Abstract :

To improve some of the properties of the plastic, the biopolymer may be modified and blended with additives such as plasticizer and stabilizer, making the material fully biodegradable, renewable source and non toxic. Once the material is discarded, oxidative degradation is initiated by either heat or UV light, in the presence of oxygen. Metals are frequently used to promote oxidation and degradation products are more water soluble, which improves biodegradability. If the physical interaction is less among the mixtures, it promotes degradation easily. Since polymers lose stabilizers every time they are reprocessed, it is a good practice to add new stabilizers each time, whether the feedstock contains biodegradable plastic or not. If suitably formulated, the stabilizers will also neutralize any pro-oxidant which may be still being effective. In combination of stabilizer and plasticizer, it provides stabilizing and plasticizing effect in biodegradable plastics. So it is important to study the molecular interaction among the mixtures in the material, such that the parameters obtained in the present study will be useful in the manufacturing technique of biodegradable plastics. The present investigation measures ultrasonic velocity, density and viscosity in the binary mixtures containing stabilizers (zinc stearate and calcium stearate) and plasticizer (ethylene glycol) at 303 K. The ultrasonic velocity data and other thermo - acoustic parameters give valuable information to understand the solute - solvent interactions in the binary mixtures. The ultrasonic and computational studies on intermolecular association exist through hydrogen bonding between stabilizers and plasticizer. This is due to the presence of ester group in stabilizers and two hydroxyl groups in ethylene glycol molecule of plasticizer. The gradual increase of sound absorption with ethylene glycol concentration strongly supports the intermolecular association through hydrogen bonding between the solute and solvent molecules. This may be explained as follows, as concentration of plasticizer increase, hydroxyl group in glycol increases. Hence, as the sound wave passes, more sound energy has to be utilized to break the large number of intermolecular hydrogen bonds. The molecules of ethylene glycol may break the structure of stearates and forms intermolecular hydrogen bonds among the components. Consequently stronger viscous forces are predominantly present between solute - solvent and solvent - solvent molecules. It may be suggested that the strength of interactions between aliphatic molecules are less. In Ca. St - EG system, maximum molecular interaction is observed. It predicts the disruption of like forces in ethylene glycol and association of both components occurs partially. Comparatively in Zn. St - EG system shows only weak physical attraction. In comparison among stearates, molecular interaction is greater with calcium stearate than zinc stearate. On the addition of stearate to ethylene glycol, the molecular interaction follows the order Ca.St-EG>Zn.St-EG From the computed data, standard relations like Impedance relation, Nomoto relation, Van Dael and Vangeel and Junjie theory are calculated. The greater negative deviation values in Van Dael and Vangeel and Junjie relation confirm the existence of strong molecular interaction between stabilizers and plasticizers. The deviation factor confirms the presence of molecular interaction among the mixtures.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4322/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/10/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : PROCESS FOR PREPARING PEMETRXED DI POTASSIUM AND ITS HYDRATES

(51) International classification	:A61K31/33, C07D	(71)Name of Applicant : 1)SHILPA MEDICARE LIMITED Address of Applicant :2ND FLOOR, 10/80, RAJENDRA GUNJ, RAICHUR Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SHRAWAT, VIMAL KUMAR
Filing Date	:NA	2)RAFIUDDIN
(87) International Publication No	: NA	3)SINGH, VINOD KUMAR
(61) Patent of Addition to Application Number	:NA	4)PIPAL, BHAGAT RAJ
Filing Date	:NA	5)CHATURVEDI, AKSHAY KANT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides Di potassium (S)-2-(4-(2-(2-amino-4-oxo-4,7-dihydro-3H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl)benzamido) pentanedioate (I) and its hydrates useful as active pharmaceutical ingredient in pharmaceutical compositions for the treatment cancer. The present invention also provides process for preparation thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.820/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013

(43) Publication Date : 15/03/2013

(54) Title of the invention : NON-CORROSIVE PANEL MOUNING STRUCTURE (NCPMS)

(51) International classification	:F24J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)A.S.M. KARTHIC KUMAR. B.E.
(32) Priority Date	:NA	Address of Applicant :#C/99, SELVI JAYAKUMAR
(33) Name of priority country	:NA	STREET, GOLDEN GEORGE NAGAR, CHENNAI - 600 107
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)A.S.M. KARTHIC KUMAR. B.E.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The reinforced cement concrete structures used to mount the Solar Panels have a minimum life span of thirty years. The entire size of the Non-Corrosive Panel Mounting Structure can be easily altered to mount various size of Solar Panels available in the market. The size of the columns, cross beams and mounting beams are fabricated such that they can be easily handled manually without the necessity of heavy earth moving equipments. This Non-Corrosive Panel Mounting Structure is robust, rugged, self sustaining, ballast type and can be constructed at a cost less than conventional Steel mounting structures. Since the life of solar panels are nearly twenty five years, Non-Corrosive Panel Mounting Structure having a minimum life span of thirty years is a boon to the Solar Power Production Industry.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/02/2012

(21) Application No.768/CHE/2012 A

(43) Publication Date : 15/03/2013

(54) Title of the invention : WIRELESS BATTERY MONITORING SYSTEM

(51) International classification	:H02J, H04L	(71) Name of Applicant : 1)GREEN ARK ENERSOL PVT LTD
(31) Priority Document No	:NA	Address of Applicant :PLOT NO 243 PRASHASAN NAGAR
(32) Priority Date	:NA	ROAD NO 72 JUBILEE HILLS HYDERABAD 500033 Andhra
(33) Name of priority country	:NA	Pradesh India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PRASHANTH NARAYANA
(87) International Publication No	: NA	2)SIVA JANARDHAN MARRAPU
(61) Patent of Addition to Application Number	:NA	3)NARENDRA KALE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wireless battery monitoring system comprises of ; a plurality of wireless battery monitoring devices (220) connected to the terminals of batteries of the battery bank (200) ; a data aggregator (290) having a GSM RF antenna (270) and a RF antenna (280) which is capable of wirelessly communicating with central server (330) and wireless battery monitoring device (220) and capable of collecting, receiving, storing, analyzing, displaying and further transmitting data over the cellular communication network. Provision exists for a mobile phone (320) and a central server (330) to wirelessly communicate with wireless data aggregator (290). Further it has a power plant (310) connected to the load (300) capable of converting AC to DC voltage for charging the battery bank (200) and supplying to the load (300).This device is capable of hosting a program with embedded logic / software to act independently based on limits set and thresholds programmed to monitor and analyze the health of the battery banks.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.231/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :17/01/2013

(43) Publication Date : 15/03/2013

(54) Title of the invention : MODIFIED REUSABLE SAFETY SYRINGE WITH DISPOSABLE VIAL NEEDLE AND PLUNGER CATRIDGE

(51) International classification	:A61M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. ANAN JAISWAL
(32) Priority Date	:NA	Address of Applicant :ROOM NO. 307, HOTEL SURYA,
(33) Name of priority country	:NA	HAMPANKATTA, MANGALORE 575 001 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. ANAN JAISWAL
(87) 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 modified syringe capable of being assembled using a reusable barrel with plunger, modified disposable luer slip needle and disposable vial with drug or vaccine capable of being sold independently for preventing reuse of syringe, reduce the cost of drug and use of plastic.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4422/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :25/10/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : CRYSTALLINE PEMETREXED DIPOTASSIUM PROCESS

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHILPA MEDICARE LIMITED
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, 10/80, RAJENDRA
(33) Name of priority country	:NA	GUNJ, RAICHUR Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHRAWAT, VIMAL KUMAR
(87) International Publication No	: NA	2)RAFIUDDIN
(61) Patent of Addition to Application Number	:NA	3)SINGH, VINOD KUMAR
Filing Date	:NA	4)PIPAL, BHAGAT RAJ
(62) Divisional to Application Number	:NA	5)CHATURVEDI, AKSHAY KANT
Filing Date	:NA	

(57) Abstract :

The present invention provides crystalline pemetrexed dipotassium hemiheptahydrate (I) - characterized by X-ray powder diffraction pattern comprising at least 5 characteristic 20°peaks selected from the XRPD peak set of 5.00,13.70,14.90, 15.20,16.90, 20.00, 20.50, 21.40,23.6, 24.2,25.10, 27.5 and 28.30 ± 0.20 29°, DSC isotherm comprising the endothermic peaks ranging between 72 to 82°C (Peak -1), 92 to 102°C (Peak -2), 122 to 132°C (Peak -3), 250 to 260°C (Peak -4), and IR absorption characteristic peaks at approximately 2936 cm⁻¹, 2857 cm⁻¹, 1396 cm⁻¹,1184 cm⁻¹,1158 cm⁻¹, 1092 cm⁻¹, 1076 cm⁻¹, 819 cm⁻¹ and 788 cm⁻¹ useful as active pharmaceutical ingredient in pharmaceutical compositions for the treatment cancer. The invention also provides process for preparing pemetrexed dipotassium hemiheptahydrate (I) and its pharmaceutical composition thereof.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.778/CHE/2013 A

(43) Publication Date : 15/03/2013

(54) Title of the invention : FLOUR MIXING MACHINE AND THE PROCESS THEREOF

(51) International classification	:A21D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)R. SARAVANAN
(32) Priority Date	:NA	Address of Applicant :41, GANGA NAGAR, LAYOUT,
(33) Name of priority country	:NA	CHENNAI - 600 083 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)R. SARAVANAN
(87) 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 a Flour mixing machine and in particular, this invention relates to Flour mixing machine and particularly to that type of machine used for mix proper content of water with flour to get better taste either of Parotta, Chapati, Roti, etc. More particularly, this present invention relates to the Flour mixing machine which can be used in Oil or Dalda Mixing with Flour for proper mixing. Furthermore, this invention also relates to a Flour mixing machine which has the beneficial effects of having high automation degree and high production efficiency, saving manpower cost, reducing labor intensity, and having safety and reliability in production.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4547/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :01/11/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : CRYSTALLINE PEMETREXED DIPOTASSIUM COMPOSITION

(51) International classification	:A61K31/00, C07D	(71) Name of Applicant : 1)SHILPA MEDICARE LIMITED Address of Applicant :SHILPA MEDICARE LIMITED, 2ND FLOOR, 10/80, RAJENDRA GUNJ, RAICHUR Karnataka India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)PRADEEP SHIVAKUMAR
(33) Name of priority country	:NA	2)CHATURVEDI; AKSHAY KANT
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 application provides pharmaceutical composition/s comprising pemetrexed dipotassium hydrate and its uses thereof. The invention also provides process for preparing lyophilized compositions of pemetrexed dipotassium hemiheptahydrate.

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

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.1535/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :30/05/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A METHOD OF USING FUEL IN TRANSPORTATION MEANS FOR REDUCTION OF FUEL CONSUMPTION AND CARBON EMISSION

(51) International classification	:F01L	(71) Name of Applicant :
(31) Priority Document No	:NA	1)WEN-CHEN WU
(32) Priority Date	:NA	Address of Applicant :4F., NO. 1, LANE 111, NANSHAN
(33) Name of priority country	:NA	RD., ZHONGHE DIST., NEW TAIPEI CITY 235, TAIWAN,
(86) International Application No	:NA	R.O.C. Taiwan
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)WEN-CHEN WU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of using fuel in transportation means comprises: (a) providing a heat treatment unit in the transportation means, the heat treatment unit including a through pipe provided with an inlet and an outlet at two end thereof; (b) providing a heat source for the heat treatment unit capable of supplying the through pipe with heat; (c) connecting a fuel tank of the transportation means to the inlet of the through pipe in the heat treatment unit; and (d) connecting an engine of the transportation means to the outlet of the through pipe in the heat treatment unit; whereby fuel contained in the fuel tank is fed through the heat treatment unit to enter the engine, the fuel can be vaporized in the through pipe by the heat source before entering the engine to facilitate fuel vaporization so that fuel consumption and carbon emission can be reduced.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.241/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : FILTER ELEMENT AND FILTER

(51) International classification

:B01D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)YUEN CHENG KIAT

Address of Applicant :37 JALAN PEMIMPIN #06-04 UNION
INDUSTRIAL BUILDING SINGAPORE 577177 Singapore

(72)Name of Inventor :

1)YUEN CHENG KIAT

(57) Abstract :

Open a cleaner element of this invention, including those equipped with inlet and out the mouth of Shell Oil, as described within the shell along the inlet - the order to fill out the direction of the oil port is equipped with layers of cotton blankets, block raw layers of cotton and paper filters. In addition, the present invention also provides a filter, which includes the filter filter. The present invention provides a filter cartridge and filter, which filters high precision, without causing an early abrasion and blocking filter paper, which can extend filter life.

No. of Pages : 6 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2626/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MANUFACTURING METHOD OF GRAIN-ORIENTED ELECTRICAL STEEL SHEET

(51) International classification	:H01S	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NIPPON STEEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :6-1, MARUNOUCHI 2-CHOME,
(33) Name of priority country	:NA	CHIYODA-KU TOKYO 1008071, JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)YOSHIYUKI USHIGAMI
(87) International Publication No	:NA	2)ISAO IWANAGA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A holding time when a finish-annealed steel sheet is exposed to an atmosphere after finishing finish annealing until performing powder removing, and humidity of the atmosphere to which the finish- annealed steel sheet is exposed are controlled to satisfy a predetermined condition, and thereby it is designed such that an conductive coarse aggregate with a diameter of several dozen micrometers of an annealing separating agent having MgO as its main component does not remain on the surface of a glass film and an insulating coating film is uniformly coated on the glass film.

No. of Pages : 33 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2627/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MANUFACTURING METHOD OF GRAIN-ORIENTED ELECTRICAL STEEL SHEET TREATING METHOD OF STEEL STRIP , AND NITRIDED STEEL STRIP

(51) International classification	:H01S
(31) Priority Document 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)NIPPON STEEL CORPORATION
Address of Applicant :6-1, MARUNOUCHI 2-CHOME,
CHIYODA-KU, TOKYO 100-8071 JAPAN
(72)**Name of Inventor :**
1)YOSHIYUKI USHIGAMI

(57) Abstract :

In a nitriding treatment, while running a steel strip, annealing is performed at a temperature of 700°C to 1000°C in gas containing ammonia, and next cooling is performed. An average cooling rate in a temperature range of 700°C to 200°C in the cooling is set to 5°C/s or more.

No. of Pages : 38 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2629/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : IMPROVED METHOD AND APPARATUS FOR CONTROL OF SOLID DESICCANT DEHUMIDIFIERS

(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 :

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Address of Applicant :20, RAJPUR ROAD, DELHI - 110 054,
INDIA

(72)Name of Inventor :

1)PAHWA, DEEPAK

2)GRIFFITHS, WILLIAM, CHARLES

3)SACHDEV, RAJAN

4)MALIK KULDEEP, SINGH

(57) Abstract :

The present invention relates generally to desiccant dehumidifiers. In particular, the present invention relates to solid desiccant dehumidifiers which use a rotor (commonly called a wheel) to dehumidify a process airstream. Dehumidification is a process of removing moisture from air. There are several known methods of dehumidifying air. However, two commonly used methods use refrigeration and desiccants. In the refrigeration based dehumidification method, moisture is made to condense over a cooling coil, thereby removing moisture from an air stream passing over the cooling coil. In the desiccant based dehumidification, the process employed is one of absorption or adsorption. In absorption, either liquid or solid desiccants are used, whereas for adsorption, solid desiccants like silica gel, activate alumna, molecular sieve etc. are used.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.139/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :20/01/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PROCESS FOR PRODUCTION OF CELLULASE AND PECTINASE FROM HERBAL INDUSTRY RESIDUE

(51) International classification

:C12N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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2)AYURVET LIMITED

(72)Name of Inventor :

**1)MAMTA KUMARI
2)SUDHIR KUMAR
3)RAJINDER SINGH CHAUHAN
4)K. RAVI KANTH**

(57) Abstract :

The invention relates to a process of the co-production of two commercially important enzymes cellulase and pectinase (without the requirement any co-culture whatsoever) from herbal industry residue which comprises of inoculating and growing *Trichoderma reesei* MTCC 164 procured from IMTECH Chandigarh in a sterilized medium containing herbal industrial residue and a moistening agent at a pH between 3 to 7 and incubating at a temperature in the range of 28-32° C for 24-120 hr, separating the filtrate by known methods.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2617/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : A METHOD OF ISOLATION OF EXTRACT OF GENIOSPORUM PROSTRATUM (L) BENTH AND ITS ANTIMICROBIAL AND ANTIACNE ACTIVITY

(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)VIPIN SAINI

Address of Applicant :MM COLLEGE OF PHARMACY,
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MULLANA, AMBALA (HARYANA)-133207 Haryana India

2)GAURAV SHARMA

(72)Name of Inventor :

1)VIPIN SAINI

2)GAURAV SHARMA

3)RANDHIR DAHIYA

4)SUMEET GUPTA

5)VICHTRA KAUSHIK

6)VARUN SINGH BHATI

7)RAVDEEP SAINI

(57) Abstract :

Present study was designed to investigate the antimicrobial and antiacne activity of chloroform extract of Geniosporum Prostratum (L) Benth. Plant Geniosporum prostratum was collected from Cheranmadevi , Tirunelveli district, Tamil Nadu and identification was done by Botany central council for Reserch in Ayurveda & Siddha Govt, of India .The leaves were air-dried and ground into powder and chloroform extract was prepared. Phytochemical studies were carried out and antimicrobial anti acne activity was carried out by using S. Aureus and E. Coli. 500 mg/kg and 1000 mg/kg was employed for the antibiotic and antiacne activity. From the Pharmacological and Phytochemical screening of crude extract of Geniosporum Prostratum (L) Benth it was concluded that chloroform extract of whole plant of Geniosporum Prostratum have three chemical compound B-sitosterol, Ursolic acid, 5-O-desmethylnobiletin and chloroform extract was found to have significant anti microbial and anti acne toprotactive activity.

No. of Pages : 21 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A NOVEL BIOACTIVE COMPOUND ISOLATED FROM THE ROOTS OF TAGETUS MINUTA AGAINST PARTHENIUM HYSTEROPHORUS L. AND A NATURAL HERBICIDE PREPARED THEREFROM

(51) International classification	:A61K	(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 201303, UP, INDIA Uttar
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)RITI THAPAR KAPOOR
(61) Patent of Addition to Application Number	:NA	2)ASHWANI K. SRIVASTAVA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel bioactive compound isolated from the roots of Tagetus minuta against Parthenium hysterophorus L. and a natural herbicide prepared therefrom. Different phytochemical screening of the root extracts of Tagetus minuta indicates the presence of different active ingredients. The root extracts of Tagetus minuta may be used as natural herbicide for the biological management of weed.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2638/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PHYTOESTROGENS ENRICHED NUTRACEUTICAL PRODUCT FOR USE AS DIETARY SUPPLEMENT IN OSTEOPOROSIS AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:A61K	(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)DHAN PRAKASH
(87) International Publication No	:NA	2)CHARU GUPTA
(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 new composition and process for the preparation of a nutraceutical product suitable for use as effective dietary supplement in prevention and treatment of osteoporosis and malnutrition. The composition comprises specific quantities of processed and microwave roasted seed meals of groundnut (Arachis hypogaea), flaxseed (Linum usitatissimum), soybean {Glycine max}, red gram {Cicer arietinum} and scientifically validated extracts of total phytochemicals from black and red grapes pomace (Vitis vinifera), carrot (Daucus carota), cabbage (Brassica oleracea), cauliflower {Brassica oleracea) and natural calcium. The product is cost effective and can be used by all segments of females to improve overall quality of life associated with postmenopausal conditions and osteoporosis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2639/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DATA STORAGE CIRCUIT THAT RETAINS STATE DURING PRECHARGE

(51) International classification

:F02H

(31) Priority Document 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 :110 FULBOURN ROAD, CHERRY HINTON, CAMBRIDGE CB1 9NJ, UNITED KINGDOM.

(72)Name of Inventor :

1)MARLIN WAYNE FREDERICK, JR.

2)AKHTAR WASEEM ALAM

3)SUMANA PAL

(57) Abstract :

A data storage circuit for receiving and holding a data value is disclosed. The data storage circuit includes: an input stage configured to be precharged during a precharge phase, to receive a data value in response to the precharge phase changing to an evaluation phase and to hold the data value during the evaluation phase. The input stage has an input latching element for holding the data value and dual data lines for outputting the data value and an inverse version of the data value to an output stage. The input latching element are configured to output a logical one on both of the dual data lines during the precharge phase and to output the data value during the evaluation phase by discharging one of the dual data lines to a logical zero. The output stage is for holding a value dependent on the data value received from the dual data lines, the output stage has an output latching element for holding the value, two switching devices for updating the output latching element and an output, the two switching devices each being controlled by respective signals from the dual data lines, such that: in response to the data value held in the input stage being a logical one, the first switching device updates the output latching element with a value indicative of the logical one; in response to the data value held in the input stage being a logical zero, the second switching device updates the output latching element with a value indicative of the logical zero; and in response to the dual data lines both outputting a logical one, the two switching devices do not supply a logical value to the output latching element such that the output latching element continues to hold a previously held value.

No. of Pages : 31 No. of Claims : 20

(54) Title of the invention : PROXIMITY BASED COMMUNICATION SYSTEM

(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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75007, PARIS FRANCE

(72)Name of Inventor :

1)SRIVASTAV, ANURAG

(57) Abstract :

In one embodiment of the subject matter, a plurality of users, each having a communication device, is registered with a proximity notification system. The proximity notification system identifies a location of each of the plurality of users based on a location of the communication device. A notification for a communication device of at least one user from amongst the plurality of users is generated based on a proximity parameter. The proximity parameter is based on a proximity of the at least one user with at least one another user amongst the plurality of users.

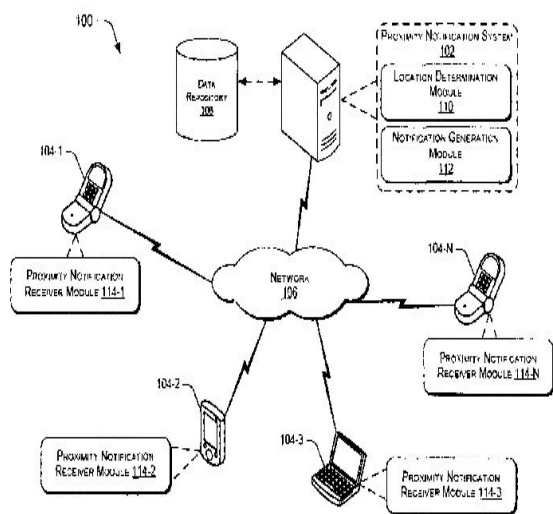


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2634/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : ALPHA-ARYLATION OF BETA-DICARBONYL COMPOUNDS

(51) International classification	:C08L33/12	(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 Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)SANTOSH B MHASKE
(61) Patent of Addition to Application Number	:NA	2)RANJEET A DHOKALE
Filing Date	:NA	3)PRAMOD R THAKARE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses a one pot process for the arylation of R-dicarbonyl compounds. Particularly the invention discloses a one pot process for the mono- or di- arylation of -dicarbonyl ester-amides to prepare mono or diarylated compounds.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2635/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : ISO ALKYL AND POLYOL ESTERS OF KARANJA FATTY ACIDS AS POTENTIAL LUBRICANT BASESTOCKS

(51) International classification	:B68F	(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)KORLIPARA VENKATA PADMAJA
(61) Patent of Addition to Application Number	:NA	2)MALLAMPALLI SRI LAKSHMI KARUNA
Filing Date	:NA	3)KRISHNASAMY SARAVANAN
(62) Divisional to Application Number	:NA	4)RACHAPUDI BADARI NARAYANA PRASAD
Filing Date	:NA	

(57) Abstract :

The present invention relates to different polyol and iso alkyl esters of karanja fatty acids, methods for their preparation and evaluation for their physico-chemical and lubricant properties.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A BIOACTIVE EXTRACT OF EUPHORBIA THYMIFOLIA PLANT TO INHIBIT THE GROWTH OF VIBRIO CHOLERAEE

(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)AMITY UNIVERSITY

Address of Applicant :AMITY UNIVERSITY CAMPUS,
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(NICED)**

(72)Name of Inventor :

1)DR. SHOMA PAUL NANDI

2)ANGANA PAYNE

3)DR. ASISH KUMAR MUKHOPADHYAY

4)DR. ASHWANI KUMAR SRIVASTAVA

(57) Abstract :

The present invention relates to the use of an organic extract of the plant, Euphorbia thymifolia to inhibit the growth of Vibrio cholerae as alternative and/or as active agents used along with antibiotics for treatment of cholera. The antimicrobial effect of the extract against Vibrio cholerae is due to the bioactive compound(s) present in the organic extract, which is exhibited by a big zone of inhibition against the bacterium. The invention particularly is used to prepare a pharmaceutical composition useful to inhibit the growth of Vibrio cholerae.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2647/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : NOVEL NANOFORMULATION FOR CONTROLLED DELIVERY OF HYDROPHILIC MOLECULES AND A PROCESS OF MAKING IT THEREOF □

(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 (NIPER)
(33) Name of priority country	:NA	Address of Applicant :Sector-67 S.A.S Nagar (Mohali)
(86) International Application No	:NA	Punjab-160062 India Punjab 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	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a novel nanoformulation for controlled delivery of hydrophilic molecules and a process of making them thereof. The drug is present in the hydrophilic polymeric matrix wherein it interacts with the polymer physically and/or chemically and the whole system is surrounded by a hydrophobic polymer. The nanoformulations present high drug loading entrapment efficiencies and a controlled release of the drug from the formulation. The invention could be administered via oral or parenteral route.

No. of Pages : 26 No. of Claims : 23

(54) Title of the invention : A MECHANISM TO CHANGE THE POTENTIAL ENERGY OF A HYDRO SYSTEM

(51) International classification :H01B
 (31) Priority Document 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 :

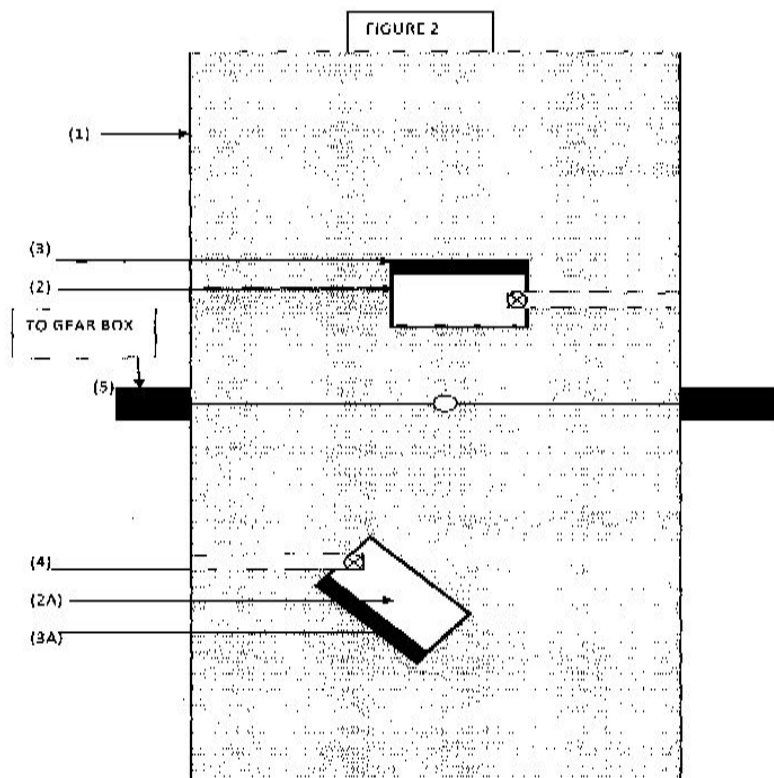
1)PRAVEEN SINGHAddress of Applicant :112, ST - 1, SIRHANDI GATE,
PATIALA - 147001 (PB) Punjab India

(72)Name of Inventor :

1)PRAVEEN SINGH

(57) Abstract :

The Mechanical device to impart rotation to a liquid column by changing the potential energy of the system , consists of a column full of liquid (1), having an axle(5) around which the said column can rotate after change in its potential energy, which is to be induced through a number of bodies (2, 2A,) which are lighter than the liquid in which they are immersed and hence displace liquid according to their volume. Such bodies (2, 2A) are attached with the help of rod (4) on a pivot (6) inside liquid column in such a way that these bodies can be rotated around the pivots.. The bodies have solid weights placed to each one of them, proportional to the liquid that the bodies displace and therefore positioning of the weight is calculated accordingly. When the bodies, placed in the upper and lower halves of the chamber are rotated around the pivots according to a calculated distance and sequence, the distance between the points of application of buoyant & gravitational forces, of the two bodies either gets increased or decreased, resulting into change in potential energy of the system. Due to such a change, the liquid column gets rotated around its axle (5). The circle is repeated to induce rotational movement to the column continuously. Fig 2



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2625/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : FOUR PANEL STAND-UP GUSSETED POUCH AND METHOD OF PRODUCTION THEREOF

(51) International classification

:H01S

(31) Priority Document 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)PHARPUR 3P

Address of Applicant :PLOT 19, SITE IV INDUSTRIAL
AREA SAHIBABAD DIST, GHAZIABAD UP 201010 (INDIA)
Uttar Pradesh India

(72)Name of Inventor :

1)DHARMESH ZAVERY

(57) Abstract :

The present invention relates to a four panel stand-up gusseted plastic pouch and the method of manufacturing with single/multiple web, preferably of composite multiple sheets. The said stand-up plastic pouch is manufactured preferably in automated manner from single/multiple sheet of at least one layer of plastic material, preferably including its strategic folding, sealing, cutting, folding-cum-gumming etc.

No. of Pages : 22 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2653/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : AN EROSION RESISTANT STEEL FOR UNDERWATER COMPONENTS OF TURBINE HYDROGENERATORS AND PROCESS FOR PRODUCING THE SAME

(51) International classification

:F02D

(31) Priority Document 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 Delhi India

2)CENTRAL POWER RESEARCH INSTITUTE

3)NATIONAL HYDRO POWER CORPORATION

LIMITED

4)SATLUJ JAL VIDYUT NIGAM LIMITED

(72)Name of Inventor :

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4)SUKUMAR KUNDU

5)KANAI LAL SAHOO

6)KANCHAN KUMAR PAUL

7)SHRI RAM SINGH

8)SUKOMAL GHOSH

9)SUBRAMANYAM SEETHARAMU

10)RAVANDHU KRISHNAN KUMAR

11)NAVANEETHA KRISHNAN MURUGESAN

12)ASHOK SHANKARSA WALVEKAR

13)AJAYA BEHARI LAL SRIVASTAVA

14)SHIVA PRATAP SINGH

15)RAGHUNATH PRASAD SINGH

(57) Abstract :

The present invention relates to erosion resistant steel and a process for the preparation thereof. The composition of the present invention results in an alloy that has unique composition for multiphase steel. The alloy has advantage of higher impact toughness values both at room temperature and sub-zero temperature. The developed alloy also has higher cavitation resistance compared to the cast 13%Cr-4%Ni stainless steel. The steel product exhibits erosion resistant properties useful for the development of underwater components of turbine hydro generators.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2654/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : AN IMPROVED VACUUM SWING ADSORPTION (VSA) PROCESS TO RECOVER HIGH PURITY - CARBON - DI - OXIDE (CO₂) FROM CO₂ CONTAINING EFFLUENT STREAMS

(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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

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

2)NTPC ENERGY TECHNOLOGY RESEARCH ALLIANCE (NETRA)

(72)Name of Inventor :

1)GOSWAMI AMAR NATH

2)NANOTI ANSHU

3)GUPTA PUSHPA

4)DASGUPTA SOUMEN

5)GARG MADHUKAR ONKARNATH

6)DULHADINOMAL HIRANI PRAKASH

7)MUKHOPADHYAY RABISHANKAR

8)SWAMI RAKESH

(57) Abstract :

The present invention relates to vacuum pressure swing adsorption (VPSA) process to recover carbon dioxide having a purity of more than 90% from streams containing at least carbon dioxide and nitrogen (e.g., flue gas from power plant). The feed to the CO₂ VPSA can be at moderate temperature and at low CO₂ partial pressures. The CO₂ VPSA unit produces two streams, a high purity CO₂ product suitable for sequestration and nitrogen enriched waste stream which can be vented. This invention highlights that CO₂ product purity and recovery, which are the key performance indicators of the VSA process, depend on the arrangements of VSA cycle steps in a particular manner, apart from adsorbent properties. This has been leveraged in the present invention to get desired performance. Hence an improved multistep VSA cycle is designed and implemented in a custom designed fully automated PC/PLC based three columns apparatus to get high CO₂ recovery with high purity suitable for sequestration

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYNTHESIS OF 10-ALPHA/BETA-D-ARABINOFURANOSYL-UNDECENES AS POTENTIAL ANTI-MYCOBACTERIAL AGENTS

(51) International classification	:C07D	(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 Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)RAMANA VENKATA CHEPURI
(61) Patent of Addition to Application Number	:NA	2)DHIMAN SARKAR
Filing Date	:NA	3)RAHUL SHIVAJI PATIL
(62) Divisional to Application Number	:NA	4)SAMPA SARKAR
Filing Date	:NA	

(57) Abstract :

Disclosed herein is 10- α -D-Arabinofuranosylundecenes of general Formula (II) or pharmaceutically acceptable salts thereof as anti-mycobacterial agents in vitro; wherein R, R₁ and R are as defined herein in the specification. The present invention also discloses a simple stereoselective synthesis 10- α /3-D-Arabinofuranosylundecenes of Formula (II) to target enzymes involved in the biosynthesis of cell wall of Mycobacterium and thus useful as inhibitors in the Mycobacterium tuberculosis drug development.

No. of Pages : 45 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2667/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A NOVEL COMPOSITION AND METHOD OF PREPARATION OF THE COMPOSITION TO INHIBIT THE GROWTH OF PATHOGENIC BACTERIUM, VIBRIO CHOLERAEE

(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)AMITY UNIVERSITY

Address of Applicant :AMITY UNIVERSITY CAMPUS
SECTOR - 125, NOIDA - 201303, UP, INDIA Uttar Pradesh
India

**2)NATIONAL INSTITUTE OF CHOLERA AND
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(72)Name of Inventor :

1)DR. SHOMA PAUL NANDI

2)ANGANA PAYNE

3)DR. ASISH KUMAR MUKHOPADHYAY

4)DR. ASHWANI KUMAR SRIVASTAVA

(57) Abstract :

The present invention relates to the use of an organic extract of the plant, Amaranthus viridis to inhibit the growth of Vibrio cholerae as alternative and/or as active agents used along with antibiotics for the treatment of cholera. The extracts were analysed by TLC (both 1-D and 2-D). The bioactive spot was identified by doing bioautography and chemical characterization of the identified bioactive spots was done. The bioactive fraction is of essential oil in nature. The invention provides the formulation and the method of preparation of the pharmaceutical composition useful to inhibit the growth of Vibrio cholerae.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2668/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR DETECTION OF AIRBORNE ASPERGILLUS ALLERGEN LEVELS

(51) International classification	:B64F1/30	(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, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MAANSI VERMANI
(87) International Publication No	:NA	2)MAHENDRA K. AGARWAL
(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 method based on immunochemical approach to measure atmospheric allergen concentration of four common airborne species of Aspergillus viz. A. flavus, A. fumigatus, A. niger and A. tamarii. Air samples collected on membrane filters are processed in a suitable buffer to produce a liquid extract. An enzyme immunoassay is developed using specific Aspergillus extracts coated on suitable matrix; specific IgE antibodies and processed suspension as liquid phase inhibitor for detecting and quantifying allergen content in the samples. The method measures actual airborne allergen levels which correlate better with symptoms of allergic patients and assist the clinicians in providing guidance on allergen avoidance and on scheduling medication for allergic patients.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2669/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR COMPONENT RESOLVED DIAGNOSIS OF ASPERGILLUS FUMIGATUS
HYPERSENSITIVE PATIENTS

(51) International classification	:A61K	(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	SRCTOR - 125, NOIDA - 201303, UP, INDIA Uttar Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)MAANSI VERMANI
(61) Patent of Addition to Application Number	:NA	2)MAHENDRA K. AGARWAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the Western Blot approach for detection of specific allergen-specific IgE antibody against multiple polypeptides of crude A fumigatus extract. The method of detection of IgE against A fumigatus allergens takes a very short time. The present invention employs the method that identifies fungal proteins against which a patient develops IgE antibodies. This western blot based approach detects IgE against multiple proteins of a particular fungal extract suitable for confirmatory diagnosis and designing treatment strategies.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.32/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : STRUCTURE FOR EXCHANGING AIR FILTER FOR VEHICLE

(51) International classification

:C12L

(31) Priority Document No

:10-2011-
0091575

(32) Priority Date

:09/09/2011

(33) Name of priority country

:Republic
of Korea

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)KIA MOTORS CORPORATION

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GU, SEOUL 137-938, KOREA Republic of Korea

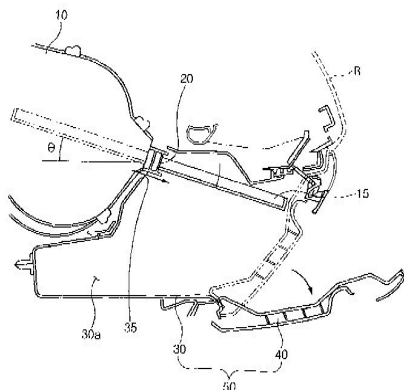
(72)Name of Inventor :

1)YEON DONG WON

(57) Abstract :

A structure for exchanging an air filter for a vehicle, may include the air filter accommodated in an air conditioning device, and a glove box housing provided on a dashboard and having an accommodation space formed therein, wherein the air filter exchanging portion may be formed on the glove box housing inside thereof to communicate with the air filter. Representative figure: FIG.4

FIG. 4



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2643/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : AN IMPROVED TOOLING FOR BEARING CAP FACE AND CRANK HALF BORE MILLING

(51) International classification

:F02H

(31) Priority Document 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)MAITA TETSUYA

3)HARIYA KIYOSHI

4)RAVI SINGH

5)PRASAD SHIRODKAR

6)MANOJ YADAV

7)RISHI ANAND

8)NARESH JOSHI

(57) Abstract :

This invention relates to an improved tooling for bearing cap face and crank half bore milling comprising of a novel bearing cap face milling cutter accommodating a novel crank bore half round milling cutter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2666/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A REVERSE OSMOSIS (RO) WATER PURIFICATION SYSTEM FOR REUTILIZATION OF DISPOSED WATER□

(51) International classification	:B64F1/30	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WHIRLPOOL OF INDIA LTD.
(32) Priority Date	:NA	Address of Applicant :Whirlpool House Plot No. 40 Sector-
(33) Name of priority country	:NA	44 Gurgaon-122002. India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Rakesh Bhatia
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a reverse osmosis water purification system which can reutilize water disposed off the system thereby preventing water depletion problems. In particular the present invention relates to a reverse osmosis (RO) water purification system for reutilization of disposed water comprising a water source for providing a stream of water; at most two sediment filters coupled to the water source for sieving dust particles from the said stream of water; a RO membrane filter being provided for separating the said stream of water into portable water and disposed water; a drain pipe coupled with the said RO membrane filter for conveying the disposed water from the said RO membrane filter; a disposed water control valve being fitted on the drain pipe for

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3521/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR FIXING CARBON DIOXIDE

(51) International classification

:C07D

(31) Priority Document No

:10-2011-
0092495

(32) Priority Date

:14/09/2011

(33) Name of priority country

:Republic
of Korea

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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1)HYUNDAI MOTOR COMANY

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**2)KIA MOTORS
CORPORATION**

3)HYUNDAI STEEL COMPANY

(72)Name of Inventor :

1)KIM TAE YOUNG

2)CHUNG SUNG YEUP

3)LEE KI CHUN

4)CHO MIN HO

5)SOHN SEOK GYU

6)PARK DONG CHEOL

(57) Abstract :

The present invention provides a method for carbon dioxide fixation, which comprises extracting an alkali metal component from a raw slag in a first reactor by using an ammonium salt solvent to produce a solution containing the extracted alkali metal component and then reacting the solution with carbon dioxide in a second reactor to produce a carbonate precipitate. With this method, an alkali metal component can be extracted and a carbonate precipitate can be obtained in a simpler and cost-effective manner, among others.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3555/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM FOR FIXING CARBON DIOXIDE

(51) International classification

:C06C

(31) Priority Document No

:10-2011-
0092496

(32) Priority Date

:14/09/2011

(33) Name of priority country

:Republic
of Korea

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HYUNDAI MOTOR COMPANY

Address of Applicant :231, YANGJAE-DONG, SEOCHO-
GU, SEOUL 137-938, REPUBLIC OF KOREA. **2)KIA**

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(72)Name of Inventor :

1)KIM TAE YOUNG

2)CHUNG SUNG YEUP

3)LEE KI CHUN

4)CHO MIN HO

5)SOHN SEOK GYU

6)PARK DONG CHEOL

(57) Abstract :

The present invention relates to a system fixing carbon dioxide. The system comprises a first reactor for extracting alkali metal components from a slag and a second reactor for carbonating the extracted alkali metal component with carbon dioxide. With this system, carbon dioxide can be fixed in a simpler and cost-effective manner.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2662/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A POST GRANT REVIEW MONITORING SYSTEM

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TALWAR Jitin
(32) Priority Date	:NA	Address of Applicant :413-P Sector 6 Panchkula Haryana -
(33) Name of priority country	:NA	134109 (INDIA) India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)TALWAR Jitin
(87) 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 online automated Post Grant Review monitoring system is disclosed. A company or client ☐ that may be interested reviewing a competitorTMs patent portfolio may order a search vendor or law firm to provide this monitoring based on an online interface. Post grant opposition has been prevalent in various jurisdictions and is also about to be launched in USA.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2673/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : AN IMPROVED ACID CATALYSED ONE POT SYNTHESIS OF 2- STYRYL QUINOLINE□

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF PHARMACEUTICAL
(32) Priority Date	:NA	EDUCATION AND RESEARCH (NIPER)
(33) Name of priority country	:NA	Address of Applicant :Sector-67 S.A.S. Nagar Mohali
(86) International Application No	:NA	Punjab-160062 India India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ASIT KUMAR CHAKRABORTI
(61) Patent of Addition to Application Number	:NA	2)DINESH KUMAR
Filing Date	:NA	3)TUSHAR SASTAV
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provide an improved acid catalysed one pot synthesis of 2-styrylquinoline by reaction using (2-aminophenyl)(aryl/alkyl) methanone (1) alkylacetoacetate (2) and aldehyde (3) in presence of acid catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1121/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/04/2010

(43) Publication Date : 15/03/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR SECURE, EASY HOLDING AND FASTING OF EQUIPMENT IN PLACE

(51) International classification	:F16B37/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)APW PRESIDENT SYSTEMS LTD
(32) Priority Date	:NA	Address of Applicant :R-2, TECHNOLIS KNOWLEDGE
(33) Name of priority country	:NA	PARK, MAHAKALI CAVES ROAD, CHAKALA, MUMBAI
(86) International Application No	:NA	400 093, MAHARASHTRA, INDIA
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:N/A	1)E. A. ELIAS
(61) Patent of Addition to Application Number	:NA	2)S. SRINIVASAN
Filing Date	:NA	3)AKIL ALVA
(62) Divisional to Application Number	:NA	4)SHRI HARSHA C N
Filing Date	:NA	5)DAVID HORNE

(57) Abstract :

The present invention provides a quarter-turn nut assembly for securely holding equipments in place and method for installing the same in an aperture of a panel The quarter turn nut assembly for securing into an aperture of panel comprises a nut having a first portion, a second portion having dimensions greater than that of the first portion, and a central hole with internal threading extending axially throughout the second portion, and a cage plate having a central opening, a pair of clamps extending oppositely in transverse to the longitudinal axis of the cage plate bent downwardly to clamp the nut, a pair of wings extending oppositely along the longitudinal axis of the cage plate and a tongue on each wing bent downwardly to lock the quarter nut into opposite corner of the aperture of the panel. the method comprises steps of inserting the quarter-turn nut assembly in the panel and turning the quarter-turn nut assembly so as to lock the tongues of the cage plate with diagonally opposite corners of the aperture in order to secure the quarter-turn nut assembly in the panel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1157/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :06/04/2010

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR UPDATING USERS

(51) International classification	:H04M3/42
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Tata Teleservices (Maharashtra) Limited
Address of Applicant :D-26 TTC Industrial Area MIDC
Sanpada Turbhe Navi Mumbai 400703 India. Maharashtra India
(72)**Name of Inventor :**
1)Pranshu Gupta
2)Ranjitha S.

(57) Abstract :

The present disclosure provides a system for updating one or more messages to one or more offline users in a wireless communication system. The system comprises an user terminal unit including at least one user terminal, a message transceiver, an advertisement storage unit, a message processing unit, and a determining unit. The message processing unit is coupled to the message transceiver and the advertisement storage unit. The determining unit is coupled to the message processing unit. The determining unit determines one or more online destination users and one or more offline destination users in the user terminal unit. The processing unit forwards one or more messages appended with relevant advertisement through Short Message Service (SMS) to the offline destination users.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2432/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :31/08/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DATA QUALITY ANALYSIS

(51) International classification	:G06F19/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :Nirmal Building 9th Floor Nariman
Point Maharashtra India
(72)**Name of Inventor :**
1)MHASHILKAR Kamlesh Pandurang

(57) Abstract :

The present subject matter relates to a method to assess a data quality index (DQI) at a final level of abstraction for data stored in a data repository. The method includes computing a plurality of intermediary DQIs for the data, where each of the plurality of intermediary DQIs corresponds to at least one of a data quality parameter, a level of abstraction, and a data quality factor. The method further includes identifying a weighing factor associated with each of the plurality of intermediary DQIs based on a level of abstraction, and determining a final DQI at the final level of abstraction based on a weighted average of the plurality of intermediary DQIs. Furthermore, the weighted average is calculated based on the weighing factors

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2434/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :01/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DATA MASKING SETUP

(51) International classification	:G06F21/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :Nirmal Building 9th Floor Nariman
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(72)**Name of Inventor :**
1)BULUSU Sitarama Narayana
2)KULKARNI Rupali
3)PATWARDHAN Nikhil
4)ROY Ashim

(57) Abstract :

Methods and systems for masking data columns in a database are described herein. The method describes obtaining a masking template. Further the method describes associating the masking template with at least one rule and selecting columns based on the at least one rule. The method further describes identifying at least one column from the selected columns for applying masking setup and initiating masking setup on the at least one column based on the masking template. Fig. 2

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1055/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :31/03/2010

(43) Publication Date : 15/03/2013

(54) Title of the invention : AN AUTO MOUNT MACHINE FOR HID LAMPS

(51) International classification	:h01j5/48	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CROMPTON GREAVES LIMITED
(32) Priority Date	:NA	Address of Applicant :CG HOUSE, 6TH FLOOR DR. ANNIE
(33) Name of priority country	:NA	BESANT ROAD, WORLI, MUMBAI 400 030,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)RAJASHEKAR PALUR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An automated welding system for making High Intensity Discharge (HID) lamp mounts comprising a table disposed for rotation about a vertical axis in a cyclic manner about a plurality of welding stations and having a plurality of mount holder jigs corresponding to the stations, at least one of the welding stations being associated with a robotic welding arm, and a control panel for setting parameters of sequential welding of a mount through the welding arms,

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1065/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :31/03/2010

(43) Publication Date : 15/03/2013

(54) Title of the invention : INTEGRATED EDURANCE TEST RIG FOR COMBINATION SWITCH WASH WIPE, LIGHTING AND HAZARD WARNING FUNCTION

(51) International classification	:B60R16/023
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TATA MOTORS LIMITED
Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001. MAHARASHTRA, INDIA.

(72)**Name of Inventor :**
1)MR. UDAY SHANDAR SAMBARE
2)MR. AMOL BHIDAS RAMOLE

(57) Abstract :

The present invention provides an integrated endurance test rig comprising a rigid frame. A main-mounting plate is provided on said rigid frame for mounting a combination switch. A first and second side-mounting plate is provided on said rigid frame for mounting first motor and second motor. A third mounting plate is provided for mounting an electric actuator for operating hazard warning lever of said combination switch. A first gripper for coupling with a wash wipe stalk of said combination switch towards one end and other end coupled to said first motor to perform wash wipe function. A second gripper for coupling with said lighting stalk of said combination switch towards one end and other end coupled to said second motor to perform lighting function and a programmable logic controller (PLC) and an electric bulb load powered by power supply unit to simulate vehicle electric load. FIG. 1 is selected

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1118/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/04/2010

(43) Publication Date : 15/03/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR SECURE, EASY TO INSTALL PANELS OF CABINET FOR IT EQUIPMENT

(51) International classification	:E05B15/00, H05K5/00	(71) Name of Applicant : 1)APW PRESIDENT SYSTEMS LTD. Address of Applicant :R-2, TECHNOLIS KNOWLEDGE PARK, MAHAKALI CAVES ROAD, CHAKALA, MUMBAI 400 093, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)E.A. ELIAS
(87) International Publication No	: NA	2)S. SRINIVASAN
(61) Patent of Addition to Application Number	:NA	3)AKIL ALVA
Filing Date	:NA	4)SHRI HARSHA C N
(62) Divisional to Application Number	:NA	5)DAVID HORNE
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system for secure, easy to install side covers and door panels of cabinet for IT equipment, wherein the side covers of the cabinet can only be accessed when the door locking mechanism is unlocked. Ref. FIG.4

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1165/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :07/04/2010

(43) Publication Date : 15/03/2013

(54) Title of the invention : ASSESSMENT OF DATA MANAGEMENT SYSTEM

(51) International classification	:G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING,9TH FLOOR,
(33) Name of priority country	:NA	NARIMAN POINT, MUMBAI-400021 INDIA. Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GUPTA, NIDHI
(61) Patent of Addition to Application Number	:NA	2)UPADHYAYA, WINKIE
Filing Date	:NA	3)GUPTA, RUCHI
(62) Divisional to Application Number	:NA	4)BHARGAVA, AJAY
Filing Date	:NA	

(57) Abstract :

Systems and methods for assessing a data management system are described herein. In one implementation, the method includes identifying at least one dimension (302) pertinent to a data management system and obtaining responses (220) to a plurality of queries (218). The queries (218) are generated based on each of the identified dimensions (302). Further, the responses (220) are analyzed to make an actual state assessment (352) corresponding to each of the identified dimensions (302). The actual state assessment (352) is compared with a corresponding planned state (354) and an assessment report is provided based at least on the comparison between the actual state assessment (352) and the planned state (354).

No. of Pages : 32 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2459/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :03/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DESIGN OPTIMIZATION FOR COOLING

(51) International classification	:B60H1/00, F28D1/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)SINGH Umesh
Filing Date	:NA	2)SINGH Amarendra Kumar
(87) International Publication No	: NA	3)SIVASUBRAMANIAM Anand
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A design optimization system (100) and a method for achieving design optimization for cooling are described herein. According to an implementation, the method includes obtaining an inlet value of at least one flow parameter at a small geometric length scale and determining an outlet value of the at least one flow parameter at the small geometric length scale based on the inlet value. Further, a flow behaviour is modeled based on the inlet and outlet values of the at least one flow parameter, and based on the modeled flow behaviour an optimized design for cooling is ascertained. Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2449/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :02/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : ONE PIECE OIL LOCK COLLAR

(51) International classification	:B60G17/005, F16F9/00	(71) Name of Applicant : 1)ENDURANCE TECHNOLOGIES LTD. Address of Applicant :E-93,WALUJ,MIDC,AURANGABAD- 431136,MAHARASHTRA,INDIA Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)PIMPLE, VISHAL
(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 one piece oil lock collar for a front fork assembly is disclosed. The one piece oil lock collar is configured to incorporate structural and functional configuration of a valve retainer and holds different valving parts of the front fork assembly to achieve predetermined damping force value. Also, a front fork assembly for a two wheeler vehicle is disclosed. The front fork assembly includes a pair of fork pipe sub-assemblies. Each of the pair of fork pipe sub-assemblies includes a fork pipe, the one piece oil lock collar and a valve seat. The valve seat is disposed within the one piece oil lock collar. FIGURE 2d

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2502/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A FRONT PASSENGER COMPARTMENT OF A VEHICLE

(51) International classification	:B62D	(71)Name of Applicant :
	25/08	1)TATA MOTORS LIMITED
(31) Priority Document No	:NA	Address of Applicant :Bombay House 24 Homi Mody Street
(32) Priority Date	:NA	Hutatma Chowk Mumbai 400 001 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KEDAR JOSHI
Filing Date	:NA	2)PRATAP DAPHAL
(87) International Publication No	: NA	3)RANJIT PANDHARE
(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 front passenger compartment of a vehicle. The front passenger compartment comprises a control mounting bracket mounted on a firewall of the vehicle for mounting a vehicle control pedals and a steering mounting bracket mounted on a cross car beam of the vehicle for mounting a steering column. A restraining bracket of predetermined shape mounted on top side of the control mounting bracket with predetermined distance from a bottom end of the steering mounting bracket to restrain intrusion of the fire wall and the control mounting bracket during frontal crash of the vehicle. FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2534/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : A BIODEGRADABLE WATER REPELLENT COATING COMPOSITION, ITS USE AND A METHOD OR PROCESS OF MANUFACTURING THEREOF

(51) International classification	:C08F 251/00	(71)Name of Applicant : 1)MR. SHRIKANT PRABHAKAR ATHAVALE
(31) Priority Document No	:NA	Address of Applicant :B 801, VASTUSHREE PEARL, NEAR
(32) Priority Date	:NA	UTSAV HALL, KINARA HOTEL LANE, PAUD ROAD,
(33) Name of priority country	:NA	KOTHRUD, PUNE 411 038,MAHARASHTRA STATE,INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. SHRIKANT PRABHAKAR ATHAVALE
(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 discloses a method or a process for preparation of biodegradable, repulpable and reusable water repellent coating composition. The coating composition necessarily includes naturally occurring ingredients namely Natural rubber latex, Liquor ammonia, Bee's wax and Cashew nut shell oil. The naturally occurring ingredients of the coating composition are substantially dissolvable in water adapted to replace alcoholic solvents. The coating composition is water repellent and is preferably coated on a paper based substrate for providing eco friendly coated paper based products. The coating composition provides an alternative to the plastic coated paper or plastic films. The coating composition eliminates the need of primer coating on coating machines that saves time, utilities and heat energy being consumed on coating machines.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2535/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SINGLE STRAIGHT ONE TIME USABLE RAZOR APPARATUS

(51) International classification	:B26B	(71)Name of Applicant :
(31) Priority Document No	21/08	1)SHREYAS AJIT SHETTI
(32) Priority Date	:NA	Address of Applicant :CHINTAMANI, 48, OPP. ANKUR
(33) Name of priority country	:NA	HOSPITAL, 100 FEET ROAD, VISHRAMBAG, SANGLI PIN
(86) International Application No	:NA	416415 Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SHREYAS AJIT SHETTI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for a one time use razor blade is disclosed. The apparatus includes a head that has a space to receive a razor blade. The razor blade is enclosed and protected with a protective adapter that is adapted to be broken at the first time of use facilitating the user to destroy the blade after the use and thereby preventing repetitive use of the blade. The adapter assures the customer that the blade is being used for the first and last time and reassures to the customer that any tampered razors are not being used. The apparatus includes a cap that acts as a protective shield of blade to avoid direct contact of the user's hand with the blade thereby avoiding any injury or contamination of the user's hand. The adapter and cap combiningly ensure safety of the use at all times during operation and use.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1069/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :31/03/2010

(43) Publication Date : 15/03/2013

(54) Title of the invention : A DETENT PLUNGER

(51) International classification	:B60K20/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY
(33) Name of priority country	:NA	STREET, HUTATMA CHOWK, MUMBAI 400 001.
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. ANAND SWICHALAPPA DAMAMI
(61) Patent of Addition to Application Number	:NA	2)MR. ASHOK RUDRAGAUD BIRADAR
Filing Date	:NA	3)MR. AMIT SUHAS BARVE
(62) Divisional to Application Number	:NA	4)MR. PRAFULLA VIJAY WANKHEDE
Filing Date	:NA	5)MR. GIRISH JADHAV

(57) Abstract :

According to present invention detent plunger comprises of, a plunger with a ball seat and a ball disposed therein supported on a spring located partially within a cylindrical member, the spring biasing the plunger into engagement with a detent profile on a toothed wheel, the ball seat having a cylindrical base and a head portion extending from said cylindrical base, the head portion having an partial spherical cavity for locating said ball and acting as the ball seat, and plurality of slits extending partially along the length of said head portion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1137/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :05/04/2010

(43) Publication Date : 15/03/2013

(54) Title of the invention : VACUUM DRYING APPARATUS

(51) International classification	:F26B19/00, F26B25/00
(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)WANG BAN CHIH

Address of Applicant :NO.16, LANE 27, RAYCHEN 2ND
STREET, DA-LI CITY, TAICHUNG COUNTY, TAIWAN,
REPUBLIC OF CHINA

(72)Name of Inventor :

1)WANG BAN CHIH

(57) Abstract :

A vacuum drying apparatus of a circulative preheating type comprises a working area, containing a material-filling-preheating sub-area, a heating sub-area, a drying sub-area, and a material-discharging sub-area; a rotatable frame, rotatably installed in the working area and having four accommodating spaces corresponding to the sub-areas of the working area, respectively; four cylinders, installed in the accommodating spaces of the rotatable frame and corresponding to the sub-areas of the working area; and a driving assembly, connected to and thereby driving the rotatable frame to rotate; wherein when the rotatable frame rotates, each of the cylinders is moved from a currently corresponding sub-area to an adjacent said sub-area. Thereby, since the cylinders have been preheated in the material-filling-preheating sub-area before receiving a heating procedure in the heating sub-area, a required duration of the heating procedure can be reduced.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2452/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :02/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF ZOLMITRIPTAN

(51) International classification :C07D413/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :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)EMCURE PHARMACEUTICALS LIMITED

Address of Applicant :EMCURE HOUSE,T-
184,M.I.D.C.,BHOSARI,PUNE-411026,INDIA Maharashtra
India

(72)Name of Inventor :

1)GURJAR MUKUND KESHAV

2)KALIAPERUMAL NEELAKANDAN

3)AHIRRAO PRAVIN PRABHAKAR

4)BAIREDDY RAGHURAMIREDDY

5)BALASUBRAMANIAN PRABHAKARAN

6)NANDALA SRINIVAS

7)PANCHABHAI PRASAD PANDURANG

8)MEHTA SAMIT SATISH

(57) Abstract :

The present invention provides a convenient and industrially viable process for preparation of Zolmitriptan (I) having desired purity. The invention specifically relates to a method for isolating (S)-4-(4-hydrazinobenzyl)-1,3-oxazolidin-2-one hydrochloride (IIa) of desired purity by separating (lie undesired inorganic side products such as stannous hydroxide by manipulation of pH at different stages and finally treating with N,N-dimethylamino butyraldehyde diethyl acetal in an acidic medium to provide Zolmitriptan (I) conforming to regulatory specifications.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2540/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : A TOOTHBRUSH WITH A ROTARY HEAD

(51) International classification	:A61C 17/00	(71) Name of Applicant : 1)MR. RAJESH GANGAR
(31) Priority Document No	:NA	Address of Applicant :801, LILIUM, MAHINDRA GARDEN,
(32) Priority Date	:NA	S.V.ROAD, GOREGAON (W), MUMBAI-400
(33) Name of priority country	:NA	062.MAHARASHTRA,INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. RAJESH GANGAR
(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 toothbrush with a rotary head comprising: handle portion of the toothbrush with a ball type distal end; head portion of the toothbrush with a socket type proximal end adapted to receive the ball end of said handle of said toothbrush, thereby forming a ball and socket joint at the intersection of said handle and said head of said toothbrush.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2541/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : AN AUTOMATED TICKET CHECKING AND VALIDATION SYSTEM.

(51) International classification	:G06F017/00, G06F019/00
(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)MR. RAJESH GANGAR

Address of Applicant :801, LILIUM, MAHINDRA GARDEN,
S.V.ROAD, GOREGAON (W), MUMBAI-400
062,MAHARASHTRA,INDIA.

(72)Name of Inventor :

1)MR. RAJESH GANGAR

(57) Abstract :

An automated ticket checking and validation system, said system comprises: coding means adapted to code a seat number on to a ticket of a seat in a machine readable format; database adapted to store each of said coded seat numbers, each coded seat number being referenced in relation to actual seat position stored in said database; ticket reader means at each seat adapted to read machine readable coded seat number of tickets for purposes of verification; comparator means adapted to compare read coded number at ticket reader means with stored data from said database in order to verify and authenticate seat occupancy by a valid ticket corresponding to that particular seat only; and communication means adapted to provide a communication channel between said ticket reader means and said comparator means.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2476/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :06/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : STABLE PHARMACEUTICAL COMPOSITIONS OF BUMETANIDE FOR PARENTERAL ADMINISTRATION

(51) International classification

:A61K
31/136

(31) Priority Document 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)CADILA HEALTHCARE LIMITED

Address of Applicant :SARKHEJ- BAVLA N.H. NO.8A,
MORAIYA, TAL. SANAND, DIST. AHMEDABAD-382210,
GUJARAT,INDIA

(72)Name of Inventor :

1)ROY SUNILENDU BHUSHAN

2)SINGH DEBJANI

3)NAHATA TUSHAR

4)JOSHI HARDIK

(57) Abstract :

The present invention relates to pharmaceutical compositions of bumetanide or salts thereof suitable for parenteral administration. In particular, the present invention relates to stable pharmaceutical compositions of bumetanide or salts thereof suitable for parenteral administration, which are free of preservative. The invention also relates to process of manufacturing and use thereof in the treatment of congestive heart failure, hepatic and renal disease, including the nephrotic syndrome.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2477/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :06/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : STABLE PHARMACEUTICAL COMPOSITIONS OF THIAMINE FOR PARENTERAL ADMINISTRATION

(51) International classification	:A61K 31/4172	(71)Name of Applicant : 1)CADILA HEALTHCARE LIMITED
(31) Priority Document No	:NA	Address of Applicant :SARKHEJ- BAVLA N.H. NO.8A,
(32) Priority Date	:NA	MORAIYA, TAL. SANAND, DIST. AHMEDABAD-382210,
(33) Name of priority country	:NA	GUJARAT,INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ROY SUNILENDU BHUSHAN
(87) International Publication No	:N/A	2)SINGH DEBJANI
(61) Patent of Addition to Application Number	:NA	3)NAHATA TUSHAR
Filing Date	:NA	4)KATHARYA MUKUL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to pharmaceutical compositions of thiamine or salts thereof suitable for parenteral administration. In particular, the present invention relates to stable pharmaceutical compositions of thiamine or salts thereof suitable for parenteral administration, which are free of preservative. The invention also relates to process of manufacturing and use thereof in the treatment of thiamine deficiency or beriberi whether of the dry (major symptoms related to the nervous system) or wet (major symptoms related to the cardiovascular system) variety and Wernicke-Korsakoff syndrome.

No. of Pages : 22 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2497/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR LUBRICATING INTERNAL COMBUSTION ENGINES

(51) International classification	:F01M 3/00	(71)Name of Applicant : 1)MAHINDRA TWO WHEELERS LIMITED
(31) Priority Document No	:NA	Address of Applicant :D1 BLOCK,PLOT
(32) Priority Date	:NA	NO.18/2(PART),MIDC,CHINCHWAD, PUNE-411
(33) Name of priority country	:NA	019,MAHARASHTRA,INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MEMON ZAKIRHUSEN KADARBHAI
(87) International Publication No	:N/A	2)DIGENDRA VIKRAM SINGH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure discloses a system and method for lubricating internal combustion engines wherein lubricating system 100 receives lubricating oil from an oil pump. Lubricating system 100 has oil rotor filter 106 and filter cover 114 mounted on crankshaft 102, having lubricating holes 121, through splined bush 108. Oil pocket 110, defined between filter cover 114 and clutch cover 104, is in fluid communication with oil passage 116 defined within clutch cover 104 and receives lubricating oil from the oil pump. The lubricating oil is pressurized and transferred from oil pocket 110 to crankshaft 102 from rotor oil filter 106 through splined bush 108.

FIGURE 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2509/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :08/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PROCESS OF PREPARING 3-OXO-MORPHOLIN PHENYL OXAZOLIDIN METHYL THIOPHENE-2-CARBOXAMIDE ANALOUGUE

(51) International classification	:C07D 413/14	(71) Name of Applicant : 1)CADILA HEALTHCARE LIMITED
(31) Priority Document No	:NA	Address of Applicant :PLOT NO.26 TO 29 & 31,
(32) Priority Date	:NA	DABHASA- UMARAYA ROAD VILL.DABHASA-391440
(33) Name of priority country	:NA	TAL. PADRA,DIST. VADODARA, GUJARAT.INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DWIVEDI SHRIPRAKASH DHAR
(87) International Publication No	:N/A	2)PRASAD ASHOK
(61) Patent of Addition to Application Number	:NA	3)PAL DAYA RAM
Filing Date	:NA	4)SHARMA MUKUL HARI PRASAD
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses processes for the preparation of rivaroxaban and its pharmaceutically acceptable salts, solvates, and hydrates thereof. The invention also relates to novel intermediates for the preparation of rivaroxaban.

No. of Pages : 73 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2543/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : AN AUTOMATIC UNMANNED PARKING SYSTEM.

(51) International classification	:G01S 13/00	(71) Name of Applicant : 1)MR. RAJESH GANGAR
(31) Priority Document No	:NA	Address of Applicant :801, LILIUM, MAHINDRA GARDEN,
(32) Priority Date	:NA	S.V.ROAD, GOREGAON (W), MUMBAI-400
(33) Name of priority country	:NA	062,MAHARASHTRA,INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. RAJESH GANGAR
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An automatic unmanned parking system comprising: parking slot defining means adapted to define a plurality of parking slots, said parking slot defining means including a plurality of placed sensing means adapted to define each of said parking slot; collating means adapted to collate information from each of said sensing means for a given pre-defined distance in relation to sensing of vehicles parked; computation means adapted to engage a parking based mathematical model which realises occupancy of parked vehicle; time-based calculation means adapted to calculate parking fees based on timed use of parking slot and predefined rate of parking charge and to provide calculated signal; readable secure database in each vehicle adapted to store value in relation to electronic money; and querying means adapted to query said readable secure database in order to receive said calculated signal for deducting said calculated sum as parking fees, in an automated cashless manner.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2544/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : AN AIR-COOLED AUTO-RICKSHAW WITH ENERGY GENERATION CAPABILITY.

(51) International classification	:F25B 40/00	(71)Name of Applicant : 1)MR. RAJESH GANGAR
(31) Priority Document No	:NA	Address of Applicant :801, LILIUM, MAHINDRA GARDEN,
(32) Priority Date	:NA	S.V.ROAD, GOREGAON (W), MUMBAI-400
(33) Name of priority country	:NA	062,MAHARASHTRA,INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. RAJESH GANGAR
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An air-cooled auto-rickshaw comprises: at least one rotor or an inverted exhaust adapted to suck in external air into said auto-rickshaw, thereby driving said rotor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2545/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : AN AUTOMATED LIGHTING SYSTEM CUM WIPER FOR AUTOMOBILES.

(51) International classification	:F17D	(71)Name of Applicant :
(31) Priority Document No	1/00	1)MR. RAJESH GANGAR
(32) Priority Date	:NA	Address of Applicant :801, LILIUM, MAHINDRA GARDEN,
(33) Name of priority country	:NA	S.V.ROAD, GOREGAON (W), MUMBAI-400
(86) International Application No	:NA	062,MAHARASHTRA,INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)MR. RAJESH GANGAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An automated lighting system cum wiper for automobiles, said system comprises: (1) automated wiper system for a vehicle windscreen, said wiper system further comprising: rain sensing means adapted to sense start of rainfall; intensity sensing means adapted to sense intensity of said rainfall; computing means adapted to compute wiper operation frequency in correlation with sensed intensity of rainfall and pre-defined parameters in relation to said sensed intensity; drive means adapted to drive wiper movement; (2) automated headlight switching system adapted to operate headlights, said headlight system further comprising: light sensing means adapted to sense ambient light conditions exterior to said automobile; actuation means adapted to actuate operation of headlights from at least a first operative position to at least a second operative position; computing means adapted to compute headlight actuation requirement in correlation with sensed ambient light and pre-defined parameters in relation to said sensed ambient light; and (3) linking mechanism adapted to link drive means of said automated wiper system to said actuation means of said automated headlight switching system depending upon pre-defined parameters.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2546/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : A BIOMETRIC TOOTHBRUSH

(51) International classification	:G06F 21/00	(71)Name of Applicant : 1)MR. RAJESH GANGAR
(31) Priority Document No	:NA	Address of Applicant :801, LILIUM, MAHINDRA GARDEN,
(32) Priority Date	:NA	S.V.ROAD, GOREGAON (W), MUMBAI-400
(33) Name of priority country	:NA	062,MAHARASHTRA,INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. RAJESH GANGAR
(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 biometric toothbrush, which comprises: biometric identification means adapted to include a scanning means for scanning biometric input for identification of user; memory storage element adapted to stores user name or user identity along with correlated biometric identity or biometric identities; and verification means adapted to verify scanned identity input with stored identity input.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2547/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR RAPID MRI ACQUISITION USING TAILORED SIGNAL EXCITATION MODULES (RATE).

(51) International classification	:A61B 5/055	(71)Name of Applicant : 1)ARUNACHALAM ARJUN
(31) Priority Document No	:NA	Address of Applicant :A-18,GARDEN ESTATE,NAGRAS
(32) Priority Date	:NA	ROAD,AUNDH,PUNE-411007,MAHARASHTRA,INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)ARUNACHALAM ARJUN
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 system and method for rapid acquisition of MRI data at multiple points in time in an MRI scan using tailored signal excitation modules, said method comprising the steps of: obtaining tailored signal excitation modules by using RF excitation pulses in combination with one or more magnetic field gradients; acquiring an aliased k-space dataset at a point in time using a pulse sequence that employs said obtained tailored signal excitation modules, which tag and overlap distinct k-space points; repeating steps (a) and (b) for acquiring aliased k-space datasets at multiple time points in a scan while tagging the overlapped k-space points as a function of time to obtain an accelerated k-t dataset; undoing k-space aliasing in the acquired k-space datasets by Fourier transforming them along the time axis followed by a filtering process to separate the overlapped points; and performing a Fourier transformation along one or more axes of the un-aliased k-space datasets to generate image frames for the different time points at which data was acquired.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2536/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : NOVEL CONJUGATION-FACILITATED TRANSPORT OF DRUGS ACROSS BLOOD BRAIN BARRIER

(51) International classification	:A61K 9/127, A61K 31/704	(71)Name of Applicant : 1)KAREUS THERAPEUTICS SA Address of Applicant :40 RUE FRITZ-COURVOISIER,2300 LA CHAUX-DE-FONDS,SWITZERLAND Switzerland
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)UDAY SAXENA
(33) Name of priority country	:NA	2)VENKATESWARLU AKELLA
(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 conjugated therapeutic agent of formula I that can facilitate transport of therapeutic agent across the blood brain barrier thereby providing drug levels in brain to impart beneficial therapeutic effect.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2538/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : AN AIR-COOLED HEAD GEAR EQUIPMENT

(51) International classification

:A61B
19/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: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)MR. RAJESH GANGAR

Address of Applicant :801, LILIUM, MAHINDRA GARDEN,
S.V.ROAD, GOREGAON (W), MUMBAI-
400062,MAHARASHTRA,INDIA.

(72)Name of Inventor :

1)MR. RAJESH GANGAR

(57) Abstract :

An air-cooled headgear equipment comprises: at least one rotor or an inverted exhaust adapted to suck in external air into said helmet; and plurality of louvered hatches in order to allow exit of air that has been pulled in by said rotor.

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2539/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : A PARKING ADMINISTRATING SYSTEM

(51) International classification	:G07B 15/02, G07C 1/30	(71)Name of Applicant : 1)MR. RAJESH GANGAR Address of Applicant :801, LILIUM, MAHINDRA GARDEN, S.V.ROAD, GOREGAON (W), MUMBAI-400 062.MAHARASHTRA,INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)MR. RAJESH GANGAR
(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 parking administrating system comprises: identification and sensing network adapted to identify each parking slot or parking spot from a plurality of parking spots and slots and to index them in an identifiable or represent-able manner; stepwise hierarchical collating means adapted to collate sensed signals in a step-wise hierarchical manner in order to obtain step-wise hierarchical collated information, thereby providing macro-views and micro-views of the parking spot availability to the system; updating means adapted to update parking spot availability based on said identified and sensed signals; computing means which includes pre-designed templates and mathematic models in relation to selecting and displaying available parking spots in a selectable manner to a user according to user-driven choices of zones or areas or any user-defined parameters and further adapted to compute and designate or compute and allot parking slots based on pre-defined user parameters or pre-defined processing parameters; and user information retrieval means adapted to retrieve computed and processed information from said system in relation to available parking spots.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2554/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND SYSTEM OF ELECTRONIC SHOPPING AND BUSINESS EXPERIENCE

(51) International classification	:G06Q 30/00	(71)Name of Applicant : 1)PERSISTENT SYSTEMS LIMITED
(31) Priority Document No	:NA	Address of Applicant :BHAGEERATH,402,SENAPATI
(32) Priority Date	:NA	BAPAT ROAD,PUNE 411 016 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)AJAY AGGARWAL
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 :

As outlined above, a clear need exists for an efficient and quick a method and system wherein, from receipts to returns, from coupons to loyalty programs, from intents -deals to purchases, the User and retailers are provided a better shopping and business experience. In accordance with the present invention, a User is enabled to shop from his mobile handheld (enabled with a camera such as Blackberry, iPhone or Android) with the aid of a Code (item, QR, Image or such other code) for each product displayed on banners at public places frequented by the Users. These places could be on the office premises of a Corporate Partner, a display, at Retail Partner venue (in case of service providers like multiplexes, malls, restaurants, etc).

No. of Pages : 55 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2556/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DATA MODIFICATION BASED ON MATCHING BIT PATTERNS□

(51) International classification	:G11B	(71)Name of Applicant :
(31) Priority Document No	20/18	1)SANDISK TECHNOLOGIES INC.
(32) Priority Date	:NA	Address of Applicant :Two Legacy Town Center 6900 North
(33) Name of priority country	:NA	Dallas Parkway Plano Texas 75024 United States of America
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Omprakash Bisen
(87) International Publication No	: NA	2)Abdulla Pichen
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A data storage device includes a memory and a controller. The controller is configured to identify groups of bits that match any bit pattern in a first set of bit patterns. Each of the groups of bits includes a first bit of first data, a second bit of second data, and a third bit of third data to be stored at the memory. The controller is configured, in response to determining that a count of the identified groups exceeds a threshold, to change multiple bits of the first data. Changing the multiple bits of the first data reduces a number of the groups of bits that match any bit pattern in the first set of bit patterns.

No. of Pages : 26 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1088/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :31/03/2010

(43) Publication Date : 15/03/2013

(54) Title of the invention : AN AUTOMATED MECHANISM FOR LOADING A BLANKING PLATE IN A BLANKING MACHINE

(51) International classification	:B21D28/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CROMPTON GREAVES LIMITED
Address of Applicant :CG HOUSE, DR.ANNIE BESANT
ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)MORE SACHIN VASANT

(57) Abstract :

An automated mechanism (1) for loading a blanking plate (2) in a blanking machine, the mechanism comprising a U-shaped frame (3) held between a stack (4) of blanking plates and a loading plate (5) of the blanking machine, the frame comprising a base (3a) and a pair of upstanding members (3b & 3c); a hollow tray (6) pivoted to the free ends of the upstanding members (3b & 3c) and remaining disposed therebetween; a tilting mechanism connected to the hollow tray (6) or the pivot means (9) for tilting the tray (6) towards and away from the stack (4) and loading plate (5); a slide held back and forth slidably within the tray (9); at least one vacuum cup (17a) held below the slide for lifting a blanking plate (2) from the stack (4) and dropping thereof onto the loading plate (5). (Fig 1a)

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1151/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :06/04/2010

(43) Publication Date : 15/03/2013

(54) Title of the invention : CIRCULAR KNITTINGMACHINE JACQUARD NEEDLE EQUIPPED WITH A RETURN STRUCTURE

(51) International classification	:D04B35/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PAI LUNG MACHINERY MILL CO., LTD
(32) Priority Date	:NA	Address of Applicant :NO.8, TING-PING RD., JUI-FANG
(33) Name of priority country	:NA	TOWN, TAIPEI HSIAN, TAIWAN, R.O.C. Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TIEH-HSIUNG PAI
(87) 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 jacquard needle equipped with a return structure is installed in a circular knitting machine which has a computer needle selected device including plural jacquard needles (2) and plural needle selected sheets (II) on an upper needle dial (5). Each jacquard needle (2) is driven by a cam (3) to move a knitting needle (4). The needle selected sheet (II) depresses the jacquard needle (2) to escape from the cam (3). The jacquard needle (2) includes a fulcrum (21), a neck (22), a force received section (24), a needle foot (26) and a return structure (25). The fulcrum (21) is connected with the knitting needle (4). The needle foot (26) is located in a slide track of the cam (3). The return structure (25) has a bend end (251) at a distal end beneath the needle foot (26). The bend end (251) butts an inner wall of the upper needle dial (5). The force received section (24) transmits the depressing force to bend the return structure (25) to generate a returning elasticity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2533/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMPOSITION AND METHOD OF GENERATION OF HYDROGEN BY THERMAL DECOMPOSITION OF AMMONIA BORANE (AB) USING SILICON NANOPARTICLES AS CATALYST.

(51) International classification	:C07D 209/00	(71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(31) Priority Document No	:NA	Address of Applicant :INDIAN INSTITUTE OF
(32) Priority Date	:NA	TECHNOLOGY, BOMBAY, POWAI,MUMBAI-
(33) Name of priority country	:NA	400076,MAHARASHTRA,INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANEESH CHINTAMAN GANGAL
(87) International Publication No	:N/A	2)PRATIBHA SHARMA
(61) Patent of Addition to Application Number	:NA	3)PARESH KALE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the method for hydrogen generation from solid hydrogen storage compositions. This is achieved by thermal decomposition of ammonia borane (AB) in the presence of silicon nanoparticles. With addition of silicon nanoparticles, decomposition of AB was found to be less exothermic and the second step of decomposition was found to be slightly endothermic suggesting hydride formation. Induction period was absent with silicon nanoparticles and also increase in the amount of gas released was found.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2552/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM AND METHOD TO MAP HEAT FLUX FOR SOLAR CONCENTRATORS.

(51) International classification	:F24J 2/38	(71) Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(31) Priority Document No	:NA	Address of Applicant :INDIAN INSTITUTE OF
(32) Priority Date	:NA	TECHNOLOGY,BOMBAY POWAI,MUMBAI
(33) Name of priority country	:NA	400076,MAHARASHTRA,INDIA
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)J. K. NAYAK
(87) International Publication No	:N/A	2)S.B. KEDARE
(61) Patent of Addition to Application Number	:NA	3)PRAKASH MARATH
Filing Date	:NA	4)PRANESH KRISHNAMURTHY
(62) Divisional to Application Number	:NA	5)RANJEET V BHALERAO
Filing Date	:NA	

(57) Abstract :

The present invention proposes a system and method for mapping the heat flux incident on a surface of the receiver of a solar concentrator. The flux mapping system disclosed analyses temperature profile indicated by high accuracy thermocouples to map the flux. The system uses the temperature profile along a metal strip to determine the heat flux. This method and system can be used for flux mapping of point focus and line focus concentrating solar collectors. The flux mapping system proposed in the present invention is easy to handle, easy to manufacture and has simple calibration techniques. The present invention is robust, cheaper and requires very low maintenance.

No. of Pages : 13 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/09/2011

(21) Application No.2565/MUM/2011 A

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR ENABLING REVERSE WHEEL LOCKING ARRANGEMENT USING RACHET AND PAWL MECHANISM

(51) International classification	:B60P 7/06	(71)Name of Applicant : 1)TUPE Akshay Keshav Address of Applicant :4 Kulashree Sunrise Row Houses Parijat Nagar Old Saykheda road Jailroad Nashikroad Nasik 422101 Maharashtra India.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	2)THORVE Rishikesh Namdeo
Filing Date	:NA	3)PAWAR Sarang Sopan
(87) International Publication No	: NA	4)WAGH Ajinkya Dattu
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TUPE Akshay Keshav
(62) Divisional to Application Number	:NA	2)THORVE Rishikesh Namdeo
Filing Date	:NA	3)PAWAR Sarang Sopan
		4)WAGH Ajinkya Dattu

(57) Abstract :

The present invention in a preferred embodiment provides systems and methods for preventing a vehicle from reverse movement in a slope, the system comprising of, a) a vehicle; b) a ratchet and pawl device connected to at least one wheel of the vehicle; and c) a connecting or fastening component which connects the ratchet and pawl device such that the wheel shall rotate only if the ratchet and pawl device rotates; wherein the system may be engaged using an engaging mechanism when reverse motion is undesirable or to be restricted, and may be disengaged when the reverse motion is desirable and is to be made.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2581/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A NOVEL PROCESS FOR THE FORMATION OF POLYMERIC THIN FILMS BASED ON 3,4-ALKYLENEDIOXYTHIOPHENE MONOMERS VIA OXIDATIVE IN-SITU POLYMERIZATION AND THE APPLICATIONS THEREOF IN ORGANIC PHOTOVOLTAICS

(51) International classification	:C08G 61/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(32) Priority Date	:NA	Address of Applicant :POWAI,MUMBAI
(33) Name of priority country	:NA	400076,MAHARASHTRA,INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KUMAR ANIL
(87) International Publication No	:N/A	2)SINGH REKHA
(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 process for formation of conductive polymeric thin films based on thiophene monomers via oxidative in-situ polymerization comprising the steps of coating a substrate with an oxidizing agent and base in presence of an organic solvent; coating a thiophene compound of formula I in a solvent onto the coated substrate of above step; and polymerizing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2735/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : HIGH STRENGTH COLD ROLLED STEEL SHEET AND PLATED STEEL SHEET HAVING EXCELLENT BAKE HARDENABILITY AND FORMABILITY, AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C22C 38/00
(31) Priority Document No	:2011- 202191
(32) Priority Date	:15/09/2011
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JFE STEEL CORPORATION

Address of Applicant :2-3 Uchisaiwai-cho 2-chome Chiyoda-ku Tokyo 100-0011 Japan.

(72)Name of Inventor :

1)Taro KIZU

2)Yoshimasa FUNAKAWA

(57) Abstract :

An object of the present invention is to provide a high strength cold rolled steel sheet having excellent bake hardenability and formability. Specifically, the present invention provides a high strength cold rolled steel sheet having excellent bake hardenability and formability, comprising in mass %: C: 0.0010 % to 0.0040 %; Si: 0.05 % or less; Mn: 0.1 % to 1.0 %; P: 0.10 % or less; S: 0.03 % or less; Al: 0.01 % to 0.10 %; N: 0.0050 % or less; Nb: 0.005 % to 0.025 %; and the balance as Fe and incidental impurities, wherein $[\% \text{ Nb}]/[\% \text{ C}] < 10$ and $[\% \text{ Mn}]/[\% \text{ C}] > 100$, and the steel sheet has tensile strength (TS): at least 340 MPa, bake hardening value (BH): at least 30 MPa, uniform elongation: at least 18 %, and yield point elongation (YP-EL) after progressive aging: not higher than 1.0 % ($[\% \text{ M}]$ represents content (mass %) of element M in steel).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2736/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : STEEL SHEET HAVING EXCELLENT FORMABILITY AND METHOD FOR PRODUCING THE SAME

(51) International classification	:C21D 8/02	(71) Name of Applicant :
(31) Priority Document No	:2011-198732	1)JFE STEEL CORPORATION
(32) Priority Date	:12/09/2011	Address of Applicant :2-3 Uchisaiwai-cho 2-chome Chiyoda-ku Tokyo 100-0011 Japan.
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)Yoshimasa FUNAKAWA
Filing Date	:NA	
(87) 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 :

There is provided a steel sheet having excellent workability, which is capable of providing a good formability in actual press forming, wherein the steel has a chemical composition comprising C: not more than 0.01 mass%, Si: not more than 0.2 mass%, Mn: not more than 0.5 mass%, P: not more than 0.04 mass%, S: 0.001 to 0.03 mass%, N: not more than 0.01 mass%, Al: not more than 0.1 mass% and Ti: 0.02 to 0.1 mass% and the remainder being Fe and inevitable impurities, and Ti4 C2 S2 having an average particle size of not less than 10 nm is dispersed into steel at a volume ratio of 0.005 to 0.5%.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2542/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : AN INTER-VEHICULAR COMMUNICATION SYSTEM

(51) International classification	:G08G 1/16, G08G 1/09	(71) Name of Applicant : 1)MR. RAJESH GANGAR Address of Applicant :801, LILIUM, MAHINDRA GARDEN, S.V.ROAD, GOREGAON (W), MUMBAI-400 062,MAHARASHTRA,INDIA
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MR. RAJESH GANGAR
(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 :

An inter-vehicular communication system, said system comprises: transceiver means installed in a vehicle, said transceiver means adapted to transmit and relay communication messages in multi-media format; identification means adapted to identify a defined number of vehicles driving in the vicinity of a first vehicle intending to initiate communication; selection means adapted to select at least one vehicle from a list of identified vehicles; signaling means adapted to allow a first driver of said first vehicle to signal intent of communication and intent of establishing a communication link with selected vehicle; link establishing means adapted to establish a link between said two vehicles; one which has signaled and one which has responded to said signal; thereby enabling communication and communication medium between at least vehicles, in said defined zone, without having to stop.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2559/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A SYSTEM AND A METHOD FOR DESIGNING RADIATOR EQUIPMENT

(51) International classification	:B64G 1/42	(71)Name of Applicant : 1)CROMPTON GREAVES LIMITED
(31) Priority Document No	:NA	Address of Applicant :CG HOUSE,6TH FLOOR,DR. ANNIE
(32) Priority Date	:NA	BESANT ROAD,WORLI,MUMBAI 400
(33) Name of priority country	:NA	030,MAHARASHTRA,INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PARAMANE SACHIN BHIMARAO
(87) International Publication No	:N/A	2)VEKEN WIM VAN DER
(61) Patent of Addition to Application Number	:NA	3)LANDTMETERS NICO
Filing Date	:NA	4)JOSHI KISHOR UDDHAV
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and a method for designing radiator equipment, said system comprises: first input means adapted to provide radiator height input; second input means adapted to provide number of segments into which said radiator height is to be divided; dividing means adapted to divide said first input radiator height into a plurality of equidistant smaller segments based on said second input, thereby defining segment height; third input means adapted to input fan speed in relation to said radiator; velocity computation means adapted to compute velocity, at each of said divided segment heights, based on defined segment height, third input fan speed and pre-defined mathematical model; and designing means adapted to provide a design of said radiator based on said computed velocity at each of said divided segment heights depending upon pre-defined parameters, thereby obtaining an optimum design of said radiator.

No. of Pages : 22 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2560/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A SYSTEM FOR DYNAMIC SERVICE COLLABORATION THROUGH IDENTIFICATION AND CONTEXT OF PLURALITY OF HETEROGENEOUS DEVICES

(51) International classification	:G06Q	(71)Name of Applicant :
	10/00	1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :NIRMAL BUILDING,9TH
(32) Priority Date	:NA	FLOOR,NARIMAN POINT,MUMBAI
(33) Name of priority country	:NA	400021,MAHARASHTRA,INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BANDYOPADHYAY SOMA
(87) International Publication No	:N/A	2)MAITI SOUVIK
(61) Patent of Addition to Application Number	:NA	3)SENGUPTA, MUNMUN
Filing Date	:NA	4)DUTTA SUBHAJIT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a system and method to provide a mechanism to perform faster collaboration among the services by retrieving the context information from the central device using service identifier as key element. The system is adapted to create a unique device identifier by associating device MAC address, context information and operation/ service identifier while performing the device registration.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2776/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : STEEL SHEET AND COATED STEEL SHEET HAVING EXCELLENT FORMABILITY, AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C22C 38/00
(31) Priority Document No	:2011- 200908
(32) Priority Date	:14/09/2011
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JFE STEEL CORPORATION

Address of Applicant :2-3 Uchisaiwai-cho 2-chome Chiyoda-ku Tokyo 100-0011 Japan.

(72)Name of Inventor :

1)Yoshimasa FUNAKAWA

(57) Abstract :

An object of the present invention is to provide a steel sheet and a coated steel sheet of which press-formability is significantly improved as compared with the conventional steel sheet or coated steel sheet. Specifically, the present invention provides a steel sheet having excellent formability, comprising in mass %: C: 0.005% or less; Si: 0.2% or less; Mn: 0.5% or less; P: 0.04% or less; S: 0.03% or less; N: 0.01% or less; Al: 0.1% or less; at least one type of element selected from the group consisting of Ti: 0.01 to 0.1% and Nb: 0.001 to 0.1%; and the balance as Fe and incidental impurities, wherein Nb and/or Ti carbides of which grain diameter is not larger than 6 nm are dispersed at a volume ratio in the range of 1×10^{-5} to 5×10^{-4} in the steel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2549/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : ARRANGEMENT UTILIZING MEMS BASED PRESSURE SENSOR FOR MEASURING LIQUID LEVEL IN A TANK

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	3/16	1)MAHINDRA TWO WHEELERS LIMITED
(32) Priority Date	:NA	Address of Applicant :D1 BLOCK,PLOT
(33) Name of priority country	:NA	NO.18/2(PART),MIDC,CHINCHWAD, PUNE-411 019
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)ASHOK P S
(61) Patent of Addition to Application Number	:NA	2)SUNDARAM SUDHARSAN
Filing Date	:NA	3)JASTI KIRAN
(62) Divisional to Application Number	:NA	4)JOSHUA D. SAMUEL
Filing Date	:NA	

(57) Abstract :

An arrangement for measuring liquid level in a tank includes a MEMS based pressure sensor to generate an output signal in response to pressure corresponding to the liquid level in the tank, an electronic module connected to the pressure sensor to receive and process the output signal, and electrical connection means to receive processed output signal and transmit measured liquid level for display. The arrangement disposed within the tank eliminates use of floats and disadvantages associated with use thereof, for measuring the level of fuel in a fuel tank.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2568/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : VELOCITY GRADIENT FLOATING TURBINE.

(51) International classification	:F03B 13/16	(71) Name of Applicant : 1)SHELKE DATTATRAYA RAJARAM
(31) Priority Document No	:NA	Address of Applicant :BLOCK NO.305, A-WING, SWAMI
(32) Priority Date	:NA	VIVEKANAND CHOWK, URAN, DIST. RAIGAD 400702,
(33) Name of priority country	:NA	MAHARASHTRA,INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHELKE DATTATRAYA RAJARAM
(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 in a preferred embodiment provides systems and methods for a velocity gradient floating turbine and power generation, comprising: a) a floating platform; b) guide vanes; c) a velocity gradient turbine; d) a gas compressor; e) a means to couple turbine and compressor, further comprising a turbine gear and a compressor gear or belt / chain drive; f) at least a pipe; and g) a turbine - generator sub-system; wherein the said floating platform comprises: i. at least two tanks; ii. at least a rod to support the said tanks; and wherein the said turbine - generator sub-system comprises: i- a turbine ; and ii- a generator.

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2570/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF SUBSTITUTED 3'-HYDRAZINO-BIPHENYL-3-CARBOXYLIC ACID COMPOUNDS

(51) International classification	:C07D 231/46	(71)Name of Applicant : 1)GLENMARK GENERICS LIMITED
(31) Priority Document No	:NA	Address of Applicant :GLENMARK HOUSE,HDO-
(32) Priority Date	:NA	CORPORATE BLDG,WING-A, B.D.SAWANT
(33) Name of priority country	:NA	MARG,CHAKALA,ANDHERI(EAST),MUMBAI-400
(86) International Application No	:NA	099,INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)BHARGAV KRISHNAJI UPADHYE
(61) Patent of Addition to Application Number	:NA	2)SHIVAJI EKNATH JAGADALE
Filing Date	:NA	3)MUKESH SONI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the preparation of substituted 3'-hydrazino-biphenyl-3-carboxylic acid compounds. The present invention -further provides a process for the preparation of 3'-{N'-[1-(3,4-dimethylphenyl)-3-methyl-5-oxo-1,5-dihydro-pyrazol-4-ylidene]hydrazino}-2'-hydroxybiphenyl-3-carboxylic acid, its intermediate compounds and pharmaceutical acceptable salts thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2609/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : ONE POT ENZYMATIC PROCESS FOR PREPARATION OF N-PROTECTED TERT LEUCINE OR ITS SALTS

(51) International classification	:C07C 227/32	(71)Name of Applicant : 1)Frichem Private Limited
(31) Priority Document No	:NA	Address of Applicant :12 Concord Bullock Road Band
(32) Priority Date	:NA	Stand Bandra West Mumbai-400 050 India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MAHETA Jeshal
Filing Date	:NA	2)SHARMA Ajendra Kumar
(87) International Publication No	: NA	3)MISQUITTA Stephanie
(61) Patent of Addition to Application Number	:NA	4)HUSAIN Mofazzal
Filing Date	:NA	5)KHANAPUR Sharmishtha
(62) Divisional to Application Number	:NA	6)KUMAR Rajiv
Filing Date	:NA	

(57) Abstract :

The present invention relates to one pot process for preparing enantiopure N-protected L-tert-leucine or its salts by means of reductive amination.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2571/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A MECHANICAL TRIPPING APPARATUS FOR A CIRCUIT BREAKER

(51) International classification	:H01H5/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CROMPTON GREAVES LIMITED
(32) Priority Date	:NA	Address of Applicant :CG HOUSE,6TH FLOOR,DR.ANNIE
(33) Name of priority country	:NA	BESANT ROAD,WORLI,MUMBAI
(86) International Application No	:NA	400030,MAHARASHTRA,INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)RIKAME RAVINDRA TUKARAM
(61) Patent of Addition to Application Number	:NA	2)DAHALE PRAVIN VASANT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A castle lock mechanism, said mechanism comprising: a cam assembly which comprises an operative upper cam co-operating with an operative lower cam, said upper cam being a slotted cylinder with a disc base, said slot in said cylinder being adapted for allowing entry of an external key in order to engage said cam assembly in order to actuate said mechanism and said cam assembly being further adapted to be angularly displaced by said external key which fits about said cam with a lever / pin in said slot; locking pin, a first pair of guided pins, a second pair of guided pins; follower plate adapted to follow cam assembly motion, said follower plate being inter-located between said operative upper cam and said operative lower cam, said follower plate including a slot which receives a second screw / projection inserted from said operative upper cam wherein, said second screw / projection is adapted to slide from a first operative end of said slot to a second operative end of said slot, as said operative upper cam moves due to angular displacement of said key, thereby facilitating its inward and outwards motion from its inter-located position between said operative upper cam and said operative lower cam to an externally displaced motion; and shaft extending from said follower plate, said shaft adapted to follow inward and outward movement of said follower plate, wherein said outwards movement of said shaft is adapted to facilitate its mating external mechanisms for purposes of locking

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.119/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : FACILITATING NOISE ESTIMATION IN WIRELESS COMMUNICATION

(51) International classification :H04W24/08
(31) Priority Document No :61/226149
(32) Priority Date :16/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042120
Filing Date :15/07/2010
(87) International Publication No :WO 2011/008941 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 :INTERNATIONAL IP
ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
DIEGO, CALIFORNIA 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)ZHANG, XIAOXIA
2)JETLY, DARSHAN
3)XU, HAO
4)FUCHS, ROBERT, J.

(57) Abstract :

Providing for noise estimation in wireless communication, and particularly for access request signals transmitted by a user equipment (UE), is described herein. By way of example, a wireless signal receiver can employ unused signal dimensions of a wireless network for noise estimation. In addition, the unused signal dimensions can be selected for time-frequency resources that are associated with a particular wireless channel, in order to obtain a noise estimate for that channel. By employing unused signal dimensions, a noise measurement is likely to include no other signal transmissions, and provide an accurate estimate of noise on that channel. According to various aspects of the subject disclosure, one or more Chu sequences employed for signal transmissions, root sequences thereof, or one or more cyclic shifts of a root sequence can be employed for the unused signal dimension.

No. of Pages : 45 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.12/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MOBILE COMMUNICATION METHOD, MOBILE STATION, AND RADIO BASE STATION

(51) International classification :H04W36/00
(31) Priority Document No :2009-153045
(32) Priority Date :26/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/060877
Filing Date :25/06/2010
(87) International Publication No :WO 2010/150881
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NTT DOCOMO, INC.
Address of Applicant :11-1, NAGATACHO 2-CHOME,
CHIYODA-KU, TOKYO 1006150 Japan
(72)**Name of Inventor :**
1)IWAMURA, MIKIO
2)UMESH, ANIL

(57) Abstract :

Disclosed is a mobile communication method, comprising a step of allowing a mobile station (UE) in communication with a cell #A to transmit a measurement report including the reception quality about a second cell which is a peripheral cell to the radio base station (eNB#A) controlling the cell #A using the PCI of the second cell, a step of allowing the radio base station controlling a first cell to notify the mobile station about a predetermined gap when the radio base station has determined that there is a possibility that the PCI relating to the received measurement report is used by peripheral cells and to instruct the mobile station to notify the CGI of the second cell, and a step of allowing the mobile station to notify that the mobile station could not acquire the CGI of the second cell with the notified predetermined gap if the mobile station could not.

No. of Pages : 39 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.126/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :14/01/2008

(43) Publication Date : 15/03/2013

(54) Title of the invention : GEAR SHIFTING MECHANISM

(51) International classification

:F16H1/00

(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)ZEN TECHNOLOGIES LIMITED

Address of Applicant :C-63, INDUSTRIAL ESTATE,
SANATHNAGAR, HYDERABAD - 500 018 Andhra Pradesh
India

(72)Name of Inventor :

1)ATLURI KISHORE DUTT

2)ANGA SAMSON JAYAPRAKASH

(57) Abstract :

The subject matter described herein is directed to gear shifting and in particular is related to the field of simulation of gear shifting in a vehicle. The present subject matter proposes a strategic solution to eliminate the challenges experienced in the simulation of conventional gear shifting.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.128/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :14/01/2008

(43) Publication Date : 15/03/2013

(54) Title of the invention : STEERING MECHANISM

(51) International classification	:B62D6/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ZEN TECHNOLOGIES LIMITED
(32) Priority Date	:NA	Address of Applicant :C-63, INDUSTRIAL ESTATE,
(33) Name of priority country	:NA	SANATHNAGAR, HYDERABAD-500018 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ATLURI KISHORE DUTT
(87) International Publication No	: NA	2)ANGA SAMSON JAYAPRAKASH
(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 simulated steering apparatus. The apparatus comprises a base in which a driving shaft is rotatably fixed. A plate is freely mounted to the shaft and the plate is rigidly mounted to the shaft. A key is used to rigidly mount the plate to the driving shaft. A magnet is attached to the plate and a friction plate is attached to the plate, such that, the magnet and the friction plate are disposed between the plate and the plate. Double gears and a stopper gear are used for speed reduction. Stopper plate prevents rotation of the steering wheel beyond a certain angle by coming in contact with the stoppers.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : DEVICE PROGRAMMABLE NETWORK BASED PACKET FILTER

(51) International classification :H04W24/04

(31) Priority Document No :12/503266

(32) Priority Date :15/07/2009

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

(86) International Application No :PCT/CA2010/001090

Filing Date :14/07/2010

(87) International Publication No :WO 2011/006243 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)NORTEL NETWORKS LIMITED

Address of Applicant :2351 BOULEVARD ALFRED-
NOBEL, ST. LAURENT, QUEBEC H4S 2A9 Canada

(72)Name of Inventor :

1)SAUTER, MARTIN

2)ILLIDGE, ED

3)DING, WAYNE WEI

(57) Abstract :

A method is provided for filtering unwanted packets in a communication system. The communication system includes a first network, a wireless network and at least one wireless communication device. An instruction to add an entry to a blocked list is received from a specific wireless device. The entry includes blocking criteria. A first packet is received from the first network. The first packet is destined for the specific wireless communication device, if the first packet exhibits the blocking criteria included in the blocked list, the first packet is discarded before it can be distributed by the wireless network.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.11/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD OF TRANSMITTING AND RECEIVING ARQ FEEDBACK INFORMATION

(51) International classification :H04B7/26
(31) Priority Document No :61/223,386
(32) Priority Date :07/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/004397
Filing Date :06/07/2010
(87) International Publication No :WO 2011/005014 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)LG ELECTRONICS INC.
Address of Applicant :20 YEOUIDO-DONG,
YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea
(72)**Name of Inventor :**
1)LEE, EUN JONG
2)RYU, KI SEON
3)CHO, HEE JEONG
4)KIM, YONG HO
5)YUK, YOUNG SOO

(57) Abstract :

A method for transmitting and receiving ARQ feedback information in a wire less communication system is disclosed. A method for allowing a mobile station to trans mit an ARQ feedback in a broadband wireless access system includes receiving an ARQ block and an ARQ feedback polling from the base sta tion, wherein the ARQ feedback polling re quests the mobile station to transmit ARQ feed back information indicating whether the ARQ block is successfully received, receiving a first uplink resource for transmitting the ARQ feed back from the base station, and determining whether the received ARQ block is successfully received. The first uplink resource has a mini mum size capable of being allocated to the ARQ feedback information.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.118/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :14/01/2008

(43) Publication Date : 15/03/2013

(54) Title of the invention : FRONT FENDER STRUCTURE FOR TWO-AND THREE-WHEELED VEHICLES

(51) International classification	:B62K, B62D	(71)Name of Applicant : 1)HONDA MOTOR CO., LTD.
(31) Priority Document No	:2007- 007917	Address of Applicant :1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO Japan
(32) Priority Date	:17/01/2007	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)INOUE, YUSUKE
(86) International Application No	:NA	2)YOSHIMURA, KAZUNORI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To enhance the operation efficiency of installation and maintenance efficiency in a front fender structure for two- and three-wheeled vehicles in which a bracket is provided at a front fork in which a front wheel is journaled to lower end regions of a pair of leg portions arranged on the both sides of the front wheel, and a front fender which includes a front half fender-member and a rear half fender-member covers the front wheel from above and is mounted to the bracket. [Solution] To the bracket 41 which is a member formed separately from the front fork 17, each of the front half fender-member 39 and the rear half fender-member 40 is detachably mounted, and the bracket 41 which is in a condition where the front half fender-member 39 and the rear half fender-member 40 are installed to the bracket 41 is detachably mounted to an undersurface of a bridge member 16 interconnecting both leg portions 15.

No. of Pages : 34 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.133/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/07/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A RENEWABLE METHOD TO HARVEST ELECTRICAL ENERGY IN AN ELECTRIC BULB

(51) International classification	:f03b	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Mr.Sathish.B.V
(32) Priority Date	:NA	Address of Applicant :Bangalore-Mysore Road Byrapatna
(33) Name of priority country	:NA	(V) Channapatna Taluk Ramanagara District Pin-571501
(86) International Application No	:NA	Karnataka Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Mr.Sathish.B.V
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The presented invention is to provide a renewable method to harvest electrical energy in an electric bulb by capturing and converting the part of the waste heat energy generated within the electric bulb to the useful electrical energy by using a thin transparent layer of a thermo-electric silicon material on the outer surface of the bulbs glass material. This invention increases the efficiency of the electric bulb system significantly, reduces the electricity consumption for the lighting system from the main electric source and acts as a back up source when the primary source of electric supply is interrupted or unavailable.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1418/CHE/2009 A

(43) Publication Date : 15/03/2013

(54) Title of the invention : COCONUT DRYER

(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 :

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2)MR.DEVAKARAN KARAIELLAPALAYAM

3)MR.ARULKUMAR SUNDARAM

4)MS.ARUNA SIVARAMAN

(72)Name of Inventor :

1)MS.JEYANTHI RAMASAMY

**2)MR.DEVAKARAN KARAIELLAPALAYAM
PALANISAMY**

3)MR.ARULKUMAR SUNDARAM

4)MS.ARUNA SIVARAMAN

(57) Abstract :

Sun drying of agricultural products in the open air is the traditional method employed in most of the developing countries. A new system which concerns about the drying process of coconut is introduced. The dryer system consists of three parts, they are heating unit, air blower unit and coconut container. Heating unit is designed to accept electric input. The optimum temperature required for drying the coconut is 70C-75°C. The coconut dryer system consists of a container in which the coconuts are cut into two halves and it is kept inside. The hot air produced in the heating unit is sucked using air blower and it is passed for several hours into the container. Temperature is maintained at a constant level through out the process. An AC motor is used to rotate the container in order to transform uniform spreading of heat. When the hot air is passed around the coconut the moisture content present in the coconut gets absorbed. The coconut pulp gets shrinked and it can be easily removed from the outer shell. After few hours of heating the pulp again continuously, the pulp is ready for the extraction of coconut oil. The hot air (exhaust) is passed out through the outlet. This dryer system is predestined for application on small farms in developing countries due to its low investment. This dryer, does not affect the productivity in rainy season, reduces time from weeks to several hours, needs only less work space, utilizes natural resources, cut the manpower requirement to a certain extent and pollution free solution to the oil mills and also it does not affect the quality and quantity of the oil.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1305/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :08/03/2010

(43) Publication Date : 15/03/2013

(54) Title of the invention : PISTON WITH A SKIRT HAVING OIL FLOW SLOTS

(51) International classification	:F02F3/00, F16J1/04
(31) Priority Document No	:60/955,423
(32) Priority Date	:13/08/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/072979
Filing Date	:13/08/2008
(87) International Publication No	:WO 2009/023702 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)FEDERAL-MOGUL CORPORTION
Address of Applicant :26555 NORTHWESTERN
HIGHWAY, SOUTHELED, MI 48033 U.S.A.
(72)**Name of Inventor :**
1)AZEVEDO, MIGUEL

(57) Abstract :

A piston has a pair of diametrically opposite skirt portions each having an opening providing fluid communication between an outer surface of the skirt portions and an internal cavity. The openings provide the outer surfaces of the skirt portions with a circumferentially extending upper band above a horizontal plane extending through a pin bore axis and a circumferentially extending lower band portion below the horizontal plane.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1332/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :09/03/2010

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD OF MAKING A FLEXOGRAPHIC PRINTING SLEEVE FORME

(51) International classification	:B41C1/00, B41C1/18
(31) Priority Document No	:07115995.8
(32) Priority Date	:10/09/2007
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2008/061751
Filing Date	:05/09/2008
(87) International Publication No	:WO 2009/034026 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)AGFA GRAPHICS N V

Address of Applicant :SEPTESTAAT 27, B-2640
MORTSEL Belgium

(72)Name of Inventor :

1)LEENDERS, LUC

2)DAEMS, EDDIE

(57) Abstract :

A method of making a flexographic printing sleeve forme comprising the steps of: (i) formation of a sleeve body by providing one or more at least partially cured uniform layers on a sleeve carrier; (ii) formation of a relief image on said sleeve body by imagewise jetting a curable jetting fluid; (iii) optionally overall post-curing; characterized in that between formation of the sleeve body and formation of the relief image no polishing or grinding is performed.

No. of Pages : 64 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.140/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR AVOIDING AND RESOLVING CONFLICTS IN A WIRELESS MOBILE DISPLAY DIGITAL INTERFACE MULTICAST ENVIRONMENT

(51) International classification :H04L 12/18
(31) Priority Document No :12/497,447
(32) Priority Date :02/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040650
Filing Date :30/06/2010
(87) International Publication No :WO 2011/002916 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
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(72)Name of Inventor :

1)DINESH DHARMARAJU

2)JUDIT MARTINEZ BAUZA

3)KRISHNAN RAJAMANI

(57) Abstract :

Systems and methods for avoiding conflict in a wireless mobile display digital interface (WMDDI) environment including both host and client devices. In one aspect, the presently claimed invention includes a system and/or method that is configured for broadcasting a first multicast MAC address by a first host to at least one first client in a predetermined geographic area and broadcasting the first multicast MAC address by a second host to at least one second client in the predetermined geographic area. The system and/or method can be further configured for determining a priority between the first host and the second host when the second host receives multicast packets transmitted by the first host and changing to a second multicast MAC address by a least priority host of the first host and the second host.

No. of Pages : 32 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1460/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :15/03/2010

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR RECEIVING AND TRANSMITTING INFORMATION ON ASYNCHRONOUS SERIAL DATA LINE, AND ASYNCHRONOUS SERIAL RECEIVER/TRANSMITTER

(51) International classification	:G06F13/38
(31) Priority Document No	:200710201585.3
(32) Priority Date	:05/09/2007
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2008/071466
Filing Date	:27/06/2008
(87) International Publication No	:WO 2009/030129 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)FENG, KEPING

(57) Abstract :

The present invention relates to the field of data communications, and more particularly to a technique for receiving and transmitting asynchronous serial data. The present invention aims at providing a method for quantitatively receiving and transmitting non-character information and an asynchronous serial Receiver/Transmitter for implementing the method, which do not rely on an external timer. The method includes: an asynchronous serial Receiver/Transmitter receiving and transmitting character data information through an asynchronous serial data line; and receiving and transmitting non-character data information. An asynchronous serial Receiver/Transmitter for implementing the method is further provided, including: a character Receiver/Transmitter, an interrupt controller connected with the character Receiver/Transmitter, a non-character information detector and a quantitative receiving unit. According to the present invention, the asynchronous serial Receiver/Transmitter can directly receive and transmit the non-character information; compared with conventional solutions, the method of the present invention can effectively reduce system costs and decrease complexity of software.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.14/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING/RECEIVING CONTROL INFORMATION FOR ADDITIONAL BROADCAST INFORMATION IN A WIRELES COMMUNICATION SYSTEM

(51) International classification	:H04B7/26
(31) Priority Document No	:61/223,071
(32) Priority Date	:06/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/004398
Filing Date	:06/07/2010
(87) International Publication No	:WO 2011/005015 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)CHO, HEE JEONG
2)RYU, KI SEON
3)YUK, YOUNG SOO
4)LEE, HYUN WOO

(57) Abstract :

The present invention relates to a method and apparatus for transmitting/receiving control information for additional broadcast information in a wireless communication system. According to one aspect of the present invention, a method for transmitting control information for additional broadcast information in a wireless communication system comprises a step in which a base station transmits control information containing information on the transmission time of the additional broadcast message, and transmits the additional broadcast message at said transmission time.

No. of Pages : 62 No. of Claims : 16

(54) Title of the invention : PREDICTION OF A MOVEMENT VECTOR OF A CURRENT IMAGE PARTITION POINTING TO A REFERENCE ZONE THAT COVERS SEVERAL REFERENCE IMAGE PARTITIONS AND ENCODING AND DECODING USING ONE SUCH PREDICTION

(51) International classification	:H04N7/26	(71)Name of Applicant :
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(32) Priority Date	:03/07/2009	Address of Applicant :6 PLACE D'ALLERAY, 75015 PARIS,
(33) Name of priority country	:France	France
(86) International Application No	:PCT/FR2010/051304	(72)Name of Inventor :
Filing Date	:25/06/2010	1)JOEL JUNG
(87) International Publication No	:WO 2011/001077	2)GUILLAUME LAROCHE
	A1	3)JEAN-MARC THIESSE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for predicting a movement vector of a current image partition (P1, P2,..., Pp) in [relation to a movement vector of a reference partition (Pf1, Pr'2,..., Prp) having the same form as the current partition and [belonging to a reference image (1N_1) which is different from the current image (IN) and has been pre-cut, following encoding and Subsequent decoding, into a plurality of n partitions (r11, r'2,.../n). One such method is characterised in that, when the reference {partition covers a set of k reference partitions from among the plurality of n reference image partitions, with $k < n$, said movement {vector of the current partition image is determined from a function of at least one reference movement vector belonging to a set of ;k reference movement vectors associated respectively with k covered reference partitions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.142/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : THE USE OF FIRST AND SECOND PREAMBLES IN WIRELESS COMMUNICATION SIGNALS

(51) International classification :H04W56/00

(31) Priority Document No :61/222976

(32) Priority Date :03/07/2009

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

(86) International Application No :PCT/CA2010/001032

Filing Date :05/07/2010

(87) International Publication No :WO 2011/000109 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)ROBERT NOVAK

2)MO-HAN FONG

(57) Abstract :

A method of transmitting data within a signal frame, the method comprising: a) inserting a first synchronization preamble into a first location within the signal frame; b) inserting a second synchronization preamble into a second location within the signal frame, wherein the first synchronization preamble conveys information indicative of the second location; c) issuing the signal frame towards a receiving device in a wireless communication environment

No. of Pages : 67 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.145/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MEDIUM ACCESS CONTROL FOR WIRELESS SYSTEMS

(51) International classification :H04W68/00
(31) Priority Document No :61/223,134
(32) Priority Date :06/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/001066
Filing Date :06/07/2010
(87) International Publication No :WO 2011/003195 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)MO-HAN FONG
2)HANG ZHANG
3)ROBERT NOVAK

(57) Abstract :

A method for execution by a mobile station (MS) in a mobile communications network, the method comprising: receiving a first MS identifier from the network during a ranging operation involving the MS; using the first MS identifier to extract the contents of at least one message received from the network during said ranging operation; using a second MS identifier, different from the first MS identifier, to extract the contents of at least one message received from the network after said ranging operation is complete. Also, a method for execution by the base station, comprising: outputting a first message destined for the MS, the first message including a first identifier for use by the MS during a ranging operation; determining that said ranging operation is complete; outputting a second message destined for the MS, the second message including a second identifier for use by the MS in subsequent communication with the network.

No. of Pages : 79 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.15/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(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	:C07D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IN2011/000553
Filing Date	:19/08/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)PINGILI KRISHNAREDDY
3)BUTHUKURI VENKATREDDY

(57) Abstract :

The present invention provides simple, eco-friendly, cost-effective, reproducible, robust and industrial processes for the preparation of intermediate compound 4-{4-[5(S)-(aminomethyl)-2-oxo-1,3-oxazolidin-3-yl]phenyl}morpholin-3-one(II). The present invention also provides novel intermediates and their use in the synthesis of morpholinone oxazolidine derivatives.

No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.144/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MANAGING DOWNLINK TRANSMISSION POWER IN A HETEROGENEOUS NETWORK

(51) International classification :H04W52/32
(31) Priority Document No :12/816134
(32) Priority Date :15/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039270
Filing Date :18/06/2010
(87) International Publication No :WO 2010/148366 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)AAMOD KHANDEKAR
4)TINGFANG JI

(57) Abstract :

A method, an apparatus, and a computer program product for wireless communication are provided in which it is determined that a transmission of a first instance of control information in a first control region in a subframe of a first power class eNodeB a non-modified power spectral density (PSD) will result in interference above a threshold with a transmission of a second instance of control information in a second control region in a subframe of a second power class eNodeB, PSD is modified for a portion of at least one of the first or second control regions of at least one of the subframes for at least one of the first power class or second power class eNodeB, and the first instance of control information is transmitted during the control region using the modified PSD for the portion of the first instance of control information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.146/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : WIRELESS COMMUNICATION HAVING REDUCED FEEDBACK DELAY

(51) International classification :H04L1/18
(31) Priority Document No :61/219302
(32) Priority Date :22/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039500
Filing Date :22/06/2010
(87) International Publication No :WO 2011/005521 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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6)NATHAN EDWARD TENNY

(57) Abstract :

Providing for improved error control signaling in wireless communications is disclosed herein. By way of example, multiple transmissions can be conducted for a HARQ process prior to a scheduled feedback signal on the HARQ process, causing a receiving device to combine the multiple transmissions, rather than treat them as separate transmissions. In this manner, multiple transmissions can be employed to increase overall receive energy, without violating maximum transmit power constraints in a wireless communication. Further, these multiple transmissions can be configured based on prevailing signal strength at the receiving device, or based on processing capabilities of the receiving device, providing flexible protocols that can accommodate advanced as well as legacy UEs in wide range of wireless conditions.

No. of Pages : 65 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1582/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PORTABLE STOVE

(51) International classification

:F24C

(31) Priority Document 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

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(62) Divisional to Application Number

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Filing Date

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1)V JAYAPRAKASH

(57) Abstract :

The present invention discloses a portable stove with a insertion slot (16) through which firewood acting as fuel is inserted. Said slot also enables entry and flow of primary air, said entry and flow controlled by shutter. The inserted fuel is placed on cast iron grill (14), said grill provided within pipe (11). Pipe (11) is provided concentrically within another pipe (12) such that an intermediate gap exists between them. Air chamber (15) is provided below the grill. Burning chamber is provided surrounding pipe (12) in a cylindrical core. Perforations (17) are provided on the periphery of the cylindrical core enabling entry and flow of secondary air. Initially firewood is burnt by the entry of primary air resulting in incomplete combustion. Then secondary air enters via perforations (17) and enables two level burning resulting in complete combustion. Exhaust slot (18) and chimney (19) enable removing wood residue and exhaust gas.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.167/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR TRANSMITTING DATA FRAMES AND BASE STATION SUBSYSTEM

(51) International classification	:H04W52/22
(31) Priority Document No	:200910265257.9
(32) Priority Date	:28/12/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073541
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

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2)Jihong WANG
3)Haikun WANG

(57) Abstract :

The present invention provides a method and a system for transmitting data frames and a base station subsystem. In the present invention a service GPRS support node splits a TCP retransmission packet into data frames and adds retransmission identifications into the data frames. In this way the base station subsystem apparatus after receiving the data frames can judge whether the data frame is the data frame split from the TCP retransmission packet according to whether the data frame carries the retransmission identification; and if the data frame is the data frame split from the TCP retransmission packet then the data frame is transmitted preferentially to the terminal thereby improving the transmission efficiency of the TCP retransmission packet.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.150/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(4) Title of the invention : SYSTEM AND METHOD OF TRANSMITTING CONTENT FROM A MOBILE DEVICE TO A WIRELESS DISPLAY

(51) International classification :H04L29/06
(31) Priority Document No :12/500,475
(32) Priority Date :09/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040968
Filing Date :02/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

A method of transmitting content to a wireless display device is disclosed. The method may include receiving multimedia data encoding the multimedia data and writing encoded multimedia data into a first predetermined memory location of a shared memory. Further the method may include encapsulating the encoded multimedia data and writing encapsulation data into a second predetermined memory location of the shared memory. The method may also include calculating error control encoding and writing the error control encoding into a third predetermined memory location of the shared memory. Further the method may include transmitting the encoded multimedia data the encapsulation data and the error control encoding to the wireless display device.

No. of Pages : 63 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION

(21) Application No.168/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR VIEWING PATIENT DATA

(51) International classification :G06F17/00

(31) Priority Document No :61/185,096

(32) Priority Date :08/06/2009

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

(86) International Application No :PCT/US2010/037728

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

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2)MOORE Stephen Trey

(57) Abstract :

Methods of measuring features of a digitally generated waveform include communicating patient data to a device that is remote from a source of the patient data generating the waveform on a touch-screen display of the device and measuring along an axis of the waveform. The measuring includes generating a first point corresponding to the waveform based on contact with the touch-screen display generating a second point corresponding to the waveform based on contact with the touch-screen display automatically measuring a distance between the first point and the second point along the axis upon generation of the second point and displaying a value corresponding to the distance on the touch-screen display.

No. of Pages : 47 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MAIN/STANDBY SWITCHING INTERFACE MODULE&NBSP; NETWORK ELEMENT SYSTEM&NBSP; AND LINK INFORMATION SYNCHRONIZATION DETECTION METHOD

(51) International classification	:H04W24/04
(31) Priority Document No	:200910089821.6
(32) Priority Date	:24/07/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072915
Filing Date	:19/05/2010
(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

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2)Shubo GUO

3)Meifeng ZHANG

(57) Abstract :

The present invention discloses an active and standby switching interface module, a network element system and a method for synchronizing and detecting link information. In the scheme of the present invention, the standby switching function interface module sends a synchronization detection request message to a synchronization module, and performs synchronization processing on the link information on the standby switching function interface module according to a synchronization detection reply message from the synchronization module, wherein the synchronization detection reply message encapsulates the link information on the active switching function interface module. The scheme provided by the present invention effectively performs the synchronization and consistent detection on the link information, thereby correctly switch the data on the active switching function interface module to the link of the standby switching function interface module when the active switching function interface module is required to perform the active and standby switching due to problems such as the failure and so on.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR INTERACTING MESSAGES BASED ON SIMPLE NETWORK MANAGEMENT

(51) International classification :H04L29/06
(31) Priority Document No :200910142236.8
(32) Priority Date :23/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/072997
Filing Date :20/05/2010
(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

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(57) Abstract :

A method for interacting messages based on a Simple Network Management Protocol (SNMP) is disclosed by the present invention. The method includes: when receiving an SNMP message sent from an SNMP management station, an SNMP proxy estimating a suggested timeout value of the SNMP message and feeding the suggested timeout value back to the SNMP management station; and the SNMP management station waiting for a response of the above SNMP message according to the suggested timeout value. A corresponding SNMP proxy is further disclosed by the present invention. Since the method of the present invention adopts the technical measure of dynamically determining the timeout period of the management station in an interaction manner between the SNMP management station and the SNMP proxy, the drawbacks of manually setting timeout period are overcome, occurrences of timeout event are effectively reduced, and the efficiency of implementing network management using SNMP is improved.

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.143/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MANAGING VIDEO ADAPTATION ALGORITHMS

(51) International classification :H04N7/24
(31) Priority Document No :61/187396
(32) Priority Date :16/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038756
Filing Date :16/06/2010
(87) International Publication No :WO 2010/148048 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 :

Techniques are described for controlling the operation of a dynamic rate adaptation algorithm by modifying control parameters exposed by the dynamic rate adaptation algorithm. In one aspect, an apparatus comprises a rate adaptation module comprising a plurality of control parameters. The rate adaptation module monitors conditions of a network and adjusts a coding rate of a media encoder based on the network conditions and the plurality of control parameters. Each of the plurality of control parameters specifies a threshold value or a timing value that controls a response of the rate adaptation algorithm to the network conditions. The apparatus also comprises a client that receives a value for a first one of the plurality of control parameters and sets the first control parameter to the received value.

No. of Pages : 45 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.149/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : UPLINK CONTROL SIGNAL DESIGN FOR WIRELESS SYSTEM

(51) International classification :H04W72/14
(31) Priority Document No :61/222981
(32) Priority Date :03/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/001033
Filing Date :05/07/2010
(87) International Publication No :WO 2011/000110 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)MO-HAN FONG
5)ROBERT NOVAK
6)JUN YUAN

(57) Abstract :

Transmission of uplink control message for a wireless system. The uplink control message may be encoded according to one of multiple possible schemes. The choice of encoding scheme may be made based on the control message size and/or based on the available transmission resources and/or based on the detection scheme used on the receiving end. A modulation scheme may also be selected based on such factors. CDM may be used for certain control messages. Block code encoding, such as Reed-Muller encoding may be used for certain control messages. Different transmission resources may be allocated for different control message uses. The encoding specifics may be selected to obtain a certain hamming distance and/or size of the encoded message or based on other factors.

No. of Pages : 77 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.165/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : ULTRASOUND PROBE AND METHOD OF USING THE SAME

(51) International classification :A61B8/00
(31) Priority Document No :12/503,352
(32) Priority Date :15/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/041075
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
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3)CHRISTINA ZEISLER

(57) Abstract :

A flat ultrasound probe includes a housing having sidewalls each having a height a bottom surface for contacting an external surface of a patient during operation of the probe the bottom surface having a width larger than the height of the sidewalls and a flat portion and a recession in the bottom surface for containing a transmission material on an outer surface of the housing for aiding in transmission of ultrasound signals the recession being rounded on all sides where the recession contacts the flat portion of the bottom surface.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1669/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :14/07/2009

(43) Publication Date : 15/03/2013

(54) Title of the invention : PREPARATION OF GRANISETRON AND INTERMEDIATES THEREOF

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR REDDYS LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :7-1-27 AMEERPET HYDERABAD
(33) Name of priority country	:NA	Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR VILAS DAHANUKAR
(87) International Publication No	: NA	2)DR SUJU CHUTTIPPARA.JOSEPH
(61) Patent of Addition to Application Number	:NA	3)EDA VISHNU VARDHANA VEMA REDDY
Filing Date	:NA	4)KALLAM SRINIVASA REDDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a process processes for the preparation of pure granisetron and its pharmaceutically acceptable salts, substantially free of process related impurities. This invention also further provides a process for the preparation of 1-methyl-indazole-3carboxylic acid and endo-3-methyl-azabicyclo [3.3.1]nonan-3-amine with very high purity which is useful for the preparation of pure granisetron and its pharmaceutically acceptable salts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1704/CHENP/2008 A

(19) INDIA

(22) Date of filing of Application :04/04/2008

(43) Publication Date : 15/03/2013

(54) Title of the invention : A CATALYST COMPOSITION

(51) International classification	:C08F10/02
(31) Priority Document No	:60/456,373
(32) Priority Date	:21/03/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/05018
Filing Date	:20/02/2004
(87) International Publication No	:WO/2004/094487
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2338/CHENP/2005
Filed on	:20/02/2004

(71)Name of Applicant :

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1)COALTER,JOSEPH,N III

2)VAN, EGMOND, JAN,W

3)THERIAULT,CURT, N

4)PAINTER, ROGER, B

(57) Abstract :

The present invention relates to a catalyst composition, method of formation and process of use in the polymerization of olefin monomers, said composition comprising a catalyst compound, an activator capable of converting said compound into an active catalyst for addition polymerization, optionally a carrier, further optionally a liquid diluent, and a hydroxycarboxylate metal salt additive.

No. of Pages : 40 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1577/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : NOVEL CRYSTALLINE FORMS OF TOLVAPTAN AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification

:A61K31/00

(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

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1)SETHI, MADHURESH KUMAR

2)RAWAT, VIJENDRASING

3)THIRUNAVUKARASU, .JAYAPRAKASH

4)YERRAMALA, RAJA KRISHNA

(57) Abstract :

The present invention relates to novel crystalline forms of Tolvaptan and process for the preparation thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1618/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : DENTAL CEMENT SYSTEM

(51) International classification :A61K6/06

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/SE2007/050574
Filing Date :23/08/2007

(87) International Publication No :WO 2009/025599
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)HERMANSSON, LEIF

2)LOOF, JESPER

3)ENGQVIST, HAKAN

(57) Abstract :

A dental cement system, comprising an aqueous hydration liquid and a powdered material that essentially consists of an inorganic cement system, which powdered material has the capacity to form a complex, chemically bonded material with inorganic as well as organic phases with properties suitable for cementation of implant to another implant and/or tooth or bone tissue. The invention relates to the powdered material and the hydration liquid, respectively, as well as the formed ceramic material and a kit comprising the system.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND ROUTER FOR IMPLEMENTING MIRRORING

(51) International classification :H04W24/00
(31) Priority Document No :200910147320.9
(32) Priority Date :11/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/073460
Filing Date :24/08/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Industrial Park Nanshan Shenzhen Guangdong 518057 China
(72)**Name of Inventor :**
1)Ning LI
2)Xi YANG
3)Qing WANG

(57) Abstract :

The present invention discloses a method for implementing mirroring of a router, including: configuring a remote mirroring port on a source router, establishing a corresponding layer two virtual interface for said remote mirroring port, and specifying a data stream requiring mirroring and a corresponding physical egress port for said layer two virtual interface; establishing a layer two virtual interface corresponding to the layer two virtual interface of said source router on a destination router; forming one VPWS tunnel between the layer two virtual interfaces of said source router and said destination router; filtering out the mirroring data stream from the packet received at the remote mirroring port of said source router, and sending obtained mirroring packet from the physical egress port on said source router to said destination router; said destination router searching the layer two virtual interface on said destination router after receiving mirroring packet, and sending mirroring packet without a label from a physical port corresponding to its layer two virtual interface to a monitoring port, thereby implementing router remote mirroring. The present invention further discloses a router to support implementing remote mirroring.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1678/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :10/07/2008

(43) Publication Date : 15/03/2013

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

(51) International classification

:C07D
223/00

(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

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1)KARUSALA, NAGESWARA RAO

2)TUMMALAPALLY, UMA SANKARA SASTRY

3)TALATALA, APPI REDDY

4)DATTA, DEBASHISH

(57) Abstract :

The present invention relates to an improved process for the preparation of 10-oxo-10,11-dihydro-5H-dibenz[b,f]azepine-5-carboxamide (Oxcarbazepine) by reacting 10-methoxy-5H-dibenz[b,f]azepine (10-methoxyiminostilbene) and alkali metal cyanate in presence of α -hydroxy acids, and also relates to the process for the preparation of carbamazepine from iminostilbene. Further the present invention is directed to the novel crystalline form of 10-methoxy carbamazepine.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : OPTICAL INTERCONNECTION ARRANGEMENT FOR HIGH SPEED&NBSP; HIGH DENSITY COMMUNICATION SYSTEMS

(51) International classification :H04B10/13
(31) Priority Document No :61/186,718
(32) Priority Date :12/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038103
Filing Date :10/06/2010
(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 :

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(72)Name of Inventor :

1)Kalpendu SHASTRI

2)Bipin DAMA

3)Mark WEBSTER

(57) Abstract :

An optical interconnection arrangement for use in high data applications is presented that eliminates the need for extensive serialization/de-serialization (SERDES) functionality by utilizing pulse amplitude modulation (PAM) techniques to represent the data in the optical domain while utilizing a separate channel for transmitting an optical clock signal eliminating the need for clock recovery circuitry on the receive end of the arrangement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1739/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :11/03/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : RECOMBINANT ANTI-EPIDERMAL GROWTH FACTOR RECEPTOR ANTIBODY COMPOSITIONS

(51) International classification	:C07K16/28
(31) Priority Document No	:PA 2008 01202
(32) Priority Date	:29/08/2008
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2009/050217
Filing Date	:27/08/2009
(87) International Publication No	:WO 2010/022736 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)PEDERSEN, MIKKEL, WANDAHL

2)KRAGH, MICHAEL

3)HEY, ADAM, S.

4)JACOBSEN, HELLE

(57) Abstract :

The invention relates to the field of recombinant antibodies for use in human cancer therapy. More specifically the invention provides the use of an antibody composition with two distinct non-overlapping binding specificities to human EGFR. The antibody composition is effecting in treating cancer following treatment with other anti-EGFR antibodies, whether the cancer shows progression during or following the prior treatment or not. The antibody composition can also be used for repeated treatment of recurrent tumours following first-line therapy with the antibody composition of the invention, as the composition does not lead to selection of resistant tumours. A further therapeutic use is the use of an antibody composition of the invention for treatment of cancer that is resistant to known anti-EGFR antibodies.

No. of Pages : 277 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.175/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR INSTALLATION AND REMOVAL OF OVERHEAD COOLING EQUIPMENT

(51) International classification	:H05K7/20
(31) Priority Document No	:12/483,408
(32) Priority Date	:12/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035418
Filing Date	:19/05/2010
(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 :**
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(72)**Name of Inventor :**
1)GRANTHAM Roy
2)LEMKE Kevin

(57) Abstract :

Disclosed is a data center comprising a first row of equipment racks a second row of equipment racks a hot aisle defined by a space between the first row of equipment racks and the second row of equipment racks and a track system above the hot aisle of the data center upon which cooling units may be mounted. Cooling units may be moved along the track system. The track system may include portions of track secured to the top sides of one or more cooling units. Also disclosed is a method for installing a cooling unit above a hot aisle of a data center including a plurality of equipment racks.

No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.176/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SELECTIVE CONTENT EXTRACTION

(51) International classification :G06Q50/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/049298

Filing Date :30/06/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)Sam LIU

2)Parag JOSHI

3)Yuhong XIONG

4)Clayton ATKINS

5)Jerry LIU

(57) Abstract :

A method for extracting web content includes detecting within a web page a hierarchical structure that includes a plurality of nodes. Potential article nodes from the plurality of nodes are identified. The identified potential article node with a highest rank in the hierarchical structure is identified as an article node. Content is extracted from the article node.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.177/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : NO FILTER NO RUN FLUID FILTRATION SYSTEM□

(51) International Classification	:B01D27/14
(31) Priority Document No	:61/230,796
(32) Priority Date	:03/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044233
Filing Date	:03/08/2010
(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 :

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(72)Name of Inventor :

1)THOMAS Chad M.

2)JOHNSON Mark J.

(57) Abstract :

An upper endcap of a fuel filter cartridge includes a skirt an axially extending pin surrounded by the skirt and a plurality of ribs that define fluid flow channels leading to the pin. The pin is extendable through an axially facing fluid opening disposed on a filter head for actuating a valve to an open position allowing fluid to flow through the axially facing opening and exit from a fluid outlet opening. The valve can include a hole that receives the pin therein to help stabilize the valve when the valve is actuated open.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1782/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/03/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DISPLAY PANEL AND DISPLAY DEVICE USING THE SAME

(51) International classification	:H01L29/786, G09F9/00, G09F9/30	(71)Name of Applicant : 1)SHARP KABUSHIKI KAISHA Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(31) Priority Document No	:257534/2008	(72)Name of Inventor : 1)TADAYOSHI MIYAMOTO
(32) Priority Date	:02/10/2008	2)KATSUYUKI SUGA
(33) Name of priority country	:Japan	3)FUMIYOSHI YOSHIOKA
(86) International Application No	:PCT/JP2009/060255	4)SATOMI HASEGAWA
Filing Date	:04/06/2009	
(87) International Publication No	:WO 2010/038511 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A display panel (100) is provided which allows optimization of the respective characteristics of different semiconductor elements without incurring an increase in manufacturing cost. The display panel (100) includes: pixel TFTs (11) disposed in a display section (101); scanning driver TFTs (12) disposed in a scanning driver (102); and data driver (13) disposed in a data driver (103). A polysilicon film of the pixel TFTs (11), the scanning driver TFTs (12), and the data driver TFTs (13) is polycrystallized by irradiation of laser light so as to have a crystal growth direction that goes along a scanning direction of the laser light. The pixel TFTs (11) are disposed so that the crystal growth direction of the polysilicon film is substantially perpendicular to the directions of current paths of the pixel TFTs (11). The scanning driver TFTs (12) and the data driver TFTs (13) are so that the crystal growth direction of the polysilicon film is substantially parallel to the directions of current paths of the scanning driver TFTs (12) and the data driver TFTs (13).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1703/CHENP/2008 A

(19) INDIA

(22) Date of filing of Application :04/04/2008

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR MINIMIZING ABERRATING EFFECTS IN IMAGING SYSTEMS

(51) International classification	:G06K9/00
(31) Priority Document No	:60/459,417
(32) Priority Date	:31/03/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/09743
Filing Date	:31/03/2004
(87) International Publication No	:WO/2004/090581
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2472/CHENP/2005
Filed on	:31/03/2004

(71)Name of Applicant :

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2)KUBELA, KENNETH, SCOTT

3)BARON, ALAN, EUGENE

(57) Abstract :

An imaging system for reducing aberrations from an intervening medium , and an associated method of use are provided. The system may be an optical or t task-based optical imaging system including optics, such as a phase mask, for imaging a wave front of the system to an intermediate image and modifying phase of the wave front such that an optical transfer function of the system is substantial invariant to focus-related aberrations from the medium. A detector detects the intermediate image, which is further processed by a decoder, removing phase effects from the optics and forming a final image substantially clear of the aberrations. Other systems may employ an encoder that codes wave fronts of acoustical waves propagating through a medium to make the wave fronts substantially invariant to ; caustically aberrations from the medium. Imaging and decoding of the wave fronts receive effects of the wave front coding and produce sounds substantially free of the aberrations.

No. of Pages : 82 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.179/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : HANDOVER CONTROL METHOD APPARATUSES AND COMMUNICATION SYSTEM

(51) International classification :H04W36/38
(31) Priority Document No :200910142291.7
(32) Priority Date :29/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073674
Filing Date :08/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)ZHANG Tao
2)LIN Bo
3)WANG Yan
4)CHAI Li

(57) Abstract :

The present invention discloses a handover control method device and communication system. In the invention embodiment a handover request message is routed to the right Donor E-UTRAN Node B (DeNB) and eventually reaches a Relay Node (RN) by identifying the DeNB of the RN according to the established correspondence between the RN and the DeNB which enables the handover process from the User Equipment (UE) to the RN control cell to be carried out normally.

No. of Pages : 42 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.180/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHODS AND APPARATUS FOR OPTIMIZATION OF FEMTOCELL NETWORK MANAGEMENT

(51) International classification :H04W84/04
(31) Priority Document No :12/496,550
(32) Priority Date :01/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040804
Filing Date :01/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)CHOI Hyung-Nam

2)BIENAS Maik

3)LUFT Achim

(57) Abstract :

Methods and apparatus that reduce network management overhead required for the operation of wireless femtocells. In one aspect of the invention a central network entity governs the simultaneous operation of several femtocells by specifying modes of operation and operational parameters for one or more of the femtocells. In one embodiment at least one of the specified modes of operation directs a femtocell to operate in a substantially autonomous manner within the network-defined operational parameters. The network-defined constraints are provided to the femtocell for example responsive to a successful registration attempt.

No. of Pages : 63 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.181/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : FILTERING METHOD SYSTEM AND EQUIPMENT

(51) International classification :H04B
(31) Priority Document No :200910174223.9
(32) Priority Date :23/09/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073109
Filing Date :24/05/2010
(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

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2)LONG Guozhu
3)LI Cheng
4)DONG Huishen
5)JIA Yuchen

(57) Abstract :

The present invention relates to the field of digital communication technology and discloses a method a system and a device for filtering processing. The filtering method includes the following steps: Filtering coefficients of partial subcarriers among all subcarriers are obtained according to data transmission errors; according to the filtering coefficients of the partial subcarriers the filtering coefficients of residual subcarriers are obtained by adopting interpolation algorithm; according to the filtering coefficients of the partial subcarriers and the residual subcarriers the data corresponding to multiple subcarriers are filtered. The partial subcarriers are selected at regular intervals or the subcarriers which are apart from the selected partial subcarriers in the last filtering coefficients update by a variable distance are selected. The method of the embodiment of the present invention can reduce the amount of computation thereby saving the hardware overhead and reducing the cost.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.173/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : HDMI TMDS OPTICAL SIGNAL TRANSMISSION USING PAM TECHNIQUE

(51) International classification :H04N5/44
(31) Priority Document No :61/186,821
(32) Priority Date :13/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038456
Filing Date :14/06/2010
(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

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4)Mark WEBSTER

(57) Abstract :

An HDMI interconnect arrangement is presented that performs a pulse-amplitude modulation (PAM) conversion of the TMDS audio/video signals in order to simultaneously transmit all three channels over a single optical fiber. The set of three audio/video TMDS channels is applied as an input to a PAM-8 optical modulator which functions to encode the set of three channels onto an optically-modulated output signal. The modulated optical signal is thereafter coupled into an optical fiber within an active HDMI cable and transmitted to an HDMI receiver (sink). The TMDS CLK signal is not included in this conversion into the optical domain but remains as a separate electrical signal to be transmitted along a copper signal path within the active HDMI cable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.174/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MIXED GAS ENGINE

(51) International classification

:F01B

(31) Priority Document No

:RO a 2009
00421

(32) Priority Date

:05/06/2009

(33) Name of priority country

:Romania

(86) International Application No

:PCT/RO

Filing Date

2009/000008

:20/07/2009

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)FOLEA Gabriel

2)GOSTIN Marin

(57) Abstract :

The mixed gas engine in accordance with the invention is used to obtain a power that is transmitted to a shaft to turn it and it is made up of an oilbath body subassembly A containing a crankshaftconnecting rodspiston subassembly B and over which is a cylinder unit subassembly C a recuperator distributor body subassembly D containing a rocker shaft subassembly E a camshaft subassembly F1 and another recuperator distributor subassembly G that also contains a rocker shaft subassembly H and a camshaft subassembly I all connected to a pressurized circuit consisting of pressure pipes 164 a valve 165 a manometer 166 a bottle 167 and a compressor 168 known and not marked.

No. of Pages : 45 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1740/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :11/03/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : RANKING SEARCH RESULTS BASED ON AFFINITY CRITERIA

(51) International classification :G06F17/30
(31) Priority Document No :12/210,047
(32) Priority Date :12/09/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2009/006793
Filing Date :10/09/2009
(87) International Publication No :WO 2010/029410
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)DANY SYLVAIN

(57) Abstract :

The present invention relates to searching content databases and ranking the search results of the searches based, at least in part, on affinity criteria for a particular user. Notably, a given user will communicate through various means with contacts. The identities of some, if not all, of the contacts with which the user communicates are used to create an affinity list. For each contact in the users affinity list, a record of the items that have been accessed by that user is maintained as access history information. Each contact may have access history information, and the collection of the access history information for some or all of the contacts in the users affinity list is generally referred to as affinity criteria. When the user initiates a search for items in contact databases, items returned from the search are ranked based, at least in part, on the affinity criteria.

No. of Pages : 48 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.182/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR ASSIGNING AND PROCESSING A LABEL IN AN OPTICAL NETWORK OPTICAL COMMUNICATION DEVICE&NBSP; AND OPTICAL COMMUNICATION SYSTEM

(51) International classification	:H04Q
(31) Priority Document No	:200910150111.X
(32) Priority Date	:03/07/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/074760
Filing Date	:30/06/2010
(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

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China

(72)**Name of Inventor :**
1)LIN Yi
2)ZI Xiaobing

(57) Abstract :

The present invention discloses a method for assigning and processing a label in an optical network, an optical communication device, and an optical communication system, capable of assigning labels for an OTN network supporting different signal types and tributary slot types. The method includes: learning that a label switched path is required to be established in an optical network; generating a label according to a signal type of the label switched path and network resources, in which the label is used for indicating that a first optical channel data unit is multiplexed to a second optical channel data unit; the label includes a tributary slot type indication field that is used for indicating a tributary slot type of the second optical channel data unit, and the label further includes a tributary slot assignment indication field that is used for indicating a tributary slot occupied in the second optical channel data unit into which the first optical channel data unit is multiplexed; and sending the label to a node on the label switched path by a signaling message of General Multi-Protocol Label Switching. The present invention further provides a corresponding optical communication device and optical communication system.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.171/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : INTERACTIVE RESPONSE SYSTEM&NBSP; AND METHOD AND APPLICATION SERVER FOR ENABLING RESPONSE THEREOF

(51) International classification	:H04M3/493
(31) Priority Document No	:200910147389.1
(32) Priority Date	:22/06/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/074151
Filing Date	:21/06/2010
(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 :**
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1)Kun LIU

(57) Abstract :

The present invention provides an interactive response system, and a method and application server for implementing response thereof, and the method includes: a user terminal completing media negotiation with a media server by means of an application server; the application server sending an identifier of a video file to the media server by a PlayCollect request message, the media server obtaining the video file according to the identifier and playing the video file to the user terminal. The present invention implements video interactive functions, such as video information display, media playing control and so on, based on an interactive voice response system, and provides more visual video experiences for users based on the voice response, and at the same time, the system opens an interface for services, which can be controlled by the services flexibly, and has great versatility and advantages to service development and usage in large-scale, and can also promote the development and the popularization of a multi-media interactive video voice response system service as well.

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1779/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/03/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHODS AND APPARATUS FOR AN ENHANCED MEDIA CONTENT RATING SYSTEM

(51) International classification :H04H60/31,
H04H60/46
(31) Priority Document No :12/203,087
(32) Priority Date :02/09/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US09/054681
Filing Date :21/08/2009
(87) International Publication No :WO 2010/027713
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)BAAZIZ ACHOUR
3)BRIAN K. BUTLER
4)PETER CARSON
5)SANJAY K. JHA

(57) Abstract :

Methods, apparatus, systems and computer program products are provided for an improved media content rating system. The rating system herein disclosed is highly-granular in nature, in that, the rating system allows for ratings to be based on the number of times that portions, segments, clips of the media file are played or otherwise executed, as opposed to basing the media content rating solely on the number of times that the media file is played. In this regard, the aspects herein described may further provide for ratings of the portions, segments, clips of the media content as opposed to limiting the rating to a rating for the overall media content file.

No. of Pages : 46 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.178/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR COOPERATIVE RESOURCE SCHEDULING AND COOPERATIVE COMMUNICATION

(51) International classification	:H04W72/02
(31) Priority Document No	:201010113795.9
(32) Priority Date	:11/02/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/078710
Filing Date	:15/11/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)ZHANG Gong
2)YANG Xun
3)HE Cheng
4)PAN Lujia
5)FENG Dayang

(57) Abstract :

The embodiments of the present invention relate to mobile communication technique, in particular relate to a method, an apparatus and a system for cooperative resources scheduling and cooperative communication. The method for cooperative resources in the embodiments of the present invention comprises obtaining, by a network central controller, statistical information of all the users dominated by it in a first time period, dividing base stations to base station cooperative clusters according to the statistical information, and transmitting cooperative cluster dividing result to the base stations, wherein the cooperative cluster dividing result is used by the base stations to allocate cooperative resources according to the statistical information of the users belonging to a cooperative cluster in a second time period. The corresponding method and apparatus for cooperative communication are also provided. The solutions of the embodiments of the present invention can increase the transmission rate and user experience for the users at the edge of the cooperative cluster, and improve the fairness of the system users, while reducing the signaling overhead of the system, separating the computational tasks and reducing the difficulty of implementing the whole system.

No. of Pages : 26 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.189/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : PORTABLE INVENTORY TRACKING SYSTEM

(51) International classification :G06Q10/00

(31) Priority Document No :12/503,012

(32) Priority Date :14/07/2009

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

(86) International Application No :PCT/US2010/041820

Filing Date :13/07/2010

(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 :

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(72)Name of Inventor :

1)PETER GODLEWSKI

(57) Abstract :

A system for tracking the quantity of an item is disclosed. The system includes a portable terminal a client and a cabinet. The portable terminal is configured to receive information indicating a change in the quantity of the item in a container. The portable terminal includes a unique identifier an input device configured to be actuated to indicate the change in the quantity of the item in the container and a transceiver configured to transmit the information indicating. The client is configured to associate the portable terminal with the item based on the unique identifier and includes a transceiver configured to receive and transmit the information. The cabinet includes the container and a controller configured to change a value indicating a quantity of the item based on the information transmitted from the client. A method for tracking the quantity of an item is also provided.

No. of Pages : 28 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.187/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR OFFLOADING PROCESSING SERVICE&NBSP; COMMUNICATION APPARATUS AND NETWORK SYSTEM

(51) International classification	:H04W28/08
(31) Priority Document No	:201010605392.6
(32) Priority Date	:24/12/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/079672
Filing Date	:15/09/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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China
(72)**Name of Inventor :**
1)ZHOU Zongrong
2)LIU Hua
3)LI Peisong

(57) Abstract :

A method for offloading processing service, comprising: acquiring a first packet carrying payload data and transmitted from a user equipment; identifying a service type of the first packet by using Deep Packet Inspection DPI technique; determining a transmission channel interface that corresponds to the identified service type according to a first correspondence relationship between service types and transmission channel interfaces; and transmitting, via the determined transmission channel interface, the first packet to a destination end to which the user equipment requests for access. A method for offloading processing service, comprising: acquiring a second packet transmitted from a user equipment, the second packet carries therein information of a destination end; determining a transmission channel interface that corresponds to the information of the destination end carried in the second packet according to a second correspondence relationship between the information of the destination end and the transmission channel interface; and transmitting, via the determined transmission channel interface, the second packet to the destination end that corresponds to the information of the destination end carried in the second packet.

No. of Pages : 44 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1929/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ANALYZING SERVICE BASED SYSTEMS

(51) International classification	:G06Q	(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)KULKARNI,NAVEEN NARAYANRAO
(87) International Publication No	: NA	2)PARACHURI, DEEPTI
(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, system and computer program product for analyzing a service based system. Business model data including one or more activities is received. A plurality of service characteristics is determined from the business model data for each activity group. The plurality of service characteristics are used to determine inferences regarding candidate service identification, service portfolio evaluation, service impact analysis, and so forth corresponding to the service based system.

No. of Pages : 32 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : VIDEO CALL SYSTEM, CALLING-SIDE TERMINAL, RECEIVING-SIDE TERMINAL, AND PROGRAM

(51) International classification	:H04M3/56
(31) Priority Document No	:2009-170613
(32) Priority Date	:21/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/061678
Filing Date	:09/07/2010
(87) International Publication No	:WO 2011/010564
	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)YAMAGATA, JUN

4)KUSUNOKI, TETSUO

5)KAWAGUCHI, FUMIYA

6)OHNO, HIROSHI

(57) Abstract :

A calling-side terminal requests transmission of live icon images to receiving-side terminals as video call destination candidates. Each receiving-side terminal having received this request transmits live icon images B obtained by capturing an image of a place of installation of the receiving-side terminal to the calling-side terminal. The calling-side terminal causes attribute information A on the receiving-side terminals as the video call destination candidates to be displayed on a screen of a display and also causes the live icon images B received from the receiving-side terminals to be displayed on the screen of the display. Thereafter, an operation input of designating a video call destination out of the displayed candidates is received and the start of a video call is requested to the designated receiving-side terminal.

No. of Pages : 56 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1985/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/03/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : AGGREGATION OF WRITE TRAFFIC TO A DATA STORE

(51) International classification	:G06F9/06, G06F12/00
(31) Priority Document No	:12/234,411
(32) Priority Date	:19/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/055198
Filing Date	:27/08/2009
(87) International Publication No	:WO 2010/033365 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)BRENDER, SCOTT
3)MEHRA, KARAN
4)MOSS, DARREN G
5)TIPTON, WILLIAM, R.
6)VERMA, SURENDRA

(57) Abstract :

A method and a processing device are provided for sequentially aggregating data to a write log included in a volume of a random-access medium. When data of a received write request is determined to be suitable for sequentially aggregating to a write log, the data may be written to the write log and a remapping tree, for mapping originally intended destinations on the random-access medium to one or more corresponding entries in the write log, may be maintained and updated. At time periods, a checkpoint may be written to the write log. The checkpoint may include information describing entries of the write log. One or more of the checkpoints may be used to recover the write log, at least partially, after a dirty shutdown. Entries of the write log may be drained to respective originally intended destinations upon an occurrence of one of a number of conditions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.186/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : IMPROVED CONTROL OF A POWER TRANSMISSION SYSTEM

(51) International classification :H02J3/24

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/057248

Filing Date :11/06/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)KORBA Petr

3)MAJUMDER Rajat

4)RAY Swakshar

(57) Abstract :

The invention provides improved control of a power transmission system having a first group of measurement units (10 12 14) in a first geographical area (A_1) providing a first set of phasors and a second group of measurement units (16 18) in a second geographical area (A_2) providing a second set of phasors where the phasors in the sets are generated at the same instant in time. In this system the power control device (32) includes a phasor aligning unit (30) that time aligns the first and second sets of phasors and a control unit (33) that compares each set of phasors with a corresponding phasor number threshold determines that a first control condition is fulfilled if each phasor number threshold has been exceeded and enables the provision of a common signal if the first control condition is fulfilled. The common signal is based on the obtained phasors in the first and second sets.

No. of Pages : 48 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.190/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MOBILE COMMUNICATION METHOD, MOBILE COMMUNICATION SYSTEM, SUBSCRIBER MANAGEMENT SERVER DEVICE, AND MOBILE SWITCHING CENTER

(51) International classification	:H04W48/18
(31) Priority Document No	:2009-159197
(32) Priority Date	:03/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/061348
Filing Date	:02/07/2010
(87) International Publication No	:WO 2011/002088
	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)KANAUCHI, MASASHI

(57) Abstract :

A mobile communication method according to the present invention comprising the subscriber management server device HSS determines either the radio access network of the WCDMA scheme or the radio access network of the LTE scheme as the standby radio access network of the mobile station UE based on the CSFB capability presence/absence information included in the received Update GPRS Location/Update Location Request of received the mobile station UE, and a step in which the mobile station UE performs the standby operation in the standby radio access network of the mobile station UE determined by the subscriber management server device HSS.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1997/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : PEPTIDE COMPOUND AND METHOD FOR PRODUCING THE SAME

(51) International classification	:C07K7/06, A61K38/00, A61P31/14
(31) Priority Document No	:2008-244410
(32) Priority Date	:24/09/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP09/066449
Filing Date	:18/09/2009
(87) International Publication No	:WO 2010/035722
	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)YAMANAKA, TOSHIO

4)OKUDA, SHINYA

5)SHIBAZAKI, MITSUYOSHI

(57) Abstract :

Provided is an efficient production method which is designed for an industrial production process and is superior in operability, purity, and the like. [Means for Solution] The present inventors have made extensive studies into an efficient production method which is designed for an industrial production process, is superior in operability, and makes it possible to obtain a high purity intermediate. As a result, they have found a method, elimination of a diamino acid, with which the number of steps can be reduced, purification by chromatography is not needed, and an intermediate can be obtained at a high purity, and have also found a method for producing a cyclic peptide compound that is known to have an anti-HCV activity, a peptide intermediate useful for the production, and a method for producing the intermediate, thereby completing the present invention. That is, according to the present invention, it becomes possible to supply the peptide intermediate and the cyclic peptide compound in large amounts and without repeating Edman degradation and thus without carrying out the step of chromatography accompanying the reaction.

No. of Pages : 42 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.246/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : CLOSURE AND CONTAINER HAVING THE SAME

(51) International classification	:B65D51/18
(31) Priority Document No	:10-2009-0055409
(32) Priority Date	:22/06/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/003957
Filing Date	:18/06/2010
(87) International Publication No	:WO 2010/151009 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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Korea

(72)Name of Inventor :

1)CHAE, DONG-SEUK

(57) Abstract :

The present invention relates to a closure and a container having the same. The closure includes a sealing portion 110 assembled to an aperture of a container to seal the container; a plurality of locking protrusions 112, each lock protrusion being connected to 5a hinge 111 extending from a lower rim of the sealing portion 110 to protrude inwards and fixed to a locking flange formed on the container; a cover portion 120 having a ring shape and assembled to an outside of the sealing portion 110 to be vertically movable with respect to the sealing portion 110; and a plurality of fixing protrusions 121 protruding from an inner circumferential surface of the cover portion 120 to support the 10 locking protrusions 112. The closure may be opened or closed by just one touch by means of relative vertical movements of the sealing portion and the cover portion, thereby ensuring convenient manipulation as well as excellent airtightness.

No. of Pages : 33 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.183/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : ILLUMINATION DEVICE&NBSP; DISPLAY DEVICE&NBSP; AND TELEVISION RECEIVER

(51) International classification	:F21S
(31) Priority Document No	:2009-162447
(32) Priority Date	:09/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/052310
Filing Date	:17/02/2010
(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

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(72)Name of Inventor :

1)KASAI Nobuhiro

(57) Abstract :

A backlight unit (49) for a display device (69) provided with a liquid crystal display panel (59) comprises a chassis (41) a diffusion plate (43) supported by the chassis and point-like light sources supported by mounting substrates (21) provided on the chassis. The point-like light sources comprise LEDs (22) mounted on the mounting substrates. The mounting substrates are connected to each other by connectors (25) to form rows (26) of the mounting substrates and the rows (26) are arranged side by side. The rows of the mounting substrates each consist of two short and long mounting substrates and the rows are arranged in a mixed state in such a manner that each row consisting of the two short and long mounting substrates is reversed with respect to each other. As a result the positions of the connectors are not aligned rectilinearly in the direction in which the rows of the mounting substrate are arranged.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.184/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : ILLUMINATION DEVICE&NBSP; DISPLAY DEVICE&NBSP; AND TELEVISION RECEIVER

(51) International classification	:F21S	(71)Name of Applicant :
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(32) Priority Date	:09/07/2009	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/JP2010/052515	(72)Name of Inventor :
Filing Date	:19/02/2010	1)KUROMIZU Yasumori
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A backlight unit (49) for a display device (69) provided with a liquid crystal display panel (59) comprises a chassis (41) a diffusion plate (43) supported by the chassis and point-like light sources supported by mounting substrates (21) provided on the chassis. The point-like light sources comprise light emitting modules (MJ). The mounting substrates are laid in a rectangular region (41a) adapted for arranging the mounting substrates therein and set on the chassis. The gaps at the boundaries between the mounting substrates do not continue in either the direction along the long sides and/or the direction along the short sides of the rectangular region so as to enable the rectangular region to be seen from end to end.

No. of Pages : 40 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2103/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/03/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : FLUID FLOW CONTROL MEMBERS FOR USE WITH VALVES

(51) International classification	:F16K39/02, F16K1/38
(31) Priority Document No	:12/202,876
(32) Priority Date	:02/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/053817
Filing Date	:14/08/2009
(87) International Publication No	:WO 2010/027626
	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)LIN, CHUN
2)MILLER, ERIC, ALAN
3)PELFREY, ROY, RONALD
4)SUN, YAN, TAO
5)JUN, FAN JIAN

(57) Abstract :

Fluid flow control members for use with valves are described herein. An example fluid flow control member for use with a valve includes a body having a first seating surface to control a flow of fluid through the valve. The body define a second seating surface apposite the first seating surface to control a flow of fluid through the valve. Additionally the body defines an aperture to receive a stem of the valve and a bore surrounded by the first seating surface to receive at least one of a seal or a sliding member each of which have first surface to be engaged by a second surface of a spring seat coupled to the stem to control a fluid flow through the valve.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.247/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MANUAL TOOL FOR APPLICATION OF A TILE LAYING DEVICE AND SIMILAR ARTICLES ON A SURFACE TO COAT

(51) International classification	:E04F15/02
(31) Priority Document No	:PI2009A000098
(32) Priority Date	:31/07/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/001902
Filing Date	:02/08/2010
(87) International Publication No	:WO 2011/012994
	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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1)MOLLIFICIO APUANO S.R.L.
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(72)Name of Inventor :
1)BONDIELLI, MAURO

(57) Abstract :

Manual tool (1) for application of a tile lay ing device (100) to tiles (150a, 150b) on a surface (200) to coat comprises a working head (15) having a support sur face (16) that is arranged, in use, next to a face (122) of a portion (120) of the device (100). In particular, the work ing head (15) has a side opening (20) through which the band member (160), connected to a portion (110) of the device (100) and protruding from the second portion (120) through the tiles (150a and (150b), is arranged according to the working head (15). The tool (1) comprises, further more, tensioning means (50) that is adapted to engage with the band member (160) and to apply on it a tension T1 in order to arrange the device (100) between a first position, in which the distance between the first portion (110) and the second portion (120) is larger than the thickness of the tiles (150a, 150b), and a second position, in which the dis tance between the first portion (110) and the second por tion (120) is equal to the thickness of the tiles (150a, 150b) and the second portion (120) pushes the tiles (150a, 150b) against the first portion (110) in such a way that it brings them to a same level.

No. of Pages : 46 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : INJECTION DEVICE

(51) International classification	:A61M5/20
(31) Priority Document No	:61/223,570
(32) Priority Date	:07/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2010/050770
Filing Date	:05/07/2010
(87) International Publication No	:WO 2011/005177
	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)GIAMBATTISTA, LUCIO

2)BENDEK, ANTONIO

(57) Abstract :

The present invention relates to an injection device comprises a generally elongated tubular housing having opposite proximal and distal ends; a needle shield sleeve slidably and coaxially arranged inside the housing and protruding a distance outside the proximal end of the housing; a syringe carrier mechanism comprising a syringe carrier slidably and coaxially arranged to the needle shield sleeve, wherein said syringe carrier comprises a syringe having a medicament and a needle; a first activator member slidably and coaxially arranged to the housing and connected to said needle shield sleeve; an actuating member slidably and coaxially arranged to the first activator member; a drive mechanism slidably and coaxially arranged to the actuating member and to the syringe carrier mechanism, said drive mechanism being controlled by the actuating member; a second activator member slidably and coaxially arranged to the distal end of the housing and fixedly connected to the actuating member; wherein the first and the second activator members are coaxially movable relative each other from a non-activation position wherein the activator members are abutting to each other to an activation position wherein the activator members are co-acting independent of the sequence in which said activator members are activated; and wherein only in the activation position is the actuating member capable of releasing the drive mechanism to move said syringe carrier mechanism for penetrating the needle and to deliver said medicament through the needle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.257/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : NOVEL PROTEIN AND GENE THAT CODES THEREFOR

(51) International classification	:C12N15/09
(31) Priority Document No	:2009-141312
(32) Priority Date	:12/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059952
Filing Date	:11/06/2010
(87) International Publication No	:WO 2010/143713
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)YAMAMOTO, TAKESHI

3)KAJIWARA, HITOMI

4)TSUKAMOTO, HIROSHI

(57) Abstract :

The present invention provides a novel protein having neuraminidase activity and/or β -galactoside- α 2,6-sialyltransferase activity and a nucleic acid encoding the protein. The present invention further provides a vector containing a nucleic acid encoding the protein, a host cell transformed with the vector, together with a method for producing a recombinant β -galactoside- α 2,6-sialyltransferase. The present invention also provides an antibody specifically recognizing the protein.

No. of Pages : 73 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.259/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : FURANCE AND PROCESS FOR CONTROLLING THE OXIDATIVE STATE OF MOLTEN MATERIALS

(51) International classification	:C03B5/235
(31) Priority Document No	:61/186,418
(32) Priority Date	:12/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038402
Filing Date	:11/06/2010
(87) International Publication No	:WO 2010/144858 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)HABEL, MICHAEL EDWARD
3)LIEVRE, KEVIN, ALAN
4)HE, XIAOYI

(57) Abstract :

A method useful with oxy-fuel combustion and in a furnace which contains molten material, wherein either substoichiometric or superstoichiometric combustion and low velocity injection of fuel and primary and secondary oxidant in an oxy-fuel burner are carried out in an orientation which forms either a reducing or oxidizing atmosphere proximate the molten surface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.262/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : CEMENTITIOUS MORTAR AND METHOD FOR IMPROVED REINFORCEMENT OF BUILDING STRUCTURES

(51) International classification	:C04B28/02
(31) Priority Document No	:MI2009A 001046
(32) Priority Date	:12/06/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2009/062106
Filing Date	:18/09/2009
(87) International Publication No	:WO 2010/142352
	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)MANTEGAZZA, GIOVANNI

(57) Abstract :

Cementitious mortar with improved characteristics for forming structures incorporating synthetic fibres, in particular in the form of webs, for reinforcing building structures. The mortar comprises a methylmethacrylate/n-butylacrylate copolymer resin and glass filaments dispersed in the mortar. The invention also relates to a reinforcement method for building structures, using said mortar.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.265/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMPOSITE POLYAMIDE ARTICLE

(51) International classification	:C08J5/04
(31) Priority Document No	:0954768
(32) Priority Date	:09/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/059276
Filing Date	:30/06/2010
(87) International Publication No	:WO 2011/003786
	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)ORANGE, GILLES
2)DURAND, ROLAND
3)TOURAUD, FRANCK

(57) Abstract :

The present invention relates to the use of polyamide of high melt flow 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.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1986/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :13/07/2010

(43) Publication Date : 15/03/2013

(54) Title of the invention : IDENTIFICATION OF A HIT COMPOUND, 2,2' - DIPYRIDYLAMINE INHIBITOR FOR THE SIRT1 AND SIRT2 PROTEINS

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)APTUIT LAURUS PVT LTD
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, SERENE CHAMBERS
(33) Name of priority country	:NA	ROAD #7, BANJARA HILLS HYDERABAD - 500 034 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PADMANABHAN BALASUNDARAM
(61) Patent of Addition to Application Number	:NA	2)SIVARAMAN PADVATTAM
Filing Date	:NA	3)SURESH MATTEGUNTA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to sirtuins, more particularly relates to identifying new compound(s) which inhibit the activity against SIRT1 and SIRT2 function.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1986/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/03/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : FINE-GRAINED CLIENT-SIDE CONTROL OF SCALABLE MEDIA DELIVERY

(51) International classification	:H04N7/24
(31) Priority Document No	:12/242,524
(32) Priority Date	:30/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/054081
Filing Date	:17/08/2009
(87) International Publication No	:WO 2010/039344 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 :

Techniques and tools for adjusting quality and bit rate of multiple chunks of media delivered over a network are described. For example, each of the multiple chunks is encoded as multiple layers (e.g., a base layer and multiple embedded residual layers) for fine-grained scalability at different rate/quality points. A server stores the encoded data for the layers of chunks as well as curve information that parameterizes rate-distortion curves for the chunks. The server sends the curve information to a client. For the multiple chunks, the client uses the curve information to determine rate-distortion preferences for the respective chunks, then sends feedback indicating the rate-distortion preferences to the server. For each of the multiple chunks, the server, based at least in part upon the feedback, selects one or more scalable layers of the chunk to deliver to the client.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1987/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/03/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : NESTED FILE SYSTEM SUPPORT

(51) International classification	:G06F9/06, G06F3/06
(31) Priority Document No	:12/242,123
(32) Priority Date	:30/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/057982
Filing Date	:23/09/2009
(87) International Publication No	:WO 2010/039521 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)RAJARAM, SENTHIL

3)CHRISTIANSEN, NEAL, R

4)SMITH, MALCOLM, JAMES

(57) Abstract :

A processing device and a machine-implemented method may be provided for tracking file system dependencies with respect to a volume residing on a storage device and guest volumes residing on virtual storage devices nested within the volume. A shim driver may receive an indication of a virtual storage device being surfaced and may parse contents to surface partitions and volumes contained within the virtual storage device to a system. The shim driver may open a guest volume nested within a host volume and may send a register request, regarding the guest volume, to a virtual disk mini-filter associated with the host volume. The virtual disk mini-filter may save information regarding a relationship between the host volume and the guest volume. The saved information may be used to prevent file system corruption when the host volume is dismounted or unexpectedly removed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2157/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/03/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : TRANSMITTERS FOR WIRELESS POWER TRANSMISSION

(51) International classification	:H02J7/02, H03F3/217
(31) Priority Document No	:61/097,859
(32) Priority Date	:17/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/057355
Filing Date	:17/09/2009
(87) International Publication No	:WO 2010/033727 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)LUKAS SIEBER

3)HANSPETER WIDMER

(57) Abstract :

Exemplary embodiments are directed to wireless power transfer. A wireless power transmitter includes a transmit antenna configured as a resonant tank including a loop inductor and an antenna capacitance. The transmitter further includes an amplifier configured to drive the transmit antenna and a matching circuit operably coupled between the transmit antenna and the amplifier. The transmitter also includes a capacitor integrating the antenna capacitance and a matching circuit capacitance.

No. of Pages : 36 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.268/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : ESTER GROUP CONTAINING LIQUID CRYSTALS FOR OPTICAL OR ELECTRO OPTICAL DEVICES

(51) International classification	:C09K19/20
(31) Priority Document No	:09164992.1
(32) Priority Date	:09/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/059528
Filing Date	:05/07/2010
(87) International Publication No	:WO 2011/003846
	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)ECKERT, JEAN-FRANCOIS

2)ROTH, MARTIN

(57) Abstract :

The invention relates to polymerisable liquid crystals compound (I) having a liquid crystalline phase and to liquid crystalline compositions comprising compounds (I), their use as birefringence layer.

No. of Pages : 53 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.270/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : ENHANCED CONDENSED MODE OPERATION IN METHOD OF PRODUCING POLYOLEFINS WITH CHROMIUM BASED CATALYSTS

(51) International classification	:C08F10/02
(31) Priority Document No	:61/224415
(32) Priority Date	:09/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041587
Filing Date	:09/07/2010
(87) International Publication No	:WO 2011/006111 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)JORGENSEN, ROBERT, J.

(57) Abstract :

A gas phase polymerization process for producing a polyethylene polymer including polymerizing ethylene and optionally at least one α -olefin comonomer in a fluidized bed reactor under condensed mode operating conditions using a Cr^+ based supported catalyst and a catalyst initiation enhancing agent is provided. The catalyst initiation enhancing agent is an aluminum alkyl solution that is present in the fluidized bed reactor at effective Al/Cr ratios between 0.2 to 1.5. A catalyst initiation enhancing system including at least one aluminum alkyl and at least one hydrocarbon solvent wherein the aluminum alkyl is present in the solvent at concentrations of less than about 0.03 molar.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.199/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(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/US2010/041602
Filing Date :09/07/2010
(87) International Publication No :WO 2011/006123 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)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 : 25 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.253/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : OXIDATION CATALYST DEVICE FOR EXHAUST GAS PURIFICATION

(51) International classification :B01D53/94
(31) Priority Document No :2009-139520
(32) Priority Date :10/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/058550
Filing Date :20/05/2010
(87) International Publication No :WO 2010/143508
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)TANAAMI, KIYOSHI
2)ISOGAI, YUJI
3)ISHIZAKI, KEITA

(57) Abstract :

There is provided an oxidation catalyst device for exhaust gas purification which can combust particulates in exhaust gas in a short time. An oxidation catalyst device for exhaust gas purification 1 comprises an oxidation catalyst 3 composed of a porous body formed by applying an aqueous solution of metal compounds constituting a complex metal oxide to a porous filter substrate 2 by any of a spray drying method, a spray pyrolysis method, and a freeze drying method, and calcining the aqueous solution. The oxidation catalyst 3 is composed of a complex metal oxide represented by any of $YMnO_3$, $Y1-xAgxMnO_3$ ($0.01 < x < 0.30$), and $Y1-xA\&Mn1-HAyO_3$ ($0.01 < x < 0.30$ and $0.005 < y < 0.30$, and A is any one metal of Ti, Nb, Ta, Ru, Ce, and Fe). The total porosity of the filter substrate 2 and the porous body is 50 to 80% by volume.

No. of Pages : 41 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.258/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : ELECTRICAL EQUIPMENT CONTAINING ERUCIC ACID DIELECTRIC OIL

(51) International classification :H01B3/20
(31) Priority Document No :61/223,656
(32) Priority Date :07/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040881
Filing Date :02/07/2010
(87) International Publication No :WO 2011/005675 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)LOPES, JOSE HUMBERTO
2)MAHONEY, DAVID V.
3)GARCIA-RAMIREZ, RAFAEL

(57) Abstract :

The present invention relates to a composition suitable for use in electrical equipment containing a dielectric fluid including an oil component, the oil component including one or both of crambe oil and high erucic acid rapeseed oil and one or both of esterified crambe oil and esterified high erucic acid rapeseed oil.

No. of Pages : 14 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.27/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE AND LIGHT SOURCE CONTROL METHOD

(51) International classification :G02F1/133
(31) Priority Document No :2009-159110
(32) Priority Date :03/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/055346
Filing Date :26/03/2010
(87) International Publication No :WO 2011/001725
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,
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(72)Name of Inventor :
1)ICHIOKA, HIDEKI
2)MURAI, TAKAYUKI
3)FUJIWARA, KOHJI

(57) Abstract :

Disclosed is a liquid crystal display device including: a VA-IPS mode liquid crystal display panel (60) ; a backlight unit (70) incorporating a PWM dimming type light source; and a control unit (1) that controls the liquid crystal display panel and the backlight unit, in which the control unit Q.) dotainslesponse speed data of orientation change of liquid crystal molecules (61M), and changes a duty factor of a PWM dimming signal according to the response speed data. In a case where the response speed (Vr) of the liquid crystal molecules (61M) is relatively high, LEDs (71) are driven with a relatively small duty factor. In a case where the response speed (Vr) of the liquid crystal molecules (61M) is relatively low, the LEDs (71) are driven with a relatively large duty factor, and black insertion is not performed. The liquid crystal display device prevents an image quality malfunction (multiple outlines) that is apt to occur depending on the degrees of inclination of the liquid crystal molecules.

No. of Pages : 207 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.282/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : HYDROCARBON GAS PROCESSING

(51) International classification	:F25J3/00
(31) Priority Document No	:61/186,361
(32) Priority Date	:11/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035121
Filing Date	:17/05/2010
(87) International Publication No	:WO 2010/144217 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)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 a compact processing assembly to recover ethane, ethylene, 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 : 58 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.269/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : FLUIDIZED BED REACTOR

(51) International classification	:B01J8/00
(31) Priority Document No	:20095674
(32) Priority Date	:12/06/2009
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2010/050490
Filing Date	:11/06/2010
(87) International Publication No	:WO 2010/142861
	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)LANKINEN, PENTTI

2)KINNUNEN, PERTTI

3)NEVALAINEN, TEEMU

(57) Abstract :

The present invention relates to a fluidized bed reactor (10), comprising a bottom portion (12), a roof portion (16) and side walls (14) vertically extending between the bottom portion and the roof portion, forming a reaction chamber (20) of the fluidized bed reactor, and a solids separator (18) in connection with the reaction chamber. At least one side wall (30.1) of the reaction chamber forms at least one indentation (34) in the reaction chamber (20), which indentation is substantially vertical and extends from the plane (32) of the side wall towards the reaction chamber.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.28/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MOUNTING SUBSTRATE FOR SEMICONDUCTOR LIGHT EMITTING ELEMENT, BACKLIGHT CHASSIS, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:H01L33/62
(31) Priority Document No	:2010-151461
(32) Priority Date	:01/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/061317
Filing Date	:02/07/2010
(87) International Publication No	:WO 2011/002078
	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 :

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(72)Name of Inventor :

1)TAKESHIMA, MITSURU

2)KATO, HIDEAKI

3)TSUTSUL, AKIO

(57) Abstract :

Disclosed are a mounting substrate for semiconductor light emitting elements, a backlight chassis containing the substrate, a display device and a television receiver. The manufacture of the substrate does not involve an increase in the number of steps, and the substrate has a simple structure that allows good heat dissipation of heat from semiconductor light emitting elements, and can suppress temperature increases when mounted thereupon with a flip flop-type semiconductor light emitting element. A mounting substrate (1) for semiconductor light emitting elements is provided with: pair of the electrode patterns (4, 5) that respectively connect the positive and negative electrodes of LED chips (2) on an insulating substrate (3) ; and wire patterns (6) that are drawn between the pair of the electrode patterns (4, 5). The pair of the electrode patterns (4, 5) have a larger surface area than the wire patterns (6) . This allows heat from the LED chips (2) to transfer favorably via the large electrode patterns (4, 5) to the insulating substrate (3) . The mounting substrate (1) for semiconductor light emitting elements is attached to a backlight chassis

No. of Pages : 64 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.283/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : HYDROCARBON GAS PROCESSING

(51) International classification	:B01D53/00
(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/US2010/026185
Filing Date	:04/03/2010
(87) International Publication No	:WO 2010/144163 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)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 a compact processing assembly to recover ethane, ethylene, 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 first and second absorbing means. The second stream is expanded to lower pressure and supplied as bottom feed to the second absorbing means. A distillation vapor stream from the first absorbing means is heated, compressed to higher pressure, and divided into a volatile residue gas fraction and a compressed recycle stream. The compressed recycle stream is cooled, expanded to lower pressure, and supplied as top feed to the first absorbing means. A distillation liquid stream from the second absorbing means is heated in a heat and mass transfer means to strip out its volatile components.

No. of Pages : 70 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2870/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/09/2010

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR COORDINATED USE OF TDD AND FDD BETWEEN SATELLITE AND ATC ELEMENTS

(51) International classification	:H04B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DEVAS MULTIMEDIA PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :102, EDEN PARK, 20 VITTAL
(33) Name of priority country	:NA	MALLYA ROAD, BANGALORE 560 001 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)M G CHANDRASEKHAR
(87) International Publication No	: NA	2)RAMACHANDRAN VISWANATHAN
(61) Patent of Addition to Application Number	:NA	3)D VENUGOPAL
Filing Date	:NA	4)GEORGE RONALD OLEXA
(62) Divisional to Application Number	:NA	5)KARI LEHTINEN
Filing Date	:NA	

(57) Abstract :

Method and system for coordinated use of TDD and FDD modes between satellite and CGC/ATC elements. This invention relates to hybrid satellite/terrestrial communication networks or integrated satellite networks, and more particularly to broadcasts using hybrid satellite/terrestrial communication networks or integrated satellite networks. The embodiments herein achieve a transceiver system in a hybrid satellite/terrestrial network or integrated satellite network capable of using a baseband technology common to both TDD and FDD modes. Embodiments herein use FDD and TDD modes in a combined satellite terrestrial system. A pseudo TDD satellite downlink channel is combined with an FDD satellite uplink. The system contains a user device capable of offsetting its uplink frequency and thereby operating in a pseudo FDD mode.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2854/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/09/2010

(43) Publication Date : 15/03/2013

(54) Title of the invention : VEHICLE SPEED CONTROL SYSTEM

(51) International classification	:F02M, F02D	(71) Name of Applicant : 1)M/S TVS MOTOR COMPANY LIMITED
(31) Priority Document No	:NA	Address of Applicant :NO. 29, HADDOWS ROAD,
(32) Priority Date	:NA	CHENNAI - 600 006 Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)DR. SAMREJ JABEZ DHINAGAR
Filing Date	:NA	2)MR. SUNIL KUMAR CHIPPA
(87) 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 Vehicle speed control system enables the user to control the speed of the vehicle without the requirement of the throttle pipe to be rotated or the accelerator pedal to be depressed in order to adjust the throttle position. A throttle position sensor identifies the application of force and provides a suitable signal to an Electronic Control Unit (ECU). The ECU controls the carburetor or fuel injector or Electronic Motor based on the throttle position sensor signal thereby controls the vehicle speed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.29/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : A DEVICE AND A METHOD FOR STERILIZATION OF PACKAGES

(51) International classification :B65B55/02
(31) Priority Document No :0900907-7
(32) Priority Date :03/07/2009
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2010/000177
Filing Date :24/06/2010
(87) International Publication No :WO 2011/002380
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)TETRA LAVAL HOLDINGS & FINANCE S.A.
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(72)Name of Inventor :
1)LINDBLAD, ULF
2)OLSSON, JENNY

(57) Abstract :

A device (1) for sterilization of packages (17) and a method of sterilizing packages are provided. The device comprises a gassing zone (7) for exposing the packages to a gaseous sterilization agent, inlet means (43) for introducing the gaseous sterilization agent into the gassing zone and a conveyor (15) for transporting the packages through the gassing zone in a transport direction (T). The device is characterized in further comprising separation means (49) arranged inside the gassing zone to divide at least an upper part (53) of the gassing zone into sub gassing zones (7a. 7b. 7c..), each of said separation means having an opening (61) for passage of the packages, each of at least a number of the inlet means being arranged to provide a flow of the gaseous sterilization agent at the opening of a respective one of the separation means.

No. of Pages : 31 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.31/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

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

(51) International classification :H02P21/00
(31) Priority Document No :PD2009A000165
(32) Priority Date :05/06/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2010/052493
Filing Date :04/06/2010
(87) International Publication No :WO 2010/140137
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)DI SANTO, FEDERICO

2)MARODIN, ENRICO

3)BERTOTTO, EZIO

(57) Abstract :

A method for controlling a motor by an inverter and by a vectorial technique, comprising the following steps: determining the value of a quadrature current I_q necessary for said motor to generate the desired torque; calculating the value of a direct current to be supplied to the motor by an equation as a function of the phase of the current vector on which the torque constant of the motor depends; calculating the power current of said motor from the direct current and the quadrature current; supplying the power current to the motor through the inverter.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : FERRITIC STAINLESS STEEL FOR EGR COOLER AND EGR COOLER

(51) International classification :C22C38/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2009/063370
Filing Date :27/07/2009

(87) International Publication No :WO 2011/013193
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)OKU, MANABU

2)NAKAMURA, SADAYUKI

3)HORI, YOSHIKI

(57) Abstract :

[Problem] Provided are a ferritic stainless steel suitable for EGR cooler members to be Ni-brazed, and an EGR cooler comprising the steel. An EGR cooler having a structure joined by Nbrazing is produced by using a ferritic stainless steel which contains, by mass, C: at most 0.03%, Si: from more than 0.1 to 3%, Mn: from 0.1 to 2%, Cr: from 10 to 25%, Nb: from 0.3 to 0.8%, and N: at most 0.03%, and optionally selectively contains (a) one or more of Mo, Cu, V and W in a total amount of at most 4%, (b) one or more of Ti, Al and Zr in a total amount of at most 0.3%, (c) one or more of Ni and Co in a total amount of at most 5%, and (d) one or more of REMs (rare earth metals) and Ca in a total amount of at most 0.2%, with a balance of Fe and inevitable impurities.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.32/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE AND LIGHT SOURCE CONTROL METHOD

(51) International classification :G02F1/133
(31) Priority Document No :2009-159087
(32) Priority Date :03/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/054392
Filing Date :16/03/2010
(87) International Publication No :WO 2011/001720
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)MURAI, TAKAYUKI
2)FUJIWARA, KOHJI
3)ICHIOKA, HIDEKI

(57) Abstract :

The present invention relates to a method for controlling a light source installed in a liquid crystal display device. The present invention includes a liquid crystal display panel (60) for displaying an image by virtue of having liquid crystals whose orientation changes in response to application of a voltage; a backlight unit (70) with a built-in PWM light modulation type LED (71) for emitting light to be supplied to the liquid crystal display panel; and a control unit (1) for controlling the liquid crystal display panel and the backlight unit. In cases where the response speed (V_r) of liquid crystal molecules (61M) is relatively high (V_{r2}), the LED (71) is driven at a relatively low drive frequency ($FQ[PWM]1$), whereas in cases where the response speed (V_r) of the liquid crystal molecules (61M) is relatively low (V_{r1}), the LED (71) is driven at a relatively high drive frequency ($FQ[PWM]2$). According to the present invention, problems with image quality that tend to occur depending on the degree of tilting of the liquid crystal molecules (ghost outlines) are prevented. The present invention is used, for example, in a VA-IPS mode liquid crystal display device.

No. of Pages : 147 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.30/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : PACKAGING MACHINE AND PACKAGING METHOD

(51) International classification	:B65B31/02
(31) Priority Document No	:0900909-3
(32) Priority Date	:03/07/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/000181
Filing Date	:24/06/2010
(87) International Publication No	:WO 2011/002384
	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)LINDBLAD, ULF

2)OLSSON, JENNY

(57) Abstract :

A packaging machine (1) and a packaging method are provided. The packaging machine comprises a filling zone (9) for filling packages (19) through a respective open (29) end thereof, a sealing zone (11) for sealing said respective open end of the packages after filling, a final folding zone (13) for forming the packages after sealing and a conveyor (17) for transporting the packages through said zones in a transport direction (T). The packaging machine is characterized in that the conveyor is arranged to run outside the final folding zone and instead run through a buffer zone (15) to transport the packages through the final folding zone. The packaging machine is further characterized in that it comprises means for maintaining a first pressure (P1) inside the sealing zone, a second pressure (P2) inside the final folding zone and a third pressure (P3) inside the buffer zone, the first and third pressures being higher than the second pressure which, in turn, is higher than a fourth pressure (P4) prevailing outside the packaging machine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.312/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MOLDING COMPOUND ON THE BASIS OF A COPOLYIMIDE CONTAINING TEREPHTHALIC ACID AND TRIMETHYLHEXAMETHYLENE DIAMINE UNITS

(51) International classification	:C08G69/26	(71)Name of Applicant :
(31) Priority Document No	:10 2009 027 611.4	1)EVONIK DEGUSSA GMBH
(32) Priority Date	:10/07/2009	Address of Applicant :RELLINGHAUSER STRASSE 1-11,
(33) Name of priority country	:Germany	45128 ESSEN Germany
(86) International Application No	:PCT/EP2010/059809	(72)Name of Inventor :
Filing Date	:08/07/2010	1)PAWLIK, ANDREAS
(87) International Publication No	:WO 2011/003973	2)ROOS, MARTIN
	A3	3)BAUMANN, FRANZ-ERICH
(61) Patent of Addition to Application	:NA	4)HAGER, HARALD
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A molding compound, containing at least 30% by weight of a copolyamide, which is derived from the following monomers: a) 50 to 95 mole percent of the combination of a diamine, selected from the group consisting of 1,9-nonane diamine, 1,10-decane diamine, 1,11-undecane diamine and 1,12-dodecane diamine, and terephthalic acid, and b) 5 to 50 mole percent of the combination of a diamine, selected from the group consisting of 2,2,4-trimethylhexamethylene diamine, and mixtures thereof, and terephthalic acid. The copolyamide is crystalline and has low water absorption.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.316/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : FACILITY FOR PRODUCING SYNTHETIC HYDROCARBONS, AND ASSOCIATED METHOD

(51) International classification	:C10G2/00
(31) Priority Document No	:0954764
(32) Priority Date	:09/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051094
Filing Date	:03/06/2010
(87) International Publication No	:WO 2011/004088
	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)LECOMTE, MICHAEL

(57) Abstract :

An assembly for producing at least one synthetic hydrocarbon from at least one inflowing stream of carbon monoxide and one inflowing stream of carbon dioxide, the assembly (6) comprising: - an electrolyzer (9) provided for producing a first stream of hydrogen, - a first conversion unit (11) provided for producing an intermediate stream of carbon monoxide from at least one portion of the inflowing stream of carbon dioxide and hydrogen, - a reactor (13) for synthesizing said synthetic hydrocarbon; characterized in that it comprises: - a second conversion unit (15) provided for producing a second stream of hydrogen from carbon monoxide and water, the second hydrogen stream being directed towards the synthesis reactor (13); - a guide assembly (19) provided for selectively distributing the inflowing stream of carbon monoxide between the second conversion unit (15) and the synthesis reactor (13), and for selectively distributing the first hydrogen stream between the first conversion unit (11) and the synthesis reactor (13); - a control unit (21) provided for controlling the guide assembly (19).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.321/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : VARIABLE COLOR INCOHERENT ALIGNMENT LINE AND CROSS-HAIR GENERATOR

(51) International classification	:A61B6/08
(31) Priority Document No	:61/223212
(32) Priority Date	:06/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041056
Filing Date	:06/07/2010
(87) International Publication No	:WO 2011/005752 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)GAMMEX, INC.

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(72)Name of Inventor :

1)SCHEIBEN GRABER, KARL

2)SCHMOCKER, DAVID

3)FREEMAN, KENNETH

(57) Abstract :

An alignment device includes an incoherent light source, a first convex lens, a mirror rod, and a second convex lens. The incoherent light source emits incoherent light that is received by the first convex lens that produces a low divergence light beam. The low divergence light beam is directed to the mirror rod that reflects the light beam to the second convex lens that focuses the light beam to a convergent light beam.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.323/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : TURBOELECTRIC COAGULATION APPARATUS

(51) International classification :A61B18/02
(31) Priority Document No :12/497472
(32) Priority Date :02/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040827
Filing Date :01/07/2010
(87) International Publication No :WO 2011/003026 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)AVIVID WATER TECHNOLOGY, LLC
Address of Applicant :P.O. BOX 116, WINDSOR, CO 80550
U.S.A.
(72)Name of Inventor :
1)SCHUMACHER, JOHN E. III(DECEASED);
SCHUMACHER, KAREN, V.(LEGAL REPRESENTATIVE
OF THE DECEASED INVENTOR)
2)WOOD, LOCKETT, E.
3)LOWSTUTER, WILLIAM, R.

(57) Abstract :

An apparatus and method for removing contaminant species from water by electrocoagulation are described. Alternating grounded, rotating, planar circular electrodes and stationary planar electrodes function as a Tesla fluid pump when placed in contact with the contaminated water, causing the water to flow between the rotating and stationary electrodes. An insoluble abrasive material introduced into the water removes scale from the electrodes while the water is pumped thereby. A direct electric current is caused to flow between each pair of rotating and stationary electrodes, there by producing electrocoagulation of the contaminants in the water flowing there between. The electrocoagulated materials may be separated from the treated water by filtration or by permitting the treated water to stand for a chosen period.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.327/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(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/US

Filing Date

2010/037098

:02/06/2010

:WO

(87) International Publication No

2010/144288

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)CUELLAR, KYLE, T.

2)JOHNKE, ANDREW, F.

3)LEWIS, W., LARRY

4)WILKINSON, JOHN, D.

5)LYNCH, JOE, T.

6)HUDSON, HANK, M.

(57) Abstract :

A process and an apparatus are disclosed for the removal of carbon dioxide from a hydrocarbon gas stream in a compact processing assembly. The gas stream is cooled, expanded to intermediate pressure, and supplied as a first top feed to a mass transfer means inside the processing assembly. A distillation liquid stream is collected from the lower region of the mass transfer means and directed into a first heat and mass transfer means inside the processing assembly to heat it and strip out its volatile components while cooling the gas stream, thereafter discharging the heated and stripped distillation liquid stream from the processing assembly as the bottom liquid product therefrom. A first distillation vapor stream is collected from the upper region of the mass transfer means and combined with any vapor in the expanded cooled gas stream to form a second distillation vapor stream. The second distillation vapor stream is directed to a second heat and mass transfer means inside the processing assembly so that it is cooled sufficiently to partially condense it, forming a third distillation vapor stream and a condensed stream. The condensed stream is supplied as a second top feed to the mass transfer means. A portion of the bottom liquid product is subcooled, expanded to lower pressure, and then heated to supply at least a portion of the cooling of the second distillation vapor stream and the gas stream. The third distillation vapor stream is directed into one or more heat exchange means inside the processing assembly to heat it while cooling the gas stream and the portion of the bottom liquid product. The quantities and temperatures of the feeds to the mass transfer means are effective to maintain the temperature of the upper region of the mass transfer means at a temperature whereby the major portion of said carbon dioxide is recovered in the bottom liquid product.

No. of Pages : 37 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.331/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMMUNICATION CHANNEL CLAIM DEPENDENT SECURITY PRECAUTIONS

(51) International classification :G06F21/20
(31) Priority Document No :12/506568
(32) Priority Date :21/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040732
Filing Date :01/07/2010
(87) International Publication No :WO 2011/011179 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)MICROSOFT CORPORATION
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(72)Name of Inventor :
1)URECHE, OCTAVIAN, T.
2)SEMENKO, ALEX M.
3)VINAYAK, SAI
4)ELLISON, CARL M.

(57) Abstract :

A set of security claims for a communication channel are obtained, the set of security claims including one or more security claims each identifying a security characteristic of the communication channel. The security claims are stored, as is a digital signature generated over the set of security claims by an entity. The security claims and digital signature are subsequently accessed when a computing device is to transfer data to and/or from the communication channel. The set of security claims is compared to a security policy of the computing device, and the entity that digitally signed the set of security claims is identified. One or more security precautions that the computing device is to use in transferring data to and/or from the communication channel are determined based at least in part on the comparing and the entity that has digitally signed the set of security claims.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2010

(21) Application No.2874/CHE/2010 A

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MANUFACTURING JAGGERY

(51) International classification	:C13B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHRI BRAHMANAND SAGAR JAGGERY
(32) Priority Date	:NA	INDUSTRIES
(33) Name of priority country	:NA	Address of Applicant :150/6, GOKAK ROAD, VIDYA
(86) International Application No	:NA	NAGAR, HARUGERI TQ., RAIBAG DISTRICT, BELGUAM -
Filing Date	:NA	591 220 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MR. JINAPPA BHUPAL ASKI
Filing Date	:NA	2)MR. ASHOK JINAPPA ASKI
(62) Divisional to Application Number	:NA	3)MR. PRAKASH JINAPPA ASKI
Filing Date	:NA	4)MR. BHARATESH ANNASAHEB CHOUGULE

(57) Abstract :

The present invention relates to a process for manufacturing of jaggery from sugar cane and the system involved therein. Particularly, the present invention is to improve the milling efficiency by providing a jaggery plant system with multiple cane handling machines, multiple rollers and other electrically/hand operated infrastructures. Specifically, the invention provides for large scale manufacturing of jaggery under the most hygienically controlled environment with no added chemicals, colours, additives and flavours. The system comprising one or more cane milling plant; clarification plant; evaporation and boiling plant; crystallization station; centrifugal station; rotary dryers; steam generating plant and power generating plant, wherein the clarification plant is used for heating, mixing and settling of impurities like mud and wherein the crystallization station is used for further boiling, concentrating and crystallizing the concentrated syrup.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : BIOMARKER FOR SELECTING PATIENTS AND RELATED METHODS

(51) International classification	:G01N33/50
(31) Priority Document No	:09305672.9
(32) Priority Date	:10/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/059635
Filing Date	:06/07/2010
(87) International Publication No	:WO 2011/003905
	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)ACRES, BRUCE

2)GRELLIER, BENOIT

(57) Abstract :

The present invention concerns biomarkers and use thereof for determining whether a subject is or is not susceptible to developing a prophylactic or therapeutic immune response after such treatment.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : CHOCOLATE COMPOSITIONS CONTAINING ETHYLCELLULOSE

(51) International classification	:A23G1/36
(31) Priority Document No	:61/213,480
(32) Priority Date	:12/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/001474
Filing Date	:11/06/2010
(87) International Publication No	:WO 2010/143067
	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)MARS, INCORPORATED

Address of Applicant :6885 ELM STREET, MCLEAN,
VIRGINIA-22101 U.S.A.

(72)Name of Inventor :

1)MARANGONI, ALEJANDRO GREGORIO

(57) Abstract :

A heat resistant chocolate containing ethylcellulose. The ethylcellulose is introduced into the chocolate as a solution in oil or in a non-aqueous solvent, suitably in an amount of from about 1% to about 3% ethylcellulose by weight. Ethylcellulose oleogels may also be used to replace a portion of the oils and fats normally present in chocolate and/or to formulate fillings for filled chocolates exhibiting reduced oil migration. Also provided are methods of making chocolate compositions according to the invention.

No. of Pages : 37 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.318/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : PUMP WITH ROTOR POSITION MEASUREMENT SYSTEM

(51) International classification	:F04B7/06
(31) Priority Document No	:09165357.6
(32) Priority Date	:13/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/053170
Filing Date	:12/07/2010
(87) International Publication No	:WO 2011/007306
	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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HAEGENDORF Switzerland

(72)Name of Inventor :

1)GENOUD, DOMINIQUE

2)ROBIN, FRANCK

3)THIEMER, HELMUT

(57) Abstract :

A pump comprising an electrical motor drive (2) and a pump engine (3), the pump engine having a stator portion (32) and an axially and rotatably movable rotor portion (30) mounted in the stator portion. The electrical motor drive comprises a rotor (6) with a permanent magnet (20), a stator (4) with a magnetic circuit (10) and one or more coils, and a position sensor (8) comprising at least one magnetic field detector (24a, 24b) positioned in the proximity of the rotor permanent magnet and configured to detect both rotational and axial movement of the rotor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.35/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : DISTRIBUTED AUDIENCE MEASUREMENT SYSTEMS AND METHODS

(51) International classification :G06F15/173
(31) Priority Document No :12/643,647
(32) Priority Date :21/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061486
Filing Date :21/12/2010
(87) International Publication No :WO 2011/084779 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)MICHAEL TENBROCK

(57) Abstract :

Systems and methods for operating an anonymous peer-to-peer (P2P) privacy panel for audience measurement is disclosed. A plurality of portable devices are configured to record and process re search data pursuant to a research operation. Each of the panelists associated with each portable devices provide panelist data to a central site, where the panelist data includes demographic information, previous media exposure data, and other data. In accordance with panelist data, a customized P2P net work is created where media exposure data is obfuscated and communicate among portable devices in the network. By utilizing a P2P network together with obfuscation techniques, panelist privacy is greatly in creased.

No. of Pages : 44 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/09/2010

(21) Application No.2907/CHE/2010 A

(43) Publication Date : 15/03/2013

(54) Title of the invention : NOVEL WATER PROOF UV-C SUBMERSIBLE DEVICE

(51) International classification	:C02F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHALUVADI SRINIVASA RAO
(32) Priority Date	:NA	Address of Applicant :HOUSE NO: 3/65, KAKARLAVARI
(33) Name of priority country	:NA	VEDHI, NEAR BOSE BOMMA, GUDIVADA POST,
(86) International Application No	:NA	GUDIVADA, KRISHNA DISTRICT - 521 301 Andhra Pradesh
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)CHALUVADI SRINIVASA RAO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention provides a novel portable, cost effective water proof submersible device with the UV-C lamp(s) device specifically useful in treating the harvested rain-water and soft water and to make it suitable for drinking at the point of actual use of water. The device comprising of a jacket tube, at least one ultra violet cathode lamp (UV-C lamp), an insulated wire connecting both the power supply end of the UV-C lamp, an electricity proof tube to cover and insulate the power connection of the UV-C lamp, a suitable dimensions shock proof plate for holding the UV-C lamp inside the jacket tube, a shock proof and water resistance cap, a water proofing and shock proof seal and an insulated, shock proof and water resistance power line for power supply from the power source.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.328/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MODULATION OF SYSTEMIC EXPOSURE TO RIFAXIMIN

(51) International classification	:A61K31/397
(31) Priority Document No	:61/187251
(32) Priority Date	:15/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038742
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/148040 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)FORBES, WILLIAM

(57) Abstract :

The present invention relates to the effect of hepatic insufficiency on the pharmacokinetics of rifaximin. Also provided are methods of determining an appropriate dose of rifaximin for a subject suffering from hepatic insufficiency. In addition, methods of treatment are provided subjects having or susceptible to hepatic insufficiency to be treated with rifaximin.

No. of Pages : 81 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION

(21) Application No.33/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

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

(51) International classification	:G06F9/445
(31) Priority Document No	:2010-001606
(32) Priority Date	:07/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/007606
Filing Date	:28/12/2010
(87) International Publication No	:WO 2011/083561
	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 :**
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(72)**Name of Inventor :**
1)MASARU KAWATA
2)SHIGENOBU FUKUDA
3)KENICHIRO TEZUKA
4)IPPEI MUROFUSHI

(57) Abstract :

An information processing apparatus that includes a first graphic processing module having a first level of graphic performance and a second graphic processing module having a second level of graphic performance, which is greater than the first level of graphic performance The information processing apparatus also includes a controller that selects one of the first graphic processing module or the second graphic processing module by determining whether the information processing apparatus is capable of outputting data with the first level of graphic performance or the second level of graphic performance, and detects whether the information processing apparatus is provided with power via a battery or via an external power source.

No. of Pages : 78 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.349/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : BUILDING STRUCTURE INCLUDING BALCONY

(51) International classification	:E04B5/19
(31) Priority Document No	:61/223,757
(32) Priority Date	:08/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041371
Filing Date	:08/07/2010
(87) International Publication No	:WO 2011/005961 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)RAHIMZADEH, HOUSH
2)RAHIMZADEH, MARC

(57) Abstract :

A building structure (10) with a balcony Includes a beam (14) with an upward facing cavity (28). The beam (14) includes an opening (35) in which a cantilevered section (18) is received. The cantilevered section (18) has a proximal end (38) that is positioned in the cavity (28) and a poured bonding structure (0) fills the cavity (28),

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3552/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/11/2010

(43) Publication Date : 15/03/2013

(54) Title of the invention : VARIABLE VALVE GEAR FOR ENGINE

(51) International classification	:F01L
(31) Priority Document No	:2009-269549
(32) Priority Date	:27/11/2009
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO., LTD.
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(72)**Name of Inventor :**
1)FUJIHARA, KAZUO
2)CHIBA, KAZUHIKO
3)TERADA, YASUO
4)YAMANISHI, TERUhide
5)NAKAMIZO, YAMATO

(57) Abstract :

[Object] In a variable valve gear for an engine, in which a cam follower interlocked and coupled to an engine valve which is energized in a valve closing direction by a spring is provided with a cam contact part which can come into contact with first and second cams, when the second cam moves close to the first cam, the cam contact part is prevented from impulsively coming into contact with the first cam, thereby suppressing occurrence of a hammering sound. [Solving Means] A first cam 31 is fixed to a camshaft 32, and a second cam 33 is supported by the camshaft 32 so as to be movable in the axial direction between an operation position where the second cam 33 can come into contact with a cam contact part 56 and comes close to the first cam 31 and a non-operation position where the second cam 33 cannot come into contact with the cam contact part 56 and moves apart from the first cam 31 and so as not to be rotatable relatively about the axis. An inclined face 71A inclined so as to be in an inner position in the radial direction of the camshaft 32 toward the first cam 31 side is formed as a side face on the first cam 31 side of the second cam mountain part 33b.

No. of Pages : 51 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.350/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : FOAM PUMP

(51) International classification	:B05B11/00
(31) Priority Document No	:0913221.8
(32) Priority Date	:29/07/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001174
Filing Date	:15/06/2010
(87) International Publication No	:WO 2011/012836 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)BUNOZ, ETIENNE, VINCENT

2)ROSSALL, JEREMY

(57) Abstract :

A foam pump (1) comprising a fluid cylinder (2), an air cylinder (3) and a mixing chamber (4), in which the mixing chamber (4) comprises a fluid through flow axis (A-A), a fluid inlet (18) and an air inlet (44), in which the fluid cylinder (2) and the air cylinder (3) both comprise a stroke axis (B-B) which is substantially normal to said fluid through flow axis (A-A), in which the fluid cylinder (2) is adapted to draw a fluid therein in a priming stroke and to pump said fluid into said mixing chamber (4) through said fluid inlet (18) in a dispensing stroke, in which the EUI cylinder: (3) is adapted to draw air therein in a priming stroke and to pump said air into said mixing chamber (4) through said air inlet (44) in a dispensing stroke, and in which said fluid inlet (18) and said air inlet (44) face in substantially opposite directions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.352/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF LIGHT-COLORED ISOCYANATES OF A DIPHENYLMETHANEDIISOCYANATE SERIES

(51) International classification :C01B31/28
(31) Priority Document No :61/226,101
(32) Priority Date :16/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/060237
Filing Date :15/07/2010
(87) International Publication No :WO 2011/006970
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)PALLASCH, HANS-JURGEN

3)STROFER, ECKHARD

4)SPEIER, JON S.

5)KIM, BYOUNG-YEON

(57) Abstract :

The present invention accordingly provides a process for preparing light-coloured poly-phenylene-polymethylene polyisocyanates comprising the steps (a) providing an amount of chlorine, (b) separating the chlorine provided in the step (a) to obtain a first chlorine fraction having a content of free and bound bromine and iodine of < 50 ppm and a second chlorine fraction having an increased content of free and bound bromine and iodine that depends on the original amount of bromine and iodine in the chlorine provided in step (a) and the separation split, (c) reacting carbon monoxide with at least a portion of the first chlorine fraction to form a first phosgene fraction, (d) reacting carbon monoxide with at least a part of the second chlorine fraction to form a second phosgene fraction, (e) reacting at least a portion of a first phosgene fraction with at least one amine of the diphenylmethane diamine series (MDA) to form the corresponding polyphenylene-polymethylene polyisocyanate (PMDI), and (f) reacting at least a portion of the second phosgene fraction with at least one primary amine with the exception of mono- and polyphenylene-polymethylene polyamines to form an at least one isocyanate-containing reaction solution.

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

(54) Title of the invention : METHOD FOR THE DIRECT AMINATION OF HYDROCARBONS INTO AMINO HYDROCARBONS INCLUDING ELECTROCHEMICAL SEPARATION OF HYDROGEN AND ELECTROCHEMICAL REACTION OF THE HYDROGEN INTO WATER

(51) International classification	:C07C209/02
(31) Priority Document No	:09165224.8
(32) Priority Date	:10/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/059710
Filing Date	:07/07/2010
(87) International Publication No	:WO 2011/003933
	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)KUBANEK, PETR

2)PANCHENKO, ALEXANDER

3)FISCHER, ANDREAS

4)HEIDEMANN, THOMAS

(57) Abstract :

Process for the direct amination of hydrocarbons to aminohydrocarbons by reaction of a feed stream E comprising at least one hydrocarbon and at least one aminating reagent to form a reaction mixture R comprising aminohydrocarbon and hydrogen in a reaction zone RZ and electrochemical separation of at least part of the hydrogen formed in the reaction from the reaction mixture R by means of a gastight membrane-electrode assembly having at least one selectively proton-conducting membrane and at least one electrode catalyst on each side of the membrane, where at least part of the hydrogen is oxidized to protons at the anode catalyst on the retentate side of the membrane and the protons pass through the membrane and on the permeate side are reacted with oxygen to form water, where the oxygen originates from an oxygen-comprising stream O which is brought into contact with the permeate side of the membrane, over the cathode catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.367/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : BLACK COMPOSITE PARTICLE BLACK RESIN COMPOSITION COLOR FILTER SUBSTRATE AND LIQUID CRYSTAL DISPLAY

(51) International classification	:C01G23/00
(31) Priority Document No	:2009-142296
(32) Priority Date	:15/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060075
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/147098
	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 :

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1)INOUE, YOSHIHIKO

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3)SAKAI, YOSHIFUMI

4)NAKAMURA, KEITARO

(57) Abstract :

Disclosed are black composite particles having a high light-shielding performance suitable as a black component such as a black matrix in a color filter. Further disclosed is a black resin composition from which a black matrix having a high light-shielding performance can be formed. The black composite particles are represented by the composition formula: TiN_xO_yzX (wherein X is a metal atom such as silver; x is a number greater than 0 and less than 2; y is a number not less than 0 and less than 2; and z is a number greater than 0 and less than 10). The black resin composition comprises at least a light shielding agent, a resin, and a solvent and comprises the black composite particles as the light shielding agent.

No. of Pages : 85 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.320/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : LUMINESCENT PAVING STONE IN&NBSP;THE FORM OF AN ARTIFICIAL STONE OR NATURAL STONE

(51) International classification	:F21S8/02
(31) Priority Document No	:10 2009 027 489.8
(32) Priority Date	:06/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/059563
Filing Date	:05/07/2010
(87) International Publication No	:WO 2011/003866
	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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(72)Name of Inventor :

1)WINDMOLDERS, DANNY

2)BLOCKEN, WILFRIED

(57) Abstract :

The invention relates to a luminescent paving stone in the form of an artificial stone or a natural stone, having at least one self-sufficient luminescent element (22) and a stone body (20). The stone body (20) comprises at least one recess (24) extending from a top side (54) to a bottom side (56) and designed for receiving a luminescent element (22). The luminescent element (22) receives electrical components (36), in particular a photovoltaic cell (38), a charge store (40), a control device (42), and a luminous element (44), and has a length no greater than the depth of the recess (24). The recess (24) has a perforated wall, and a peripheral gap (58) is formed between the perforated wall and the side wall, in which an adhesive mass (26) is present.

No. of Pages : 18 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.322/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SCREW TIGHTENING STRUCTURE, SCREW, AND SCREW TIGHTENING TOOL

(51) International classification :F16B23/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2009/061509
Filing Date :24/06/2010

(87) International Publication No :WO 2010/150369
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)KAGEYAMA AKIHIRO

2)YAMAMOTO KOUZOU

(57) Abstract :

Outer peripheral ends of torque transmitting section (20) of fitting projections (16) are made to contact with the side wall surfaces of torque transmitting sections (18) of recesses (12), and tightening torque is transmitted to a screw (10) through force application points (Q) which are the portions of the contact. In this process, in an end surface shape perpendicular to the center line (01) of a recess (12) including a force application point (Q), the driving angle (6) of a force (F) perpendicular to the surface is 0° or less. Therefore, the force (F) perpendicular to the surface is applied to the side wall of the recess (12) in a tangential direction about the center axis (01) or in an inward direction. In comparison with a conventional case in which the force (F) perpendicular to the surface acts outwardly

No. of Pages : 44 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.329/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : HYDROCARBON GAS PROCESSING

(51) International classification	:F25J3/00
(31) Priority Document No	:PCT/US2010/029331
(32) Priority Date	:31/03/2010
(33) Name of priority country	:PCT
(86) International Application No	:PCT/US2011/029034
Filing Date	:18/03/2011
(87) International Publication No	:WO 2011/126710 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)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 propane, propylene, and heavier hydrocarbon components from a hydrocarbon gas stream. The gas stream is cooled, expanded to lower pressure, and fed to an absorbing means. A first distillation liquid stream from the absorbing means is fed to a mass transfer means. A first distillation vapor stream from the mass transfer means is cooled to 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 from the absorbing means is heated by cooling the first distillation vapor stream, combined with the residual vapor stream, and heated by cooling the gas stream. A second distillation liquid stream from the mass transfer means is heated in a heat and mass transfer means to strip out its volatile components.

No. of Pages : 98 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.39/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : UNINTERRUPTABLE POWER SUPPLY

(51) International classification	:H02J9/06
(31) Priority Document No	:12/485285
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035756
Filing Date	:21/05/2010
(87) International Publication No	:WO 2010/147731 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)AMERICAN POWER CONVERSION CORPORATION
Address of Applicant :132 FAIRGROUNDS ROAD, WEST KINGSTON, RI 02892 U.S.A.
(72)**Name of Inventor :**
1)INGEMI, MICHAEL, J.
2)KLIKIC, DAMIR

(57) Abstract :

Systems and methods for operating an uninterruptable power supply are provided. The uninterruptable power supply may include a rectifier that has a transistor and an inductor. The uninterruptable power supply may also include a controller. A current sensor can be configured to detect inductor current and to provide a detected inductor current value to the controller to generate a current error value based and to generate a pulse width modulation control signal based in part on the current error value. The controller can apply the pulse width modulation control signal to the transistor

No. of Pages : 55 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMPOSITE MATERIAL FOR STORING HEAT ENERGY AT HIGH TEMPERATURES

(51) International classification :C09K5/02
(31) Priority Document No :P200901423
(32) Priority Date :16/06/2009
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2010/000261
Filing Date :15/06/2010
(87) International Publication No :WO 2010/146197
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)BEN KHEMIS, SABRI

3)MOURAND, DAVID

4)NOEL, FREDERIC

5)HO-KON-TIAT, VANESSA

6)DAUVERGE, JEAN-LUC

7)ANGUY, YANNICK

8)PRIETO, RIOS, CRISTINA

9)JOVE LLOVERA, ALEIX

(57) Abstract :

Composite material for storing heat energy at high temperatures (225°C to 488°C) formed by a porous carbon structure at least partially filled with LiOH/KOH, wherein a large amount of heat energy may be stored or released very quickly. The carbon structure is characterised by a high volumetric thermal conductivity, a low density, a highly interconnected porosity and a relatively high modulus of elasticity. The significant properties of LiOH/KOH mixtures are: a large amount of energy involved in full melting/crystallisation, a fairly low relative volume expansion upon melting and fairly low subcooling. The main advantages of the resulting composites are a very high energy density, a relatively low volume expansion, highly enhanced heat transfer, thermoadaptability, stability and insignificant hysteresis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.36/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : FAULT TOLERANT BATCH PROCESSING

(51) International classification	:G06F11/00
(31) Priority Document No	:12/502,851
(32) Priority Date	:14/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041791
Filing Date	:13/07/2010
(87) International Publication No	:WO 2011/008734 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)BRYAN PHIL DOUROS
2)MATTHEW DARCY ATTERBURY
3)TIM WAKELING

(57) Abstract :

Processing a batch of input data includes reading the batch including multiple records and passing the batch through a dataflow graph. At least one but fewer than all of the graph components includes a checkpoint process for an action performed for each of multiple units of work associated with one or more of the records. The checkpoint process includes opening a checkpoint buffer at the start of processing (207, 208). If a result from performing the action for a unit of work was previously saved in the checkpoint buffer (225), the saved result is used to complete processing (250) of the unit of work without performing the action again. If a result from performing the action for the unit of work is not saved in the checkpoint buffer, the action is performed (230) to complete processing of the unit of work and the result from performing the action is saved (240) in the checkpoint buffer.

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : AN ADVISOR-ASSISTANT USING SEMANTIC ANALYSIS OF COMMUNITY EXCHANGES

(51) International classification :G06F17/30
(31) Priority Document No :0903121
(32) Priority Date :26/06/2009
(33) Name of priority country :France
(86) International Application No :PCT/EP2010/056590
Filing Date :12/05/2010
(87) International Publication No :WO 2010/149427
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)HAKIM HACID
2)JOHANN STAN
3)MARIA CORALIA LAURA MAAG
4)RIAN SKRABA

(57) Abstract :

A method for enriching the content of a page (2) that is placed online within a communication platform and may be consulted with the help of a browser (1), said user being registered with at least one social network (12, 13, 14), which method comprises: - extracting relevant terms from the page (2) being explored by the user; - semantically synthesizing the content of a plurality of social networks that comprises at least one social network with which the user is registered; - retrieving information concerning the relevant terms extracted from the semantic synthesis of the content of the social networks with which the user is registered; - displaying the retrieved information to the user.

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.40/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : DUAL COLUMN GANG OUTLETS FOR MINIMIZING INSTALLATION SPACE

(51) International classification :H01R25/00

(31) Priority Document No :61/186,241

(32) Priority Date :11/06/2009

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

(86) International Application No :PCT/US2010/037962

Filing Date :09/06/2010

(87) International Publication No :WO 2010/144569 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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1)JIANG, YUCHUN

2)JANSMA, MICHAEL

3)DONJON, JAMES, PHILLIP

(57) Abstract :

A power distribution unit disclosed herein includes a plurality of power outlets arranged in adjacent columns, the first and the second terminals of the power outlets in a first column formed along a first line, the first and the second terminals of the power outlets in a second column formed along a second line, ground terminals of the power outlets in the first column formed along a third line, and ground terminals of the power outlets of the second column formed along a fourth line, wherein the first line, the second line, the third line, and the fourth line are arranged in parallel, and wherein the plurality of power outlets are arranged in one of an arrangement in which the third and fourth lines are positioned between the first and second lines, and an arrangement in which the first and second lines are positioned between the third and fourth lines.

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

(54) Title of the invention : DEVICE AND METHOD FOR PRODUCING THICK-WALLED MOULDED PLASTICS PARTS HAVING REDUCED SHRINKAGE SITES BY INJECTION MOLDING OR EMBOSSING

(51) International classification	:B29C45/00	(71)Name of Applicant :
(31) Priority Document No	:10 2009 027 646.7	1)EVONIK ROHM GMBH
(32) Priority Date	:13/07/2009	Address of Applicant :KIRSCHENALLEE, 64293
(33) Name of priority country	:Germany	DARMSTADT Germany
(86) International Application No	:PCT/EP2010/057097	(72)Name of Inventor :
Filing Date	:25/05/2010	1)SCHMIDT, ARNE
(87) International Publication No	:WO 2011/006704	2)POTH, MARC
	A1	3)EBERLE, CHRISTIAN
(61) Patent of Addition to Application	:NA	4)HOSS, WERNER
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a device and method for producing thick-walled plastic molded parts by injection molding or embossing. The device comprises a mold for injection molding or embossing, having a cavity, and is characterized in that the mold comprises a wall region adjacent to the cavity, and a body removed from the cavity and adjacent to the wall region near the cavity, wherein the body of the mold is designed for a temperature T1 and the wall region is designed for a temperature T2 different from the temperature T1. According to the method, the temperature T2 of the wall region of the mold near the cavity is brought to and held at a value greater than the Vicat temperature T of the plastic molding mass before and/or during the injection process, wherein the temperature T2 is greater than the temperature T1 of the mold body, and the temperature T2 of the wall region near the cavity is brought to a temperature below the Vicat temperature T of the plastic molding mass during the solidification of the plastic molding mass. The result is thick-walled molded plastic parts, such as optical lenses and the like, having reduced shrinkage sites.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.416/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : SWITCH WITH IMPROVED BIASING

(51) International classification	:H03K17/10
(31) Priority Document No	:61/229,246
(32) Priority Date	:28/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043596
Filing Date	:28/07/2010
(87) International Publication No	:WO 2011/014585 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)MARCO CASSIA

(57) Abstract :

Switches with improved biasing and having better isolation and reliability are described. In an exemplary design, a switch is implemented with a set of transistors, a set of resistors, and an additional resistor. The set of transistors is coupled in a stacked configuration, receives an input signal, and provides an output signal. The set of resistors is coupled to the gates of the set of transistors. The additional resistor is coupled to the set of resistors and receives a control signal for the set of transistors. The resistors reduce signal loss through parasitic capacitances of the transistors when they are turned on. The resistors also help split the signal swing of the input signal approximately evenly across the transistors when they are turned off, which may improve reliability of the transistors. The switch may be used in a switch plexer, a power amplifier (PA) module, etc.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.42/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : UNIVERSAL SAMPLE PREPARATION SYSTEM AND USE IN AN INTEGRATED ANALYSIS SYSTEM

(51) International classification	:C02F1/40
(31) Priority Document No	:61/349,680
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037545
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/141921 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)MICHAEL RECKNOR

5)MATTIAS VANGBO

6)EZRA VAN GELDER

7)LARS MAJLOF

8)OMAR EL-SISSI

(57) Abstract :

The invention provides a system that can process a raw biological sample, perform a biochemical reaction and provide an analysis readout. For example, the system can extract DNA from a swab, amplify STR loci from the DNA, and analyze the amplified loci and STR markers in the sample. The system integrates these functions by using microfluidic components to connect what can be macrofluidic functions. In one embodiment the system includes a sample purification module, a reaction module, a post- reaction clean-up module, a capillary electrophoresis module and a computer. In certain embodiments, the system includes a disposable cartridge for performing analyte capture. The cartridge can comprise a fluidic manifold having macrofluidic chambers mated with microfluidic chips that route the liquids between chambers. The system fits within an enclosure of no more than 10 ft³, and can be a closed, portable, and/or a battery operated system. The system can be used to go from raw sample to analysis in less than 4 hours..

No. of Pages : 166 No. of Claims : 99

(12) PATENT APPLICATION PUBLICATION

(21) Application No.422/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : TOWER FOR A SOLAR CONCENTRATION PLANT WITH NATURAL DRAUGHT COOLING

(51) International classification	:F03G6/06
(31) Priority Document No	:P200901460
(32) Priority Date	:19/06/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2010/000269
Filing Date	:18/06/2010
(87) International Publication No	:WO 2010/146201
	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)GARCIA RAMIREZ, ELENA
3)BARRAGAN JIMENEZ, JOSE

(57) Abstract :

Solar concentration plant placed on tower technology wherein the tower is used not only to equate the receiver devices at great height but also as a natural-draft cooling system. The tower is hollow and has a hyperboloid structure that may exceed 200 m in height, accommodating devices for receiving saturated or superheated steam in cavities with different orientations. There is a dynamic control for adapting the heliostat field so that the heliostats can be focussed on different focal points for producing electricity, producing process heat, producing solar fuels or for application to thermochemical processes.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : A DEVICE FOR ELECTRIC CONNECTION AND AN ELECTRIC INSTALLATION

(51) International classification :H01B17/30
(31) Priority Document No :09165491.3
(32) Priority Date :15/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/058122
Filing Date :10/06/2010
(87) International Publication No :WO 2011/006716
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)ROSEEN, PATRIK
3)ESPESETH, ROBERT
4)SONSTEBY, GUNN-KRISTIN
5)SKRYTEN, PAAL KRISTIAN
6)BEDNAROWSKI, DARIUSZ
7)MALINOWSKI, LUKASZ

(57) Abstract :

A device for electric connection to an energy supply conductor (101) for medium and/or high voltage, comprising a voltage-carrying element (106) with an outer periphery (108), and a tubular outer shell (104) with an inner periphery (110), the outer shell (104) being formed by a polymer, and along at least a part of the axial extension of the element (106) the outer shell (104) extends axially with a space (124) between its inner periphery (110) and the outer periphery (108) of the element (106), at least along a section of said part of the axial extension of the element (106) the space (124) is filled with a filler (128) of an electrically insulating material other than that of the outer shell (104). The device is characterized in that the outer shell (104) comprises connection means for connecting the outer shell (104) to the element (106), and in that the connection means are adapted to provide a press-fit between the outer shell (104) and the element (106). An electric installation including the device, and a method for producing the device.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : SCROLL COMPRESSOR

(51) International classification	:F04C18/02
(31) Priority Document No	:0912162.5
(32) Priority Date	:14/07/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/051042
Filing Date	:23/06/2010
(87) International Publication No	:WO 2011/007157 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)STONES, IAN DAVID

2)HOLBROOK, ALAN ERNEST KINNAIRD

(57) Abstract :

A scroll compressor comprises two scrolls (40, 46) having respective scroll plates (42, 48) and respective scroll walls (44, 50). The scroll walls intermesh so that on relative orbital movement of the scrolls a volume (52, 54) of gas is trapped between the scrolls and pumped from an inlet (31) to an outlet (33). The axial extent (A) of said trapped volume between said scroll plates is less along a first portion (62) of a flow path (56) between the inlet and the outlet than the axial extent (B) of said trapped volume along a second portion (64) of the flow path, and wherein the first portion is closer to the inlet than the second portion along the flow path.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.410/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : LEVEL SHIFTERS AND HIGH VOLTAGE LOGIC CIRCUITS

(51) International classification	:H03K3/356
(31) Priority Document No	:61/227,730
(32) Priority Date	:22/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/042968
Filing Date	:22/07/2010
(87) International Publication No	:WO 2011/011639 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)MARCO CASSIA

(57) Abstract :

Level shifters and high voltage logic circuits implemented with MOS transistors having a low breakdown voltage relative to the voltage swing of the input and output signals are described. In an exemplary design, a level shifter includes a driver circuit and a latch. The driver circuit receives an input signal having a first voltage range and provides a drive signal having a second voltage range. The first and second voltage ranges may cover positive and negative voltages or different ranges of positive voltages. The latch receives the drive signal and provides an output signal having the second voltage range. The driver circuit may generate a control signal having a full voltage range based on the input signal and may then generate the drive signal based on the control signal. The level shifter may be used to implement a high voltage logic circuit.

No. of Pages : 32 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.44/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : NON-INVASIVE MONITORING OF BLOOD METABOLITE LEVELS

(51) International classification	:G01N27/02
(31) Priority Document No	:61/185,258
(32) Priority Date	:09/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037361
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/144313 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)PLUTA, SARAH, E.
2)HEWITT, JOHN, W.

(57) Abstract :

Solutions for non-invasively monitoring blood metabolite levels of a patient are disclosed. In one embodiment, the method includes: repeatedly measuring a plurality of electromagnetic impedance readings with a sensor array from: an epidermis layer of a patient and one of a dermis layer or a subcutaneous layer of the patient, until a difference between the readings exceeds a threshold; calculating an impedance value representing the difference using an equivalent circuit model and individual adjustment factor data representative of a physiological characteristic of the patient; and determining a blood metabolite level of the patient from the impedance value and a blood metabolite level algorithm, the blood metabolite level algorithm including blood metabolite level data versus electromagnetic impedance data value correspondence of the patient.

No. of Pages : 56 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.444/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : BUILDING STRUCTURE

(51) International classification :E04B1/00
(31) Priority Document No :61/223763
(32) Priority Date :08/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/041381
Filing Date :08/07/2010
(87) International Publication No :WO 2011/005970 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)RAHIMZADEH, HOUSH
2)RAHIMZADEH, MARC

(57) Abstract :

A building structure (10) includes elements that are integrally connected by a poured bonding structure (18). The elements include a beam (14) having a cavity (28) that is configured to receive a pourable bonding material (18) and flooring sections (16) that are supported by the beams (14). The flooring sections (16) include voids (60) that open to a cavity (28). Inserts (62) are positioned in the voids (60) to control the limit the depth that the pourable bonding material (18) can flow into the voids (60) and to increase the strength of the poured bonding structure (18).

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.445/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/08/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DEVELOPMENT OF A NOVEL NANOFIBRE MATRIX WITH R-SPONDIN 1 FOR ACCELERATED WOUND HEALING

(51) International classification	:a61l	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Sastra University
(32) Priority Date	:NA	Address of Applicant :5 Dr. Subburayan Nagar (Main Street)
(33) Name of priority country	:NA	Kodambakkam Chennai 600 024 India Tamil Nadu
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SWAMINATHAN S.
(87) International Publication No	: NA	2)MAHESWARI K. Uma
(61) Patent of Addition to Application Number	:NA	3)PURUSHOTHAMAN K.
Filing Date	:NA	4)DHAKSHINAMOORTHY S.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a scaffold for skin regeneration. Said scaffold comprises nanofibres or film of polyChydroxy-co-valarate) (PHBV). Also disclosed is a polymeric nanofibre based system for accelerated wound healing, comprising a scaffold of nanofibres or film of PHBV loaded with a growth factor. The present invention also discloses the methods of preparing nanofibres and films of PHBV.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.445/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : ABSORBENT CORE AND ABSORBENT ARTICLE

(51) International classification :A61F13/49
(31) Priority Document No :2009-165016
(32) Priority Date :13/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/061735
Filing Date :06/07/2010
(87) International Publication No :WO 2011/007740
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)NAKASHITA, MASASHI
2)KONISHI, TAKAYOSHI
3)MIZUTANI, SATOSHI

(57) Abstract :

[PURPOSE] To provide an absorbent core comprising a gelling region and a thickening region, as well as an absorbent article containing the absorbent core. [SOLUTION MEANS] Absorbent core 1 formed from at least two layers, characterized in that the absorbent core 1 has in upper layer 2 gelling region 4 comprising a gelling agent that contains a polysaccharide capable of thickening in the presence of a polyvalent metal ion and a substance that can supply a polyvalent metal ion, and has in lower layer 3, thickening region 5 comprising a thickening agent.

No. of Pages : 45 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.449/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MOLD HEATING DEVICE

(51) International classification	:B29C33/08
(31) Priority Document No	:2009-167706
(32) Priority Date	:16/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004258
Filing Date	:28/06/2010
(87) International Publication No	:WO 2011/007509
	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)FUJIEDA, YASUHIKO

2)TOSHIMA, MASATAKE

3)MIZUTA, YUICHIRO

(57) Abstract :

Provided is an easy-to-produce, and inexpensive mold heating device for heating a tire mold (M) which houses a green tire (T). The mold heating device is provided with an upper ring member (11) and a lower ring member (12) which are arranged so as to face one other in a specific direction with the space in which the tire mold (M) is disposed there between; a plurality of nonmagnetic members (13) which are disposed at a plurality of positions aligned in the circumferential direction of the ring members (11, 12) with spaces there between so as to connect the upper ring member (11) and the lower ring member (12); ferromagnetic non-conductive members (14) which are provided on the inner surfaces of the first plate members (13); and a coil (15) which is supported by the first plate members (13) with the second plate members (14) there between so as to surround the space where the tire mold (M) is disposed from the outside in the direction perpendicular to the aforementioned specific direction.

No. of Pages : 35 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.450/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : COUPLING ARRANGEMENT

(51) International classification	:F16D25/0638
(31) Priority Document No	:10 2009 027 716.1
(32) Priority Date	:15/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/058053
Filing Date	:09/06/2010
(87) International Publication No	:WO 2011/006713
	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)SCHMITZ, EWALD

(57) Abstract :

A coupling arrangement (1) having a first and a second loose wheel (4, 5), a first and a second coupling (6, 7), and a drive output shaft (2), wherein the first and the second loose wheel (4, 5) are arranged in such a way as to be rotatable about the drive output shaft (2), and wherein the couplings (6, 7) can be actuated in such a way, by a pistoncylinder unit (20) to which a pressure medium can be applied, that one of the two loose wheels (4, 5) can be selectively connected to the drive output shaft (2) for conjoint rotation, characterized in that the piston cylinder unit (20) has a stepped piston. The invention further relates to a printing machine comprising a dampening system having a coupling arrangement according to the invention on

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.447/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MUTING TIME MASKS TO SUPPRESS SERVING CELL INTERFERENCE FOR OBSERVED TIME DIFFERENCE OF ARRIVAL LOCATION

(51) International classification :G01S5/02
(31) Priority Document No :12/542374
(32) Priority Date :17/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/041451
Filing Date :09/07/2010
(87) International Publication No :WO 2011/022129 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)FRANK, COLIN
2)KRISHNAMURTHY, SANDEEP

(57) Abstract :

A method, a user communication device, and a base station are disclosed. A network interface 260 may synchronize a serving positioning reference transmission 116 with the coordinated network 100. A transceiver 240 may send the serving positioning reference transmission 116 in a set of positioning subframes. A processor 210 may mute the serving positioning reference transmission 116 according to a muting pattern optimized to allow the user communication device 102 to receive a maximum number of neighbor positioning reference transmissions 118 for the set of positioning subframes.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.448/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : CHEMICAL LOOPING COMBUSTION METHOD AND PLANT WITH INDEPENDENT SOLID CIRCULATION CONTROL

(51) International classification	:F23C99/00
(31) Priority Document No	:0903502
(32) Priority Date	:16/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/00476
Filing Date	:30/06/2010
(87) International Publication No	:WO 2011/007055
	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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1)GAUTHIER, THIERRY
2)HOTEIT, ALI
3)FORRET, ANN

(57) Abstract :

The invention relates to an improved plant and method for chemical looping combustion of at least one hydrocarbon feed with independent control of the circulation of the solid active mass particles between the fluidized bed reaction zones, by means of one or more non-mechanical valves of L-valve type.

No. of Pages : 41 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.451/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : POLYPROPYLENE IMPACT COPOLYMERS HAVING HIGH MELT FLOW AND IZOD DUCTILITY

(51) International classification	:C08F297/08
(31) Priority Document No	:61/225,417
(32) Priority Date	:14/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041031
Filing Date	:06/07/2010
(87) International Publication No	:WO 2011/008589 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)ZUM, MALLIN, MICHAEL, P.

(57) Abstract :

Impact copolymers that comprise a continuous phase comprising a propylene-based polymer and a discontinuous rubber phase comprising a propylene/ethylene copolymer. The impact copolymers can have a fraction copolymer value (Fc) of at least 35, an ethylene content (Ec) of at least 38, a melt flow rate of at least 50 g/10 min and a notched Izod impact strength at 23 C of at least 615 J/m.

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

(54) Title of the invention : RESIN COMPOSITION AND ORGANIC-ELECTROLYTE BATTERY

(51) International classification :C08G59/24
 (31) Priority Document No :2009-142774
 (32) Priority Date :15/06/2009
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/060013
 Filing Date :14/06/2010
 (87) International Publication No :WO 2010/147070
 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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(57) Abstract :

Provided is a resin composition superior in the adhesiveness to a metal and having high organic solvent resistance, particularly, a resin composition preferable as a sealant for an organic electrolyte battery, which shows superior adhesiveness to a terminal or a collector made of a highly heat resistant metal such as stainless steel and nickel, does not easily develop degradation even when contacted with an organic electrolytic solution at a high temperature, and does not easily influence an electrolytic solution, and a highly reliable organic electrolyte battery wherein leaching of an electrolytic solution from an electrolyte layer is prevented by the resin composition. A resin composition containing (A) an epoxy resin containing at least (E1) an epoxy resin having an aromatic ring and an alicyclic skeleton and (B) a latent curing agent. An organic electrolyte battery containing a positive electrode having, on a collector 13, an electrically connected positive electrode active material layer 2, a negative electrode having, on a collector 13, an electrically connected negative electrode active material layer 6, an electrolyte layer 7 disposed between a negative electrode and a positive electrode, a sealing part wherein a gap between a positive electrode the marginal parts of opposing two collectors 13 is sealed by a cured product 12 of the above resin composition.

No. of Pages : 70 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.458/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMPOSITION COMPRISING CERIUM OXIDE AND ZIRCONIUM OXIDE HAVING A SPECIFIC POROSITY PREPARATION METHOD THEREOF AND USE OF SAME IN CATALYSIS

(51) International classification	:C01F17/00
(31) Priority Document No	:09/03,506
(32) Priority Date	:17/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/059465
Filing Date	:02/07/2010
(87) International Publication No	:WO 2011/006780
	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)IFRAH, SIMON
2)LARCHER, OLIVIER

(57) Abstract :

The invention relates to a composition cerium and zirconium oxides, containing at least 30 wt-% cerium oxide.Following calcination at a temperature at 900°c for 4 hours,the composition has two populations of pores, the diameters of the first population being centered around a value of between 5nm and 15nm for a composition containing 30% to 65% cerium oxide or between 10nm and 20nm for more than 65% cerium oxide and the diameter of the second population being centered around a value of between 45nm and 65nm for 30% to 65% cerium oxide or between 60nm and 100nm for more than 65% cerium oxide.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.355/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : LUBRICATING COMPOSITION

(51) International classification	:C10M145/14
(31) Priority Document No	:2009-166568
(32) Priority Date	:15/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/EP2010/059239
Filing Date	:29/06/2010
(87) International Publication No	:WO 2011/006755
	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)IKAI, TORU

(57) Abstract :

The present invention provides a lubricating compositions comprising a base oil(A) and a hydroxyl group-added poly(meth) acrylate (B).

No. of Pages : 41 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.358/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR LOWERING TRIGLYCERIDES WITHOUT RAISING LDL-C LEVELS IN A SUBJECT ON CONCOMITANT STATIN THERAPY

(51) International classification	:C12P7/64
(31) Priority Document No	:61/187,132
(32) Priority Date	:15/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038683
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/147994 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)OSTERLOH, IAN
2)WICKER, PIERRE
3)BRAECKMAN, RENE
4)SONI, PARESH
5)MANKU, MEHAR

(57) Abstract :

In various embodiments, the present invention provides compositions and methods for treating and/or preventing cardiovascular-related diseases in subject in need thereof.

No. of Pages : 49 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.37/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SILICON-BASED OPTICAL MODULATOR WITH IMPROVED EFFICIENCY AND CHIRP CONTROL

(51) International classification	:G02B6/26
(31) Priority Document No	:61/186,693
(32) Priority Date	:12/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037591
Filing Date	:07/06/2010
(87) International Publication No	:WO 2010/144346 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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(72)Name of Inventor :

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3)KALPENDU SHASTRI

(57) Abstract :

A silicon-based optical modulator exhibiting improved modulation efficiency and control of chirp (i.e., time-varying optical phase) is provided by separately biasing a selected, first region of the modulating device (e.g., the polysilicon region, defined as the common node). In particular, the common node is biased to shift the voltage swing of the silicon-based optical modulator into its accumulation region, which exhibits a larger change in phase as a function of applied voltage (larger OMA) and improved extinction ratio. The response in the accumulation region is also relatively linear, allowing for the chirp to be more easily controlled. The electrical modulation input signal (and its inverse) are applied as separate inputs to the second region (e.g., the SOI region) of each arm of the modulator.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4077/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/06/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : HARD DISC DRIVE COUNTER-VIBRATION SYSTEM

(51) International classification :G11B25/04
(31) Priority Document No :61/116,155
(32) Priority Date :19/11/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2009/065383
Filing Date :18/11/2009
(87) International Publication No :WO 2010/057914
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)MARLOW, STEWART, P.
2)LOCKWOOD, CHRISTOPHER

(57) Abstract :

A hard disc driver housing (100) includes one or more counter-vibration devices (100) to absorb rotational vibration or gyration of a hard disc drive (HDD) (106). The device (110) incorporates at least one soft, plastic sphere and a pair of concave dished surfaces facing each other and maintaining the sphere between them. The sphere of the counter-vibration device (110) supports the hard disc drive (HDD) whilst the weight of the HDD may align the dishes with each other and over the sphere. In this manner, the sphere may act as a spring and allow the HDD to vibrate or gyrate without transmitting the mechanical movement to the rest of the HDD assembly or electronic device.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.488/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMPOSITE RESIN COMPOSITION

(51) International classification	:C08L23/10
(31) Priority Document No	:2009-166388
(32) Priority Date	:15/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004529
Filing Date	:13/07/2010
(87) International Publication No	:WO 2011/007550
	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)YASUDA, HIROSHI

2)KONTA, JUN

3)UBARA, ATSUSHIKO

(57) Abstract :

A composite resin composition including a polypropylene-based resin and vegetable fibers that contain 1 wt% or less of organic solvent extractable components, the content of the polypropylene-based resin being 70 to 95 wt%; and the content of the vegetable fibers being 5 to 30 wt%.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.491/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : LOW VOC SOLVENT-BORNE PRINTING INKS

(51) International classification	:C09D11/10
(31) Priority Document No	:61/225,350
(32) Priority Date	:14/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041902
Filing Date	:14/07/2010
(87) International Publication No	:WO 2011/008808 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)DEETER, GARY A.
2)HSU, CHIEN
3)KLOTS, TIMOTHY D.

(57) Abstract :

Styrene-acrylic dispersants for use in pigment dispersions have lower viscosities than benchmark formulations such as nitrocellulose, dimer-acid based polyamides, and thermoplastic polyurethanes, prepared under otherwise identical conditions. Lower viscosities allow for the preparation of similarly viscous dispersions and inks with the styrene-acrylics when compared to traditional dispersants, at either (a) lower solvent levels, or if solvent levels are to be maintained, (b) higher pigment and solids loadings.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.455/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : CLEANING VEHICLE AND METHOD FOR PARABOLIC TROUGH SOLAR COLLECTORS

(51) International classification	:F24J2/46
(31) Priority Document No	:P200901410
(32) Priority Date	:12/06/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2010/070394
Filing Date	:16/12/2010
(87) International Publication No	:WO 2010/142837
	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)JIMENEZ HUERTAS, JUAN
2)GAMEZ VELA, DAVID
3)GARCIA RAMIREZ, ELENA

(57) Abstract :

A vehicle and method for cleaning parabolic trough solar collectors (2) by means of a motorised vehicle (1) which includes a water tank (4); front (5) and rear (6) cleaning arms, with a telescopic part (7) having several sections, coupled at one end to a pivot head (8) which supports a rotary cleaning brush (9, 16, 17) and comprises spray nozzles (10, 20), as well as proximity sensors (12) for the cleaning brushes (9, 16, 17). It comprises the same number of front and rear transverse guide rails (13) which include a linear movement means (14) coupled, by means of a pivot (15), to the cleaning arms (5, 6). The cleaning brushes (9, 16, 17) are movable in relation to the pivot head (8) by means of a shaft (21) actuated by a retraction actuator (27) for overcoming obstacles (26).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.457/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : TREATMENT OF COAGULOPATHY WITH HYPERFIBRINOLYSIS

(51) International classification :A61K38/36

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/004218
Filing Date :12/06/2009

(87) International Publication No :WO 2010/142309
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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AACHEN Germany

(72)Name of Inventor :

1)PETERSEN, KARL-UWE

2)NESHEIM, MICHAEL, ERNEST

3)FOLEY, JONATHAN, HERBERT

(57) Abstract :

The present invention relates to the use of thrombomodulin analogues for the manufacture of a medicament for the treatment of coagulopathy with hyperfibrinolysis, such as haemophilia disorders. These thrombomodulin analogs exhibit at therapeutically effective dosages an antifibrinolytic effect. Novel protein modifications together with methods for their identification are disclosed.

No. of Pages : 82 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.46/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMPOSITE PARTS CONTAINING PLASTICALLY DEFORMABLE RIGID POLYURETHANE FOAM, ADHESIVE, AND COVERING MATERIAL

(51) International classification	:C08G18/12
(31) Priority Document No	:09162055.9
(32) Priority Date	:05/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057675
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/139708
	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)BASF SE

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(72)Name of Inventor :

1)ALEMDAROGLU, FIKRI EMRAH

2)PACHECO GONZALEZ, ALFONSO

3)PARTUSCH, GEORG

(57) Abstract :

The present invention relates to a method for producing composite parts, wherein a thermoform able rigid polyurethane foam is provided and adhesively bonded with covering material, wherein a moisture-curing polyurethane adhesive that is cured by being brought into contact with an aqueous catalyst solution is used as an adhesive. The present invention further relates to a composite part that can be obtained according to such a method, and to the use of the composite part in vehicles, in particular as a headliner.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.460/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

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

(51) International classification :C01B35/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2009/061216
Filing Date :19/06/2009
(87) International Publication No :WO 2010/146710
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)WAKI, MASAHIRO
2)MIYAMOTO, KAZUHIRO
3)HIRANO, KAZUTAKA

(57) Abstract :

An object of the invention is to provide a tetrafluoroborate producing method that allows high-yield, high-efficiency production of a tetrafluoroborate by a continuous process, a tetrafluoroborate-containing electrolyte, and an electrical storage device including such an electrolyte. The invention provides a method for producing a tetrafluoroborate, which includes: a first step including dissolving boron trifluoride gas in an organic solvent; a second step including adding, to the organic solvent, a fluoride (MF_n, wherein M represents a metal or NH₄, and n is 3) in an amount stoichiometrically equivalent to or less than the amount of the boron trifluoride so that a tetrafluoroborate solution is produced; and a third step including circulating the tetrafluoroborate solution through the first step so that the boron trifluoride gas is dissolved in the tetrafluoroborate solution instead of the organic solvent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.511/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : A CONTAINER FOR FORMING A CELL AGGREGATE AND A METHOD FOR FORMING A CELL AGGREGATE

(51) International classification	:C12M1/00
(31) Priority Document No	:2009-142254
(32) Priority Date	:15/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060142
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/147122
	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 :**
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(72)**Name of Inventor :**
1)SHIGEYOSHI FUJIWARA
2)KEIGO TAKEI
3)AYA HIRAYAMA
4)YUKIMITSU SUDA

(57) Abstract :

A container for forming a cell aggregate is provided in which a group represented by a general formula of: (in the formula, each of R1, R2, and R3 is independently a an alkyl group with a carbon number of 1 or more and 6 or less and m is an integer of 2 or more and 6 or less.) and at least one of an amino group, a carboxyl group, and a hydroxyl group are present near a surface thereof.

No. of Pages : 62 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4115/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/06/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR LOAD-ADAPTIVE BACKOFF FOR WIMAX RANGING

(51) International classification :H04W74/08
(31) Priority Document No :12/337,633
(32) Priority Date :18/12/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/067898
Filing Date :14/12/2009
(87) International Publication No :WO 2010/080362 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)TOM CHIN
2)KUO-CHUN LEE

(57) Abstract :

Certain embodiments of the present disclosure provide an adaptive technique to determine size of a ranging back-off window according to a load of ranging channel. By applying an adaptive increase of the back-off window size, a probability of collision between ranging codes within a same transmission opportunity can be alleviated, and the ranging channel load can be decreased more efficiently than in the case of a standard non-adaptive back-off procedure.

No. of Pages : 34 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.415/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : SWITCHES WITH VARIABLE CONTROL VOLTAGES

(51) International classification	:H03K17/06
(31) Priority Document No	:61/229,589
(32) Priority Date	:29/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043593
Filing Date	:28/07/2010
(87) International Publication No	:WO 2011/014582 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)MARCO CASSIA

(57) Abstract :

Switches with variable control voltages and having improved reliability and performance are described. In an exemplary design, an apparatus includes a switch, a peak voltage detector, and a control voltage generator. The switch may be implemented with stacked transistors. The peak voltage detector detects a peak voltage of an input signal provided to the switch. In an exemplary design, the control voltage generator generates a variable control voltage to turn off the switch based on the detected peak voltage. In another exemplary design, the control voltage generator generates a variable control voltage to turn on the switch based on the detected peak voltage. In yet another exemplary design, the control voltage generator generates a control voltage to turn on the switch and attenuate the input signal when the peak voltage exceeds a high threshold.

No. of Pages : 34 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.423/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : PRENATAL MILK DERIVED COMPOSITION FOR PREVENTING THE RISK OF LOW BIRTHWEIGHT OF NEWBORNS

(51) International classification	:A23L1/29	(71)Name of Applicant :
(31) Priority Document No	:2009-143615	1)MEIJI CO., LTD.
(32) Priority Date	:16/06/2009	Address of Applicant :2-10, SHINSUNA 1-CHOME, KOTO-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2010/003959	1)YAMADA, MIO
Filing Date	:15/06/2010	2)KANEKO, TETSUO
(87) International Publication No	:WO 2010/146831	3)NAGATA, MASASHI
	A1	4)TAKAHASHI, TAKESHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to develop a pharmaceutical composition or a food composition that ameliorates the low birth weight of newborns and prevents the birth weight from decreasing to a level below the average body weight (low body weight at birth) through improvement of nutrients during pregnancy. The present invention provides an agent for preventing low birthweight comprising milk phospholipids as an active ingredient, by which the low birthweight of the new boras can be prevented

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.492/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : INSULATED COMPOSITE POWER CABLE AND METHOD OF MAKING AND USING SAME

(51) International classification :H01B9/02
(31) Priority Document No :61/226,151
(32) Priority Date :16/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/041315
Filing Date :08/07/2010
(87) International Publication No :WO 2011/008620 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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2)DEVE, HERVE, E.
3)GRETHER, MICHAEL, F.

(57) Abstract :

An insulated composite power cable having a wire core defining a common longitudinal axis, a multiplicity of composite wires around the wire core, and an insulative sheath surrounding the composite wires. In some embodiments, a first multiplicity of composite wires is helically stranded around the wire core in a first lay direction at a first lay angle defined relative to a center longitudinal axis over a first lay length, and a second multiplicity of composite wires is helically stranded around the first multiplicity of composite wires in the first lay direction at a second lay angle over a second lay length, the relative difference between the first lay angle and the second lay angle being no greater than about 4°. The insulated composite cables may be used for underground or underwater electrical power transmission. Methods of making and using the insulated composite cables are also described.

No. of Pages : 50 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.532/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : DEVICE FOR UNLOCKING SWING ACTION SIDE WALLS OF BOXES AND/OR CONTAINERS

(51) International classification :B65D25/00
(31) Priority Document No :10 2009 033 108.5
(32) Priority Date :15/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/004305
Filing Date :15/07/2010
(87) International Publication No :WO 2011/006654
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)PILS, VOLKER
2)HIRZ, DIETHELM

(57) Abstract :

A device for unlatching foldable side walls (2 through 5) of boxes or containers (1), wherein the side walls are hinged to the base (6) whose two opposite end walls (4, 5) can be latched to the adjacent side walls (2, 3) and the unlatching is carried out by lifting Arcuate actuating handles (13) mounted and guided, resiliently prestressed, on outer faces of the end walls (4, 5), motion-redirecting means (16, 17) on two outer ends of the actuating handle (13) having handle ends (15) projecting upward in the lifting direction (14), the motion-redirecting means converting vertical movement of lifting of the actuating handle (13) into a horizontal movement unlatching the side walls in that unlatching arms (19) acting on spring-tongue latches (10) of the side walls (4, 5) snapped into the end walls (2, 3) press them out of their engaged seat surrounding the end walls (2, 3), characterized in that the actuating handle (13) is mounted on a sliding wall panel (26) that can be displaced in an upwardly open cutout (24) of the end wall (4, 5) in lateral guides (25a, 25b) of the wall cutout (24) that extend vertically on the end wall (4, 5) into positions closing or exposing the wall cutout (24), and wherein the motion-redirecting means (17, 18, 19) interacting with the handle ends (15) of the actuating handle (13) during displacement of the sliding wall panel (26) in their assembly position in the end wall (4, 5) remain laterally adjacent the wall cutout (24).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.459/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : IMIDAZOLE DERIVATIVES AS MGLUR5 ANTAGONISTS

(51) International classification	:C07D401/04
(31) Priority Document No	:09165780.9
(32) Priority Date	:17/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/060097
Filing Date	:14/07/2010
(87) International Publication No	:WO 2011/006910
	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)LINDEMANN, LOTHAR

3)VIEIRA, ERIC

4)WICHMANN, JUERGEN

(57) Abstract :

The present invention relates to imidazole derivatives of the general formula wherein R1 signifies halogen, lower alkyl or lower alkoxy ; R2 signifies lower alkyl, lower hydroxyalkyl or lower alkoxyalkyl; R3 signifies hydrogen, lower alkyl, lower hydroxyalkyl or alkoxyalkyl; Q signifies either -N= or -CH=; R4 is a group of formula IIa or IIb wherein X, Y and Z independently are -CH= or -N=, and whereby only one of X or Y can be a nitrogen atom; R5 and R6 independently are hydrogen, lower alkyl, lower hydroxyalkyl lower alkoxyalkyl, -(CH2)m-(CO)0-lower alkyl, -(CH2)m-S(0)2-lower alkyl, -(CH2)m-C(0)-NR'R and where m = 0-3 and R and R are independently hydrogen or lower alkyl; as well as to pharmaceutically acceptable salts thereof. It has now surprisingly been found that the compounds of general formula I are metabotropic glutamate receptor antagonists. They can be used in the treatment or prevention of mGluR5 receptor mediated disorders.

No. of Pages : 51 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.486/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SUBMERSIBLE COMPOSITE CABLE AND METHODS

(51) International classification :H01B7/14
(31) Priority Document No :61/226,056
(32) Priority Date :16/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040517
Filing Date :30/06/2010
(87) International Publication No :WO 2011/008568 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)MCCULLOUGH, COLIN
2)JOHNSON, DOUGLAS, E.
3)GRETHER, MICHAEL, F.

(57) Abstract :

Embodiments of submersible composite cables include a non-composite electrically conductive core cable, a multiplicity of composite cables, including a multiplicity of composite wires, around the core cable, and an insulative sheath surrounding the composite cables. Other embodiments include an electrically conductive core cable; a multiplicity of elements selected from fluid transport, electrical power transmission, electrical signal transmission, light transmission, weight elements, buoyancy elements, filler elements, or armor elements, arranged around the core cable in at least one cylindrical layer defined about a center longitudinal axis of the core cable when viewed in a radial cross section; a multiplicity of composite wires surrounding the elements in at least one cylindrical layer about the center longitudinal axis; and an insulative sheath surrounding the composite wires. The composite wires may be metal matrix or polymer composite wires. Methods of making and using submersible composite cables are also disclosed.

No. of Pages : 59 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.499/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : BANKNOTE PROCESSING DEVICE HAVING SLEEVE REMOVAL STATION AND METHOD THEREFOR

(51) International classification	:G07D7/12
(31) Priority Document No	:10 2009 034 064.5
(32) Priority Date	:22/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/060474
Filing Date	:20/07/2010
(87) International Publication No	:WO 2011/009855
	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)DOPFER, PETER

(57) Abstract :

A bank-note processing apparatus comprises a debanding station (4) and an image capturing device (14) by means of which first and second information items applied to the band (16) can be optically captured and digitally stored. The image capturing device (14) comprises at least one mirror (18), preferably two symmetrically arranged mirrors, in order for information items on the band (16) that lie on different sides of the bank-note stack on the banded bank-note stack to be able to be optically captured simultaneously. The image capture can be effected before or after the removal of the band (16) from the bank-note stack.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.604/CHENP/2012 A

(43) Publication Date : 15/03/2013

(54) Title of the invention : SWITCHES WITH BIAS RESISTORS FOR EVEN VOLTAGE DISTRIBUTION

(51) International classification :H03K17/687
(31) Priority Document No :61/230,091
(32) Priority Date :30/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044032
Filing Date :30/07/2010
(87) International Publication No :WO 2011/014848 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)JEREMY D. DUNWORTH

(57) Abstract :

Switches with connected bulk for improved switching performance and bias resistors for even voltage distribution to improve reliability are described. In an exemplary design, a switch may include a plurality of transistors coupled in a stack and at least one resistor coupled to at least one intermediate node in the stack. The transistors may have (i) a first voltage applied to a first transistor in the stack and (ii) a second voltage that is lower than the first voltage applied to bulk nodes of the transistors. The resistor(s) may maintain matching bias conditions for the transistors when they are turned off. In one exemplary design, one resistor may be coupled between the source and drain of each transistor. In another exemplary design, one resistor may be coupled between each intermediate node and the first voltage. The resistor(s) may maintain the source of each transistor at the first voltage.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.497/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : EXTRUDER

(51) International classification :B29C47/40

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/005162
Filing Date :16/07/2009

(87) International Publication No :WO 2011/006516
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)BLACH, JOSEF A.

(57) Abstract :

An extruder having a housing with at least two axially parallel shafts which are capable of being driven in the same direction is provided with at least two-flight intermeshing conveying elements (2, 11, 12, 21, 22, 31, 32, 41, 42, 43, 50, 51, 52, 53) stripping each other at an axial distance (Ax) with a small clearance over the entire circumference, having a distance (a) between the comb (6, 6') of the at least one further flight and the inner wall (1) of the housing. Each conveying element (2, 11, 12, 21, 22, 31, 32, 41, 42, 43, 50, 51, 52, 53) has at least two conveying sections (3, 4; 11a to 11f, 12a to 12f; 21a to 21e, 22a to 22e; 31a to 31e, 32a to 32e; 41a to 41e; 50a to 50e; 51a to 51e; 52a to 52e; 53a to 53e) rotated through an angle, wherein each conveying section has an axial length (Ls) corresponding to at most the outer diameter (Da) of the conveying element (2, 11, 12, 21, 22, 31, 32, 41, 42, 43, 50, 51, 52, 53).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.60/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : ROTATING DESORBER WHEEL

(51) International classification	:B01D53/14
(31) Priority Document No	:20092629
(32) Priority Date	:10/07/2009
(33) Name of priority country	:Norway
(86) International Application No	:PCT/NO2010/000283
Filing Date	:12/07/2010
(87) International Publication No	:WO 2011/005118 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)STRAND, ASBJORN
2)FIVELAND, TORBJORN
3)EIMER, DAG, ARNE

(57) Abstract :

The present invention relates to a system for desorption of CO₂ from an absorption fluid comprising a cylinder -with an open inner core, a reboiler (317) comprising a stripper unit arranged between the inner core and the circumference of the cylinder, where the reboiler (317) pump rising the stripper unit is rotatable arranged around an axis through the core, where the system further comprises a condenser (316, 346) rotatable arranged in proximity of the cylinder and rotatable around the same axis, where all the parts of the system are symmetrically arranged around the rotational axis through the core, and where all the fluid paths through the rotational parts of the system are arranged to provide symmetry. and weight balance when the system is operational. The invention also relates to a method for desorbing CO₂.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.61/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : MEDIA FOR REMOVAL OF CONTAMINANTS FROM FLUID STREAMS AND METHOD OF MAKING AND USING SAME

(51) International classification	:B01J20/00
(31) Priority Document No	:61/223,149
(32) Priority Date	:06/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041039
Filing Date	:06/07/2010
(87) International Publication No	:WO 2011/005742 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)KUHEL, ANTHONY E.
2)ADAMS, HARRY, A.
3)SACCO, GINA

(57) Abstract :

Sorption media for removal of contaminants from fluid streams are provided. The sorption media comprise an active compound bound or linked to a support substrate or matrix. Support substrates can include iron- and alumina-based materials. A method for making sorption media for the removal of contaminants from fluid streams is also described. The method includes selecting a support substrate, and, optionally, providing a doping mixture comprising an active compound. The selected support substrate can be contacted with the doping mixture to form a doped mixture. The doped mixture can be reacted at a predetermined temperature and atmospheric environment for a predetermined duration to form an active media, wherein the active compound is bound or linked to the support substrate.

No. of Pages : 62 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION

(21) Application No.638/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : NANOPARTICULATE TELMISARTAN COMPOSITIONS AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:A61K9/14
(31) Priority Document No	:P0900383
(32) Priority Date	:19/06/2009
(33) Name of priority country	:Hungary
(86) International Application No	:PCT/HU2010/000070
Filing Date	:18/06/2010
(87) International Publication No	:WO 2010/146406 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)OTVOS, ZSOLT
3)PONGRACZ, KATALIN
4)DARVAS, FERENC

(57) Abstract :

The present invention is directed to nanostructured (nanoparticulated) Telmisartan compositions, process for the preparation thereof and pharmaceutical compositions containing them. The nanoparticles of Telmisartan according to the invention have an average particle size of less than about 600nm. Telmisartan is an angiotensin II receptor antagonist (ARB) used in the management of hypertension

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.58/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR MANUFACTURING A PIEZOELECTRIC CERAMIC BODY

(51) International classification :H01L41/22
(31) Priority Document No :61/218,690
(32) Priority Date :19/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/001778
Filing Date :21/06/2010
(87) International Publication No :WO 2010/147675 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)LIUFU, DE
2)REGNIERE, LOUIS

(57) Abstract :

The present invention relates to a method of manufacturing a piezoelectric ceramic body and devices there from. The method comprises mixing a piezoelectric ceramic powder with a polymer binder and surfacant to form a slip mixture, casting the slip mixture into a mold and setting to the slip mixture in the mold to form a green body, cutting the green body to form a cut green body with an array of micron-sized ceramic elements and separation, and sintering the cut green body to form a sintered ceramic body. The sintered ceramic body can be further process to encasing in a polymer material to form a piezoelectric ceramic-polymer composite. The piezoelectric ceramic-polymer composite can be further processed to form devices such as acoustic transducers and sensors. .

No. of Pages : 30 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.602/CHENP/2012 A

(43) Publication Date : 15/03/2013

(54) Title of the invention : BIAS CURRENT MONITOR AND CONTROL MECHANISM FOR AMPLIFIERS

(51) International classification :H03F1/30
(31) Priority Document No :61/230,089
(32) Priority Date :30/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044033
Filing Date :30/07/2010
(87) International Publication No :WO 2011/014849 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)ARISTOTELE HADJICHRISTOS
3)NATHAN M. PLETCHER

(57) Abstract :

Techniques for monitoring and controlling bias current of amplifiers are described. In an exemplary design, an apparatus may include an amplifier and a bias circuit. The amplifier may include at least one transistor coupled to an inductor. The bias circuit may generate at least one bias voltage for the at least one transistor in the amplifier to obtain a target bias current for the amplifier. The bias circuit may generate the at least one bias voltage based on a voltage across the inductor in the amplifier, or a current through a current mirror formed with one of the at least one transistor in the amplifier, or a gate-to-source voltage of one of the at least one transistor in the amplifier, or a voltage in a replica circuit replicating the amplifier, or a current applied to the amplifier with a switched mode power supply disabled.

No. of Pages : 41 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.605/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : CONFIGURABLE ANTENNA INTERFACE

(51) International classification	:H01Q3/30
(31) Priority Document No	:12/512,956
(32) Priority Date	:30/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044031
Filing Date	:30/07/2010
(87) International Publication No	:WO 2011/014847 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)SOLON JOSE SPIEGEL

2)VERED BAR BRACHA

(57) Abstract :

Techniques for interfacing a set of active elements with an antenna array. In one exemplary embodiment, the active elements include a plurality of signal paths, each signal path including a mixer coupled to a local oscillator (LO) signal having an adjustable phase. When the active elements are to be interfaced with an unbalanced antenna, the phase of the LO signal for each signal path coupled to the unbalanced antenna may be adjusted independently of the other signal paths. When the active elements are to be interfaced with a balanced antenna, the phases of the LO signals for the two signal paths coupled to the balanced antenna are adjusted to differ by n radians from each other. The techniques may be applied in either receiver or transmitter applications to provide a flexible interface between an antenna array and an integrated circuit (IC) without the use of baluns.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6591/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A CORNER CONNECTION

(51) International classification	:A47B88/00
(31) Priority Document No	:20 2009 002 242.0
(32) Priority Date	:17/02/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/050857
Filing Date	:26/01/2010
(87) International Publication No	:WO 2010/094532
	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)SCHUBERT, MICHAEL

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3)BAUM, JURGEN

(57) Abstract :

The invention relates to a corner connection (1), in particular for a drawer, having a first wall element (2) and a second wall element (3) arranged at an angle thereto, wherein there is a connector (4) that can be mounted on the first wall element (2) and has a receptacle for inserting the second wall element (3), characterized in that a holding element (5) can be inserted in the connector (4), by means of which the second wall element (3) can be fastened to the connector (4).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6954/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : IMAGE PICKUP OPTICAL SYSTEM FOR CAPSULE ENDOSCOPE

(51) International classification	:G02B13/04
(31) Priority Document No	:2009-071918
(32) Priority Date	:24/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/055140
Filing Date	:24/03/2010
(87) International Publication No	:WO 2010/110349
	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 :

To widen an angle of view and make an image surface coincide with the neighborhood of an image pickup surface over the whole angle of view. A capsule endoscope 10 includes an image pickup optical system 20 for capturing an image of an object 12 in the shape of concave hemisphere surface. The image pickup optical system 20 satisfies a condition expressed by $-5 < Azr/Zp$

No. of Pages : 103 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.72/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : THROUGH-PORT-OXY-FUEL BURNER

(51) International classification	:C03B5/235
(31) Priority Document No	:61/184944
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037076
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/144286 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)HABEL, MICHAEL EDWARD
3)WATSON, MATTHEW JAMES

(57) Abstract :

A fluid-cooled through-port oxy-fuel burner for converting an air-fuel regenerator port from air-fuel combustion to oxy-fuel combustion and an associated furnace and method. The oxy-fuel burner is suitable for installing through a regenerator port neck. The burner has an elbow-like bend to accommodate the geometry of the regenerator port neck. The burner has a cooling fluid jacket, a fuel conduit, a first oxidant conduit, and optionally an oxidant staging conduit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.75/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : AUTO-SCALING OF PARAMETRIC IMAGES

(51) International classification :G06T5/40
(31) Priority Document No :09162171.4
(32) Priority Date :08/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/058031
Filing Date :08/06/2010
(87) International Publication No :WO 2010/142694
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)ARDITI, MARCEL
3)MERCIER, LAURENT
4)ROGNIN, NICOLAS
5)ALLEMANN, ERIC

(57) Abstract :

A solution is proposed for analyzing a body-part. A corresponding data- processing method (A1-A14a;A1-A14b) includes the steps of providing (A1-A4) a parametric map including a plurality of parameter values each one characterizing a corresponding location of the body-part, and determining (A5-A1 la-A5-A1 lb) at least one statistical indicator of at least one distribution of a plurality of analysis parameter values corresponding to selected analysis locations, each statistical indicator being indicative of a condition of an analysis region of the body-part defined by the analysis locations. In the solution according to an embodiment of the invention, the step of determining at least one statistical indicator includes, for each distribution of the analysis parameter values, determining (A5) a saturation value partitioning an ordered sequence of processing parameter values, corresponding to selected processing locations at least including the analysis locations, into a first subset and a second subset consisting of a number of the processing parameter values being determined according to a predefined auto-scaling percentage, generating (A6) an auto- scaled map including, for each processing location, an auto- scaled value being equal to the corresponding processing parameter value if included in the second subset, or the saturation value if the corresponding processing parameter value is included in the first subset, and determining (A8A-A1 la;A8b-A1 lb) the at least one statistical indicator from the auto-scaled values corresponding to the analysis locations.

No. of Pages : 69 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.758/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : ROLLING PROCESS AND RELATING LONGITUDINAL, MULTI-STAND ROLLING MILL OF CONTINUOUS, RESTRAINED TYPE FOR HOLLOW BODIES

(51) International classification	:B21C45/00
(31) Priority Document No	:MI2009A001143
(32) Priority Date	:29/06/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/059182
Filing Date	:29/06/2010
(87) International Publication No	:WO 2011/000819
	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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1)CERNUSCHI, ETTORE
2)LATTANZI, MAURO

(57) Abstract :

A longitudinal, multi-stand rolling mill of the continuous, restrained type for rolling hollow bodies is described, which comprises a main rolling mill (2) and an extracting rolling mill (4) in line and downstream of the main rolling mill, at a distance from the main rolling mill larger than the maximum length of the hollow body and of the spindle, and in which the spindle is extracted at the outlet of the main rolling mill in the gap between said main rolling mill and extracting rolling mill, and is laterally unloaded.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.77/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : REFLECTIVE AXICON SYSTEMS AND METHODS

(51) International classification	:G02B17/08
(31) Priority Document No	:12/455807
(32) Priority Date	:05/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001623
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/141092 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)NADORFF, GEORGE

(57) Abstract :

A reflexicon system comprising two or more reflexicons, either, neither, or both of which can be formed of solid light transmitting material, is provided and described for use and implementation as objectives, relays, and beam expanders. Each reflexicon features a central substantially cone shaped surface and a distal surface shaped like a truncated cone with both of said surfaces aligned with and symmetrically arranged around a central axis. In the system provided said central axes are aligned and form the optical axis of the system and further curvatures can be provided to any of said surfaces as well as to incident and exiting system surfaces to provide additional optical effects as required for different applications. Further, the conical surfaces forming the central reflectors can each or both be convex or concave, with ease of construction mitigating in favor of dual concave central reflectors as the preferred embodiment.

No. of Pages : 97 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.71/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : THERMAL TREATMENT SYSTEM AND APPARATUS WITH BIOFEEDBACK-DRIVEN PROTOCOL

(51) International classification	:A61F7/00
(31) Priority Document No	:09164524.2
(32) Priority Date	:03/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/059379
Filing Date	:01/07/2010
(87) International Publication No	:WO 2011/000919
	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)DEWAEGENAERE, LEVI, EMMERIK, A.

(57) Abstract :

The invention provides for a thermal treatment device for generating a feedback-driven protocol for thermal treatment of a human or animal body part. The device comprises measurement means adapted to acquire data of a thermal treatment from the body part and means for adapting the thermal treatment of the body part on the basis of the data acquired. Further, a method for generating a feedback-driven protocol for thermal treatment of a human or animal body part is provided. Said method comprises the steps of acquiring data of a thermal treatment from the body part and adapting the thermal treatment of the body part on the basis of the data acquired.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.74/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR PRODUCING POLY(ARYLENE ETHER) BLOCK COPOLYMERS

(51) International classification	:C08G75/23
(31) Priority Document No	:09162139.1
(32) Priority Date	:08/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057676
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/142585
	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)WEBER, MARTIN

2)SCHMIDT, CHRISTIAN

3)KHVOROST, ALEXANDER

4)GIBON, CECILE

5)MALETZKO, CHRISTIAN

(57) Abstract :

The present invention relates to a process for the production of polyarylene ether block copolymers comprising, in a first stage, the reaction of at least one aromatic dihydroxy compound comprising 4, 4'-dihydroxybiphenyl in a molar excess and of at least one aromatic dihalogen compound, to form a polybiphenyl sulfone polymer, and then, in a second stage, the reaction of the polybiphenyl sulfone polymer with at least one aromatic dihydroxy compound and of at least one aromatic dihalogen compound. The invention further relates to the resultant polyarylene sulfone block copolymers and to the use of the polyarylene sulfone block copolymers for the production of moldings, fibers, films, or foams.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.76/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : ION GENERATION APPARATUS AND ELECTRIC EQUIPMENT

(51) International classification	:H01T23/00
(31) Priority Document No	:2009-136128
(32) Priority Date	:05/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057134
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/140434
	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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OSAKA-SHI, OSAKA 545-8522 Japan

(72)Name of Inventor :

1)NODA, YOSHIYUKI

(57) Abstract :

An ion generation apparatus (1) includes an opposing electrode (10, 11), a discharge electrode (3a to 3d) for generating ions between itself and the opposing electrode (10,11), and a slider (20) constructed to be movable between a contact state in which contact with the discharge electrode (3a to 3d) is established and a non-contact state in which contact is not established in order to clean the discharge electrode (3a to 3d). Thus, an ion generation apparatus and electric equipment capable of preventing lowering in ion generation efficiency even in an environment where there is much dust can be obtained.

No. of Pages : 71 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.81/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM FOR DETECTION AND TREATMENT OF INFECTION OR INFLAMMATION

(51) International classification	:A61B5/00
(31) Priority Document No	:09164535.8
(32) Priority Date	:03/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/059377
Filing Date	:01/07/2010
(87) International Publication No	:WO 2011/000918
	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)DEWAEGENAERE, LEVI, EMMERIK, A.

(57) Abstract :

The invention provides for a system for visualizing a medical treatment of a human or animal body part. The system comprises means for thermal treatment of the body part, means for determining the temperature distribution on the body part, and means for identifying the location of a particular temperature determined on the body part. Further, a method for visualizing the temperature characteristics of a human or animal body part is provided. The method comprises the steps of comparing a first temperature distribution data set of the surface of the body part with a second temperature distribution data set of the surface of the body part, wherein the first temperature distribution data set is determined before and the second temperature distribution data set is determined after a thermal treatment of the body part, and visualizing the temperature distribution data sets of the body part. Furthermore, a computer program product is provided. The computer program product comprises one or more computer readable media having computer executable instructions for actuating and controlling the steps of the method as discussed above.

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.73/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : SNAP MEMBER

(51) International classification :A44B1/44

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2009/060466
Filing Date :08/06/2009

(87) International Publication No :WO 2010/143255
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)HASEGAWA, KENJI

2)SUZUKI, KAZUHIKO

3)SUGIYAMA, HIROYUKI

(57) Abstract :

A snap member 10, 40, 60 has a main body 11, 41, 61 where an insertion portion 16, 46, 66 is formed, and the insertion portion 16, 46, 66 has a circular insertion opening 17, 47, 67 to which the post 31 of the snap-fixing member 30 that has penetrated through the flexible sheet 20 is to be inserted. The main body 11,41,61 has a groove 18, 48, 68 formed around the insertion opening 17, 47, 67 of the insertion portion 16, 46, 66 via a ring-like wall portion 19, 49, 69. The insertion portion 16, 46, 66 is tapered where the diameter of the insertion opening 17, 47, 67 is less than the diameter of the post 31 of the snap-fixing member 30 and gradually increases as advancing in a depth direction.

No. of Pages : 32 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7720/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CELLULAR ASSAY EMPLOYING DETECTABLE PROTEIN

(51) International classification :C12Q1/68
(31) Priority Document No :61/172,680
(32) Priority Date :24/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/032160
Filing Date :23/04/2010
(87) International Publication No :WO 2010/124157 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)TREIBER, DANIEL
2)LEWIS, WARREN, G.
3)WODICKA, LISA, M.

(57) Abstract :

Provided herein are assays useful, for example, for determining the activity of a protein involved in a cellular process. In some embodiments, the activity of the protein is assessed using a nucleic acid tag, and in particular, by detecting the presence of a nucleic acid tag. Such assays can be used, for example, to study the effects of test compounds as modulators, e.g., inhibitors, agonists and antagonists, of protein activity.

No. of Pages : 83 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(21) Application No.780/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : BACTERIAL EXPRESSION OF AN ARTIFICIAL GENE FOR THE PRODUCTION OF CRM197 AND ITS DERIVATIVES

(51) International classification	:C07K14/34
(31) Priority Document No	:FI2009A000137
(32) Priority Date	:25/06/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/052910
Filing Date	:25/06/2010
(87) International Publication No	:WO 2010/150230
	A8
(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)BAGLIONI, PIERO
2)HOCHKOEPLER, ALEJANDRO
3)STEFAN, ALESSANDRA

(57) Abstract :

The present invention relates to polynucleotide sequences comprising the SEQ ID N° 1 encoding CRM197 and optimised for its expression in E. coli. The invention consequently concerns a method for the production of CRM197 in E. coli via a fusion protein CRM197-tag.

No. of Pages : 47 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7856/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PRINT CARRIAGE

(51) International classification	:B41J2/21
(31) Priority Document No	:0907362.8
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/055769
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/125129
	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)HUDD, ALAN
2)KOELE, GERRIT
3)BENNET, SIMON

(57) Abstract :

A system and method for depositing a substance onto a continuously moving substrate in first and second transverse swathes, is achieved by providing a print carriage having a first set of inkjet heads and a second set of inkjet heads. The carriage is traversed across the substrate in a forward pass, while depositing the first and second swathes from the respective first and second plurality of inkjet heads and subsequently traversed across the substrate in a reverse pass. The first and second sets of inkjet heads are arranged such that the first and second swathes complement one another on both forward and reverse passes to provide substantially complete coverage of the substrate. In this manner complementary swathes may be deposited from a single head.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8160/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : ORGANIC EL ELEMENT AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :H05B33/10
(31) Priority Document No :2009-145352
(32) Priority Date :18/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/002082
Filing Date :24/03/2010
(87) International Publication No :WO 2010/146754
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)INOUE, SATOSHI

(57) Abstract :

A donor film 40 including an organic donor layer 42 and a transfer target substrate 12 including a lower electrode 7 are prepared. The organic donor layer 42 is thermally transferred to the top of the lower electrode 7 of the transfer target substrate 12 to form an organic layer 17 by placing the donor film 40 between the transfer target substrate 12 and a thermal head 38 and bringing the transfer target substrate 12 and the thermal head 38 into close contact with each other by magnetic attraction of a magnetic body 4, and then an upper electrode is formed on the organic layer 17, to obtain an organic EL element. This provides an organic EL element with excellent quality free from unevenness in the transfer of the organic donor layer from the donor film even when the transfer target substrate is large in size.

No. of Pages : 45 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.80/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : DEVICE FOR SUPPLYING ELECTRICAL ENERGY FROM A PLURALITY OF STRINGS OF PHOTOVOLTAIC MODULES TO POWER GRID

(51) International classification	:H02J1/10
(31) Priority Document No	:09167414.3
(32) Priority Date	:06/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/061304
Filing Date	:03/08/2010
(87) International Publication No	:WO 2011/015587
	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)FALK, ANDREAS
2)GOLDAU, JAN
3)SCHULZE, GEROL
4)FISCHER, JOCHEN

(57) Abstract :

In a device (1) for supplying electrical energy from a plurality of strings (2) of photovoltaic modules (3) to a power grid (4), which comprises a connection terminal (7) for each string (2) of the plurality of strings (2), each connection terminal (7) comprising over-current protection means including a power switch (9) for selectively disconnecting the respective string (2), and a central insulation monitoring unit (15) providing an insulation status of the entire plurality of strings (2); the power switch (9) of each over-current protection means is an all-pole disconnecting power switch (9) which can be opened and closed by a controller (11-13) via a motor in response to the insulation status provided by the central insulation monitoring unit (15) to select and selectively disconnect a string having an insulation failure, and to further supply electrical energy from the remaining strings (2) of the plurality of strings (2) having no insulation failure. .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8170/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PISTON WITH CROWN COOLING JET

(51) International classification	:F02F3/22
(31) Priority Document No	:61/168,291
(32) Priority Date	:10/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030378
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/118223 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)REBELLO, JOSE

(57) Abstract :

A piston (10, 10') includes a piston body (12, 12') having an upper crown portion (16, 16') with an upper combustion dome (18, 18') against which combustion forces act. The underside of the upper combustion dome (18, 18') comprises an under-crown region (60, 60'). The piston body (12, 12') also includes a lower crown portion (26, 26') with a pair of pin bosses (36, 38) spaced apart for pivotally adjoining a connecting rod. An outer oil gallery (31, 31') is formed as an inclusion between the upper (16, 16') and lower (26, 26') crown portions. The outer oil gallery (31, 31') has an oil inlet (50, 50') and an oil outlet (52, 52'). A tubular oil jet (54, 54') is affixed in fluid communication with the oil outlet (52, 52') and extends toward the under-crown region (60, 60') where oil is discharged during reciprocation of the piston (16, 16'). Cooling oil from the outer oil gallery (33) is channeled by the oil jet (54, 54') to the under-crown region 960, 60') providing supplemental cooling in a passively actuated system.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8172/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : LIGHT SOURCE

(51) International classification	:H01J65/04
(31) Priority Document No	:0907947.6
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000911
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/128301 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)NEATE, ANDREW SIMON

(57) Abstract :

An electrodeless, microwave lamp (1) has a magnetron (2) as a microwave source and an excitable material lucent crucible (5) in whose excitable material a plasma is established. For coupling microwaves from the magnetron into the crucible, an air wave guide coupling circuit (4) is provided, with an output of the magnetron as an input at one quarter lambda from one end and an output at one quarter from the other end as an input to a connection to the crucible.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8174/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : LIGHTING DEVICE, DISPLAY DEVICE, AND TELEVISION RECEIVER

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-119081
(32) Priority Date	:15/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/052722
Filing Date	:23/02/2010
(87) International Publication No	:WO 2010/131507
	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 :

An object of the present invention is to reduce uneven brightness . A backlight unit 12 of the present invention includes a hot cathode tube 17, a chassis 14, a diffuser plate 30, and a lamp clip 20. The hot cathode tube 17 is a linearly formed light source. The chassis 14 houses the hot cathode tube 17 and has an opening 14b for light from the light source to pass through. The diffuser plate 30 is an optical member 15 is arranged so as to face the hot cathode tube 17 and to cover the opening 14b. The lamp clip 20 is a light-source holding member holding a luminous portion LP of the hot cathode tube 17. An area of the diffuser plate 30 overlapping the lamp clip 20 (a light-source holding member overlapping area) includes a low-light-reflectance area LR having light reflectance relatively at at least first surface 3 0a facing the hot cathode tube 17 smaller than that of a peripheral area ALR.

No. of Pages : 90 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8163/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : MULTI-BIT CLASS-D POWER AMPLIFIER SYSTEM

(51) International classification	:H03F3/217
(31) Priority Document No	:12/465,550
(32) Priority Date	:13/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034792
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/132705 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)ZHIHENG CAO

(57) Abstract :

Techniques for designing an efficient power amplifier are described. In one aspect, multiple single unit instance class-D power amplifiers with coupled outputs are utilized to increase efficiency and reduce quantization noise. In another aspect, multiple groups of single unit instance class-D power amplifiers are coupled at the outputs thereof with each group of power amplifiers configured to resonate at unique frequency. This results in increased efficiency and reduction of quantization noise at multiple frequencies bands.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8166/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : USES OF CATIONIC HYDROXYETHYLCELLULOSE IN ORAL INGESTION FORMS, AND PREVENTION AND TREATMENT OF METABOLIC DISORDERS

(51) International classification :A61K31/717

(31) Priority Document No :61/176,611

(32) Priority Date :08/05/2009

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

(86) International Application No :PCT/US2010/033890
Filing Date :06/05/2010

(87) International Publication No :WO 2010/129788 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)STOTT, WILLIAM, T.

4)TUROWSKI, MACIEJ

5)YOKOYAMA, WALLACE, H.

6)YOUNG, SCOTT, A.

(57) Abstract :

Described are an oral ingestion form comprising cationic hydroxyethylcellulose, and methods of using the same in prevention and treatment of metabolic disorders.

No. of Pages : 24 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8168/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PROCESS FOR PRODUCING A PARTICULATE NANOCOMPOSITE MATERIAL

(51) International classification :C07F7/00
(31) Priority Document No :09159814.4
(32) Priority Date :08/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/056265
Filing Date :07/05/2010
(87) International Publication No :WO 2010/128144
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)NOZARI, SAMIRA

2)DYLLICK-BRENNINGER, RAINER

3)LANGE, ARNO

4)SPANGE, STEFAN

(57) Abstract :

The present invention relates to a process for producing a particulate nanocomposite material, in which the particles of the nanocomposite material comprise a) at least one inorganic or organo(semi)metallic phase which comprises at least one (semi)metal M; and b) at least one organic polymer phase. The invention also relates to the nanocomposite materials obtainable by this process. The process comprises the polymerization of at least one monomer MM which has at least one first cationically polymerizable monomer unit A which has a metal or semimetal M, and at least one second cationically polymerizable organic monomer unit B which is joined to the polymerizable unit A via at least one, e.g. 1, 2, 3, or 4, covalent chemical bond, under cationic polymerization conditions under which both the polymerizable monomern unit A and the polymerizable unit B polymerize with breakage of the bond or bonds between A and B, wherein the polymerization is performed in an aprotic solvent in which the nanocomposite material is insoluble, in the presence of at least one polymerization initiator and of at least one further substance selected from α) at least one surface-active substance and β) at least one particulate material.

No. of Pages : 54 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8206/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : USE OF COMPOSITION FOR IMPROVING INKJET PRINTING PROPERTIES AND AN INKJET RECORDING SHEET

(51) International classification	:B41M5/52
(31) Priority Document No	:20095526
(32) Priority Date	:11/05/2009
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2010/050377
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/130876
	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)PUTTONEN, SAMI

2)OJANEN, MARI

3)HUHTALA, KIMMP

(57) Abstract :

The invention relates to an inkjet recording sheet and use of a composition for improving inkjet printing properties of an inkjet recording sheet comprising wood or lignocellulosic fibre material. According to the invention the composition comprises calcium sulphate dihydrate and starch solution.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8207/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : ION GENERATING APPARATUS AND AIR CLEANER

(51) International classification :A61L9/22
(31) Priority Document No :2009-100125
(32) Priority Date :16/04/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/053295
Filing Date :02/03/2010
(87) International Publication No :WO 2010/119733
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)TSUDA, TSUTOMU
2)YOSHIMURA, ICHIROU

(57) Abstract :

An ion generating apparatus has a housing having an intake port and an exhaust port; a fan 2 having an impeller 21 and a casing 22 accommodating the impeller 21, and accommodated in the housing; a filter passing the air taken in through the intake port by the fan % and two ion generating parts generating positive ions and negative ions. The ion generating parts are arranged in an arc-shaped guide wall 22a of the casing 22. The positive ions and the negative ions generated by the ion generating parts are efficiently mixed into air flowing in a state of laminar flow along the arc-shaped guide wall 22a.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8175/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : LIGHTING DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-119023
(32) Priority Date	:15/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/052709
Filing Date	:23/02/2010
(87) International Publication No	:WO 2010/131504
	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 :

An object of the present invention is to suppress occurrence of uneven brightness. A lighting device 12 includes a hot cathode tube 17 that is a light source, a chassis 14 housing the hot cathode tube 17 and having an opening 14b for light from the hot cathode tube 17 to pass through, a diffuser 3 0 that is an optical member 15 that is provided to face the hot cathode tube 17 and cover the opening 14b, and a support member 2 0 supporting the diffuser 3 0 on a hot cathode tube 17 side. A low light reflectance portion LR is provided in a portion of the diffuser 3 0 that overlaps the support member 2 0 (support member overlapping portion) . At least a surface of the low light reflectance portion LR that faces the hot cathode tube 17 has light reflectance lower than an adjacent portion ALR adjacent to the low light reflectance portion LR.

No. of Pages : 101 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8177/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : VARIABLE POWER OPTICAL SYSTEM

(51) International classification	:G02B3/14
(31) Priority Document No	:61/168,524
(32) Priority Date	:10/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028421
Filing Date	:24/03/2010
(87) International Publication No	:WO 2010/117628 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)JANNARD, JAMES H.
2)NEIL, IAIN A

(57) Abstract :

Liquid lens cells are used in a variable power optical system. In one embodiment, a stop is located between a first lens group comprising at least a first liquid lens cell and a second lens group comprising at least a second liquid lens cell. In one embodiment, a liquid lens cell controls an incident angle of light rays on an image surface.

No. of Pages : 25 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8178/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : LIQUID CLEANING COMPOSITION WITH BIOFILM REMOVING FUNCTION

(51) International classification	:C11D17/00	(71)Name of Applicant :
(31) Priority Document No	:200910137121.X	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:07/05/2009	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/US2010/034044	(72)Name of Inventor :
Filing Date	:07/05/2010	1)LIU, TING
(87) International Publication No	:WO 2010/129871 A1	2)LIU, ZHILAN
(61) Patent of Addition to Application		3)LI, YU
Number	:NA	4)QIU, KAI
Filing Date	:NA	5)LU, YI BIN
(62) Divisional to Application Number	:NA	6)WU, DONG
Filing Date	:NA	7)XIE, YING WEI

(57) Abstract :

A liquid cleaning composition is provided comprising: at least one surfactant selected from the group consisting of a nonionic surfactant and an anionic surfactant; at least one hydrolase; at least one compound selected from the group consisting of isothiazolinone and derivatives thereof; and water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8179/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : TWO-FLUID MOLTEN-SALT REACTOR

(51) International classification	:G21C1/06
(31) Priority Document No	:61/176,512
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033979
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/129836 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)SHU, FRANK, H.

(57) Abstract :

A reactor vessel includes a plenum and a reactor core with first and second sets of channels. A blanket salt flows through the first set of channels, and a fuel salt flows through the second set of channels. The plenum receives the blanket salt from the first set of channels. The blanket salt provides a breed-stock for a fission reaction in the fuel salt and transfers heat generated by the fission reaction without mixing with the fuel salt.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8211/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PREDICTIVE MODELS AND METHOD FOR ASSESSING AGE

(51) International classification :C12Q1/68
(31) Priority Document No :61/169,241
(32) Priority Date :14/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/031076
Filing Date :14/04/2010
(87) International Publication No :WO 2010/120914 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)TINGLEY, WHITEMORE, G.
3)ELASHOFF, MICHAEL, R.
4)WINGROVE, JAMES, A.

(57) Abstract :

Biomarkers useful for diagnosing and assessing physiological age are provided, along with kits for measuring their expression. The invention also provides predictive models, based on the biomarkers, as well as computer systems, and software embodiments of the models for scoring and optionally classifying samples. In a preferred embodiment, the biomarkers include a group of biomarkers whose expression levels are highly correlated to each other. In a preferred embodiment, expression levels of CD248; CD248 and SLC1A7; CD248 and one, two, three or four of the group consisting of CCR7, B3GAT1, VSIG4 and LRRN3; or CD248, SLC1A7 and one, two, three or four of the group consisting of CCR7, B3GAT1, VSIG4 and LRRN3 are determined.

No. of Pages : 389 No. of Claims : 39

(54) Title of the invention : ION POPULATION CONTROL IN A MASS SPECTROMETER HAVING MASS-SELECTIVE TRANSFER OPTICS

(51) International classification :G01D18/00
 (31) Priority Document No :61/177,093
 (32) Priority Date :11/05/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/034253
 Filing Date :10/05/2010
 (87) International Publication No :WO 2010/132366 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)WOUTERS, ELOY, R.
2)SPLENDORE, MAURIZIO, A.
3)SCHWARTZ, JAE, C.

(57) Abstract :

Methods are provided for operating a mass spectrometer having at least one component through which ion transmission is dependent on ionic mass-to-charge-ratio, the methods characterized by: (a) injecting a first sample of ions having a first range of mass-to-charge ratios into an ion accumulator of the mass spectrometer for a first injection time under first operating conditions, the first operating conditions suitable for optimizing transmission through the at least one component for the first range of mass-to-charge ratios; (b) acquiring a full-scan mass spectrum of the first sample of ions; (c) selecting, based on the full scan mass spectrum, ion species having a second range of mass-to-charge ratios, the second range different than the first range; (d) calculating a second injection time, the second injection time suitable for injecting a population of the selected ion species into the ion accumulator under second operating conditions, the second operating conditions suitable for optimizing transmission through the at least one component for the second range of mass-to-charge ratios; (e) injecting a second sample of ions having the selected ion species into the ion accumulator for the second injection time under the second operating conditions; and (f) acquiring a mass spectrum of ions derived from the selected ion species in the mass spectrometer.

No. of Pages : 32 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8213/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A METHOD FOR SUPPORTING AND/ OR INTENSIFYING A PHYSICAL AND/ OR CHEMICAL REACTION, AND A REACTION DEVICE FOR CARRYING OUT SAID METHOD

(51) International classification	:B01J19/08
(31) Priority Document No	:00592/09
(32) Priority Date	:15/04/2009
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/EP2010/054987
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/119108
	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)GOGICHEV, VADIM

(57) Abstract :

A new and effective method for supporting and! or intensifying a physical and! or chemical reaction in a reaction volume of a reactor (13), which is filled with a plurality of substances, comprises the steps of: providing a reactor (13) having a reaction volume, filling said reaction volume of said reactor (13) with a plurality of substances, which take part in a physical and! or chemical reaction, adding a predetermined portion of ferromagnetic particles into said reaction volume, placing said reactor (13) with its reaction volume between at least two inductors (11, 12), such that the magnetic fields (H 1, H2) of said inductors (11, 12) interfere with each other in said reaction volume of said reactor (13), and supplying each of said inductors with an alternating current of predetermined amplitude and frequency.

No. of Pages : 28 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8215/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DEVICE FOR ATTACHING A FIRST PART TO A SECOND PART WHICH IS ITSELF ATTACHED TO A THIRD PART, ASSEMBLY OF THREE PARTS IN PARTICULAR OF A MOTOR VEHICLE

(51) International classification	:F16B5/02
(31) Priority Document No	:0953116
(32) Priority Date	:12/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050715
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/130906
	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)LEPINE, ARNAUD
2)VUILLEIN, ROLAND

(57) Abstract :

The invention relates to a device for attaching a first part (1) to a second part (2) which is attached to a third part (3), said first part (1), bearing a screw (4) that can be inserted into an opening (5) in the second part (2) and into a hole (6) in the third part (3). In addition, a nut (7), which is screwed on the screw (4), can be used to tighten the first part (1) against the second part (2). Moreover, the screw (4) is solidly connected to the first part (1) by means of a spring (8) that can deform elastically as the nut (7) is being tightened.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8216/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : THIN-FILM SOLAR CELL AND METHOD FOR PRODUCING A THIN-FILM SOLAR CELL

(51) International classification :C03C3/085
(31) Priority Document No :10 2009 020 954.9
(32) Priority Date :12/05/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/002742
Filing Date :05/05/2010
(87) International Publication No :WO 2010/130359
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)SPEIT, BURKHARD
2)RUDIGIER-VOIGT, EVELINE
3)WOLFF, SILKE
4)MANNSTADT, WOLFGANG

(57) Abstract :

The claimed thin-film solar cell comprises as least one multi-component substrate glass containing Na₂O, the substrate glass is not phase-separated and has a β -OH content of 25 - 80 mMol/l. The claimed method for producing a thin-film solar cell comprises the following steps: a) a multi-component substrate glass containing Na₂O is provided, said substrate glass has a 13-OH content of 25 - 80 mMol/l and the substrate glass is not phase-separated, b) a metal layer is applied to the substrate glass, said metal layer forming an electric rear contact of the thin-film solar cells, c) an intrinsic p-conductive polycrystalline layer is applied, said layer being made of a composite semi-conductor material, in particular a CIGS-composite semi-conductor material, having at least one high temperature step at a temperature of > 550 °C d) a p/n junction is applied. The glass is preferably composed of the following, in mole %: SiO₂ 61 - 70.5; Al₂O₃ 8.0 - 15.0; B₂O₃ 0 -4.0; Na₂O 0.5 - 18.0; K₂O 0.05-10.0; Li₂O + Na₂O K₂O 10.0 -22.0; MgO 0- 7.0; CaO 0 -5.0; SrO 0 - 9.0; BaO 0 - 5.0; CaO -b SrO + BaO + ZnO 0.5 - 11.0; TiO₂ + ZrO₂ 0 - 4.0; SnO₂ + CeO₂ 0 - 0.5; As₂O₃ + Sb₂O₃ + P₂O₅ -b La₂O₃ 0- 2.0; F₂-fr C12 0-2.

No. of Pages : 32 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8218/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PORTABLE WIRELESS DEVICE

(51) International classification	:H01Q1/24
(31) Priority Document No	:2009-116623
(32) Priority Date	:13/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/001478
Filing Date	:03/03/2010
(87) International Publication No	:WO 2010/131399
	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)YAMAGUCHI, TAKESHI

(57) Abstract :

The excellent antenna characteristics can be always obtained with a reduction in the deterioration of the antenna characteristics by avoiding an influence of the ground from the circuit board disposed close to the antenna element while maintaining the strength of the tilt-up mechanism. There are provided a first housing 11 having an antenna element 17 and a circuit board 19 disposed in parallel therein, a second housing disposed to overlap with the first housing 11, and a tilt holding member 15 including hinge part 15b which rotatably connects one end side of the first housing 11 and one end side of the second housing to each other and which is configured to hold the second housing in a state in which the second housing is tilted with respect to the first housing 11. The tilt holding member 15 includes a cored bar 30 made of a metal material is disposed along an arrangement direction of the circuit board 19 and the antenna element 17, and the cored bar 30 is divided outside an arrangement range of the circuit board 19 at the antenna element 17 side in the arrangement direction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.814/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : ENGINE BRAKE USING BRAKE VALVE AND PARTIAL ADMISSION FLOW TURBINE TURBOCHARGER

(51) International classification :F02D23/00
(31) Priority Document No :61/221,347
(32) Priority Date :29/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/036042
Filing Date :25/05/2010
(87) International Publication No :WO 2011/002565 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)CATTANI, LUIS CARLOS
3)GRAVANTE, STEVE
4)XIN, QIANFAN
5)ZIELKE, MARTIN, R.

(57) Abstract :

An engine braking system includes a butterfly valve located in the exhaust system upstream of a partial admission engine turbocharger. A bypass exhaust gas passage is used to supply exhaust gas to the turbine when the flap valve is in the closed position. By using a backpressure butterfly valve located upstream of the turbocharger, the valve can be closed completely to generate high levels of backpressure. By using the external bypass exhaust gas supply to the turbine housing, the turbine continues to spin, the engine mass flow is not choked off, and improved brake performance will result.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8221/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : RECEIVER WITH BALANCED I/Q TRANSFORMER

(51) International classification	:H03D7/14
(31) Priority Document No	:12/467,111
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035079
Filing Date	:17/05/2010
(87) International Publication No	:WO 2010/132870 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)MAULIN P.BHAGAT

3)HANIL LEE

4)RAVI SRIDHARA

(57) Abstract :

A receiver with a balanced I/Q transformer is described. In an exemplary design, the receiver includes an LNA that amplifies a received RF signal and provides a single-ended RF signal to the balanced I/Q transformer. The balanced I/Q transformer includes at least one primary-coil and first and second secondary coils. The first secondary coil is magnetically coupled to the at least one primary coil and provides a first differential RF signal to a first mixer. The second secondary coil is magnetically coupled to the at least one primary coil and provides a second differential RF signal to a second mixer. The first and second mixers downconvert the first and second differential RF signals with I and Q LO signals, respectively, and provide differential I and Q downconverted signals. The primary and secondary coils may be fabricated on two conductive layers of an integrated circuit.

No. of Pages : 30 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8223/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMPARATOR WITH HYSTERESIS

(51) International classification	:H03K3/3565
(31) Priority Document No	:12.467,935
(32) Priority Date	:18/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035086
Filing Date	:17/05/2010
(87) International Publication No	:WO 2010/135228 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)DOUGLAS SUDJIAN

(57) Abstract :

Techniques for providing a comparator incorporating amplitude hysteresis. In an exemplary embodiment, a current offset stage is coupled to a comparator having a folded cascode architecture. The current offset stage offsets the current generated from an input stage to delay switching of the comparator output to implement amplitude hysteresis. In an exemplary embodiment, rail-to-rail input voltages may be accommodated by providing dual NMOS and PMOS input stages. In another exemplary embodiment, the amplitude hysteresis may be controlled by an adjustable threshold voltage. In yet another exemplary embodiment, a constant transconductance gm bias circuit may be provided to maintain the stability of the threshold voltage across input common-mode voltage and/or other variations.

No. of Pages : 32 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8225/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR PRODUCING AN AQUEOUS COMPOSITE-PARTICLE DISPERSION

(51) International classification	:C08F2/24
(31) Priority Document No	:09157984.7
(32) Priority Date	:15/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/054332
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/118961
	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)LOHMEIJER, BAS

2)WIESE, HARM

3)JAHNS, EKKEHARD

(57) Abstract :

A process for preparing stable aqueous dispersions of composite particles.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8226/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A FURNITURE WALL AND A PIECE OF FURNITURE

(51) International classification	:A47B96/20
(31) Priority Document No	:20 2009 004 805.5
(32) Priority Date	:12/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055574
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/130569
	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)MUTERTHIES, RALF
2)SCHUBERT, MICHAEL

(57) Abstract :

The invention relates to a furniture wall, especially for kitchen furniture, comprising at least two vertical profiles (11, 11') which are connected with each other by means of at least two of horizontal profiles (4, 4', 9), with the horizontal profiles being fixed either by means of end head pieces (5, 5') or directly to the vertical profiles (11,11'), and at least one receiving element (24) is formed on each head piece (5, 5') or each horizontal profile (4, 4') for fixing a fitting (20, 40).

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.815/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR TREATING A PATIENT IN NEED OF ASPIRIN THERAPY

(51) International classification	:A01N43/40
(31) Priority Document No	:61/220,483
(32) Priority Date	:25/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039864
Filing Date	:24/06/2010
(87) International Publication No	:WO 2010/151697 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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CHAPEL HILL, NC-27517 U.S.A.

(72)Name of Inventor :

1)PLACHETKA, JOHN, R.

(57) Abstract :

The present disclosure is directed to a method for treating a disease or disorder in a patient at risk of developing an NSAID-associated ulcer by administering to the patient in need thereof a pharmaceutical composition in unit dosage form comprising aspirin, or a pharmaceutically acceptable salt thereof, and an acid inhibitor to the at risk patient and thereby decreasing the patient's risk of developing an ulcer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.82/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING THE OPERATION OF A THERAPEUTIC PAD

(51) International classification	:A61B18/00
(31) Priority Document No	:09164550.7
(32) Priority Date	:03/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/059347
Filing Date	:01/07/2010
(87) International Publication No	:WO 2011/000917
	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)DEWAEGENAERE, LEVI, EMMERIK, A.

(57) Abstract :

The invention provides for a system for controlling a therapeutic pad having a data storage medium. The system for controlling comprising means for reading and/or writing the data of the data storage medium of the therapeutic pad, and means for implementing an operational procedure depending on the data of the storage medium of the therapeutic pad. Further, a method for controlling a therapeutic pad having a data storage medium is provided. The method comprises the steps of reading and/or writing the data of the data storage medium of the therapeutic pad, and implementing operational procedure depending on the data of the storage medium of the therapeutic pad. Furthermore, a computer program product is provided. The computer program product comprises one or more computer readable media having computer executable instructions for performing the steps of the method as discussed above.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8233/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : REFLECTOR AND PARABOLIC ANTENNA USING THE SAME

(51) International classification :H01Q19/13
(31) Priority Document No :2009-123693
(32) Priority Date :22/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059051
Filing Date :21/05/2010
(87) International Publication No :WO 2010/134647
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)NEC ANTEN LTD.
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FUCHU-SHI, TOKYO 1830034. Japan
(72)**Name of Inventor :**
1)SATO, TAIKI

(57) Abstract :

A reflector includes a reflective body 3 which reflects a radio wave, an engaging part 3 a which is formed in the reflective body 3, a supporting body 4 which supports the reflective body 3, an engaged part 4a which is formed in the supporting body 4 and receives the engaging part 3 a, and an insertion amount regulation part which regulates an insertion amount when the engaging part 3 a is inserted into the engaged part 4a.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8234/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : ANTENNA AND TRANSFORMER INCLUDED IN THE SAME

(51) International classification :H01P1/18
(31) Priority Document No :10-2009-0041198
(32) Priority Date :12/05/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/003007
Filing Date :12/05/2010
(87) International Publication No :WO 2010/131904 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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NAMDONG-GU, INCHEON-SI 405-849 Republic of Korea
(72)**Name of Inventor :**
1)OH, GUN-SEOK
2)KIM, BYUNG-HO

(57) Abstract :

An antenna having a transformer exchangeable in accordance with tilting angle adjustment rate is disclosed. The antenna includes a phase shifter, a tilting adjustment apparatus and a transformer configured to move linearly in response to a force provided from the tilting adjustment apparatus, and deliver a force corresponding to the moving to the phase shifter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8235/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : POURING NOZZLE FOR USE IN A CONTAINER FOR METAL MELTS

(51) International classification	:B22D41/50
(31) Priority Document No	:10 2009 020 990.5
(32) Priority Date	:12/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002443
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/130330
	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)HERAEUS ELECTRO-NITE INTERNATIONAL N.V.
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HOUTHALEN. Belgium
(72)**Name of Inventor :**
1)DAMS, FRANCIS
2)KENDALL, MARTIN

(57) Abstract :

The invention relates to a pouring nozzle for use in a container for metal melts, having an inner wall surrounding a through-flow opening for metal melts, and an outer housing, and is characterized in that during operation of the pouring nozzle a pressure of at maximum 500 mbar exists between the inner wall and the outer housing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8236/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : OLIGOMER-CONTAINING SUBSTITUTED AROMATIC TRIAZINE COMPOUNDS

(51) International classification :C07D253/075
(31) Priority Document No :61/177,931
(32) Priority Date :13/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/034770
Filing Date :13/05/2010
(87) International Publication No :WO 2010/132691 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)NEKTAR THERAPEUTICS
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U.S.A.
(72)Name of Inventor :
1)RIGGS-SAUTHIER, JENNIFER
2)DENG, BO-LIANG

(57) Abstract :

The invention relates to (among other things) oligomer-containing substituted aromatic triazine compounds. A compound of the invention, when administered by any of a number of administration routes, exhibits one or more advantages over corresponding compounds lacking the oligomer.

No. of Pages : 59 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8258/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : QUICK RELEASE CONNECTOR

(51) International classification	:B24B45/00
(31) Priority Document No	:61/177,909
(32) Priority Date	:13/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034626
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/132620 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)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant :3M CENTER, POST OFFICE BOX
33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(72)**Name of Inventor :**
1)KRAUSE, AARON C.
2)TITOV, ALEKSANDRS

(57) Abstract :

A quick release connector for a power tool accessory having a center aperture. The connector comprises a body having a first end adapted to be attached to a shaft of a power tool and a second end that includes a connector head that is adapted to be moved axially into and to fit within the center aperture of the accessory for transferring motion from the power tool to the accessory. In one embodiment, the connector includes an indicator for providing a positive indication to a user that the connector head is properly secured to the accessory and, in another embodiment, the connector includes an ejector for pushing the accessory off of said connector head.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8261/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : ROTARY MACHINE WITH ROLLER CONTROLLED VANES

(51) International classification	:F01C1/344
(31) Priority Document No	:61/169,769
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000559
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/118518 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)KORONA GROUP LTD.

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(72)Name of Inventor :

1)SLEIMAN, TONY

2)LABA, ANDRE SARKIS

3)LABA, JESSIE JOSEPH

(57) Abstract :

A rotary machine comprising a stator forming a substantially oval-shaped chamber and a rotor rotatably mounted in the chamber on a central shaft and defining with the stator two cavities at opposite ends of the chamber. Radially slidable vanes are mounted in slots formed in the rotor and each vane has first and second primary rollers and first and second secondary rollers mounted thereon. The first rollers are mounted on a first side edge of the vane and the second rollers are mounted on an opposite side edge. Two roller cam devices are provided on sidewalls of the stator and these devices form primary and secondary camming surfaces for controlling radial movement of the vanes, these surfaces being formed inside the roller cam devices. The camming surfaces are offset from each other in an axial direction and in a radial direction relative to the axis of rotation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8263/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SPHERICAL PARTICLES AND USE THEREOF

(51) International classification	:C08G18/08
(31) Priority Document No	:09158007.6
(32) Priority Date	:16/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/054742
Filing Date	:12/04/2010
(87) International Publication No	:WO 2010/119002
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056, LUDWIGSHAFEN Germany

(72)Name of Inventor :

1)ADAMS, STEFAN

2)BULOW, GERD

3)HABERLE, KARL

4)HECKHOFF, LARS

5)KOHLER, REINHARD

6)SCHEIDL, HELFRIED

7)TREIBER, REINHARD

8)FRECHEN, THOMAS

(57) Abstract :

Spherical particles and use thereof Spherical particles having a mean diameter (number average) in the range from 1 to 100 μm , comprising at least one organic polymer, the particles having one or more open pores which have a diameter in the range from 1 to 90% of the particle diameter and a depth of at least 10% of the particle diameter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8264/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : OPTICAL CONNECTOR

(51) International classification	:G02B6/38
(31) Priority Document No	:2009-117613
(32) Priority Date	:14/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/US2010/032021
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/132187 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)OHSAWA, RENTARO
2)BYLANDER, JAMES, R.

(57) Abstract :

An optical connector is provided which is capable of enhancing the working property of connection of an optical fiber by a relatively simple structure. Front housing 5 includes cantilever-like operation lever 12 having base portion 13a fixed to a wall portion and also having forward end portion 13 continued to base portion 13a and extended to rear housing 6 along the wall portion, and fiber grip unit 25 provided in rear housing 6 includes grip element 26 having a pair of holding pieces rising from both sides of the base portion and holding core wire portion 43 of optical fiber 40 and fiber grip unit 25 also includes operation cap 27 which is pushed into element accommodating chamber 22 when it is pushed by forward end portion 13b of operation lever 12 and which has pair of leg portions 27b for holding a pair of holding pieces of grip element 26 from both sides when operation cap 27 is pushed into element accommodating chamber 22.

No. of Pages : 37 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8265/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : ANTIBODIES THAT SPECIFICALLY BIND TO A BETA OLIGOMERS AND USE THEREOF

(51) International classification :C07K16/18
(31) Priority Document No :61/212,986
(32) Priority Date :17/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2010/002771
Filing Date :16/04/2010
(87) International Publication No :WO 2010/119704
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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D11F, 3-2-1, SAKADO, TAKATSU-KU, KAWASAKI-SHI,
KANAGAWA-2130012 Japan
(72)**Name of Inventor :**
1)YOKOSEKI, TATSUKI
2)OKAMOTO, YASUhide
3)UMEDA, MAKOTO
4)ITO, TOSHIYUKI
5)IMAI, YUKIHO
6)FUJII, SHINOBU
7)TAKAMATSU, NAOFUMI

(57) Abstract :

The present inventors successfully produced monoclonal antibodies that are specific to only soluble A beta oligomers, but do not recognize soluble A beta monomers, which are physiological molecules. It was demonstrated that the antibodies are useful as diagnostic/therapeutic monoclonal antibodies for Alzheimer's disease.

No. of Pages : 345 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8227/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : MOSQUITO NET WITH DINOTEFURAN AND PBO FOR KILLING MOSQUITOES, ESPECIALLY MOSQUITOES WITH PYRETHROID RESISTANCE

(51) International classification	:A01N25/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/DK2009/050082
Filing Date	:14/04/2009
(87) International Publication No	:WO 2010/118743 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) VESTERGAARD FRANDSEN, MIKKEL
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3) GOUIN, SEBASTIEN
4) PADERSEN, MICHAEL STANLEY
5) JAMET, HELEN VICTORIA PATES
6) ZELL WEGER, MATTHIEU

(57) Abstract :

Dinotefuran and PBO is used for killing mosquitoes, as PBO increases the knockdown speed of Dinotefuran.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8228/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : LOW-DUST PULVERULENT BUILDING MATERIAL COMPOSITION

(51) International classification :C04B24/04

(31) Priority Document No :09157837.7

(32) Priority Date :14/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/054786
Filing Date :13/04/2010

(87) International Publication No :WO 2010/119017
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)STOHR, WERNER

2)HOTZL, KLAUS-DIETER

3)SEIDL, WOLFGANG

4)ZUERN, SIEGFRIED

5)WACHE, STEFFEN

(57) Abstract :

The invention relates to a pulverulent building material composition, preferably a factory dry mortar and in particular a tile adhesive, joint grout, knifing filler, sealing slurry, repair mortar, equalization mortar, basecoat adhesive, adhesive for composite thermal insulation systems (CTISs), mineral plaster or render, fine knifing filler or screed system, containing an ester of A) at least one compound selected from the group consisting of neopentyl glycol, 2-methyl-2-(hydroxymethyl)-1,3-propanediol and pentaerythritol with B) a carboxylic acid component.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8229/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : ANIONIC WETTING AGENTS FOR STABILIZING SELF-DEPOSITING COMPOSITIONS COMPRISING OXIDIC PIGMENTS

(51) International classification	:C09D5/08
(31) Priority Document No	:10 2009 003 082.4
(32) Priority Date	:13/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055661
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/130575
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)SCHMIDT-FREY-TAG, ULRIKE
2)HERRMANN, UTE

(57) Abstract :

The present invention relates to an acidic, aqueous, particulate composition comprising, in addition to iron(IIT) ions, fluoride ions and at least one water-insoluble, dispersed, organic binder, a water-insoluble, dispersed, oxidic pigment possessing high stability with respect to agglomeration, for the autophoretic deposition of organic-inorganic hybrid layers on metal surfaces, the composition further comprising at least one anionic wetting agent which has functional groups selected from suiphonates, phosphonates and/or carboxylates. The invention further encompasses the use of such a composition for the self-deposition of a film-forming organic-inorganic hybrid coating on metal surfaces selected at least in part from surfaces whose primary constituents are iron, zinc and/or aluminium.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8268/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : CARRIER SYSTEM FOR FRAGRANCES

(51) International classification	:B01J13/14
(31) Priority Document No	:09158186.8
(32) Priority Date	:17/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/054791
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/119020
	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 :

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(72)Name of Inventor :

1)LAUBENDER, MATTHIAS

2)BENLAHMAR, OUIDAD

3)ETTL, ROLAND

(57) Abstract :

The present invention relates to a carrier system for fragrances, to the production thereof and to the use of the carrier system in various fields of industry.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8269/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MULTI-ZONED CATALYST COMPOSITIONS

(51) International classification	:B01J35/04
(31) Priority Document No	:61/170,251
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031551
Filing Date	:19/04/2011
(87) International Publication No	:WO 2010/121236 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

Address of Applicant :100 CAMPUS DRIVE, FLORHAM PARK, NJ 07932 U.S.A.

(72)Name of Inventor :

1)CHEN, SHAU-LIN, F.

2)ANDERSON, DENNIS, R.

(57) Abstract :

Exhaust gas treatment substrates, and systems and methods including the same are provided. Catalyst substrates having flow properties where in configuring an outer, peripheral zone, more exhaust gas flows through a central zone as compared to the outer, peripheral zone. The outer, peripheral zone can have a trapping or adsorbing material on surfaces of its passages, or it can have a longer axial length as compared to the inner zone, or its passages can have smaller openings as compared to the inner zone. In one embodiment, an overcoat containing a trapping material such as a hydrocarbon trap is applied to an inlet end. In another embodiment, catalyst having an oxygen storage component is applied to an outlet end.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8270/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SUBSTITUTED 4-AMINO-5-BENZOYL-2-(PHENYLAMINO) THIOPHENE-3-CARBONITRILES AND SUBSTITUTED 4-AMINO-5-BENZOYL-2-(PHENYLAMINO) THIOPHENE-3-CARBOXAMIDES AS TUBULIN POLYMERIZATION INHIBITORS

(51) International classification	:C07D409/10
(31) Priority Document No	:61/169,785
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/023561
Filing Date	:09/02/2010
(87) International Publication No	:WO 2010/120400 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)TELIK, INC.

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(72)Name of Inventor :

1)BEROZA, PAUL P.

2)DAMODARAN, KOMATH, V.

3)LUI, STELLA

4)MA, WENLI

5)WANG, ZHUO

6)XU, HUA

(57) Abstract :

Substituted 4-amino-5-benzoyl- 2-(phenylamino)thiophene-3-carbonitriles and substituted 4-amino-5-benzoyl- 2-(phenylamino)thiophene-3-carboxamides and their salts ate tubulin polymerization inhibitors, useful in the treatment of cancer.

No. of Pages : 31 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8237/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DOVE TAIL DEVICE IN AN ANTENNA

(51) International classification	:H01P1/18
(31) Priority Document No	:10-2009-0041201
(32) Priority Date	:12/05/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/003010
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/131905 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)OH, GUN-SEOK
2)KIM, BYUNG-HO

(57) Abstract :

A dove tail device for adjusting tilting angle of an antenna by rotating an arm member using a motion member which moves linearly is disclosed. The dove tail device in an antenna includes a guide and a motion member configured to move on the guide. Here, the motion member is combined with a rotation arm of a phase shifter, the rotation arm rotates according as the motion member moves on the guide, and an arm member of the phase shifter rotates in response to rotation of the rotation arm.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8281/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : PORPHYRAZINE COLORING MATTER INK COMPOSITION CONTAINING THE SAME AND COLORED PRODUCT

(51) International classification	:C09B47/00
(31) Priority Document No	:2009-098623
(32) Priority Date	:15/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/002700
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/119676
	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)YONEDA, TAKASHI

2)OOSHIMA, KENJI

3)KAWAGUCHI, AKIRA

4)SHISHIKURA, YUKA

5)FUJITA, TOMOKI

(57) Abstract :

The present invention relates to a porphyrazine coloring matter or a salt thereof represented by the following formula (1) [wherein, the rings of A to D are each independently a benzene ring or a 6-membered nitrogen-containing heteroaromatic ring, E is alkylene, X is a sulfo-substituted anilino group or the like which may further have a substituent, R1 is a C1-C6 alkyl group, b is 0.00 or more and less than 3.90 as an average value, c is 0.10 or more and less than 4.00 as an average value, and the sum of b and c is 1.00 or more and less than 4.00 as an average value]. The ink composition containing the porphyrazine coloring matter of the present invention has a good hue as a cyan ink, is excellent in various fastness properties, particularly in ozone fastness, allows a high print density, has properties hardly causing bronze phenomenon, and can provide a porphyrazine coloring matter suitable for inkjet recording and an ink composition containing this.

No. of Pages : 116 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8282/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : INFORMATION PROCESSING DEVICE EXTERNAL DEVICE EXTENSION SYSTEM EXTERNAL DEVICE EXTENSION METHOD, EXTERNAL DEVICE EXTENSION PROGRAM, AND PROGRAM RECORDING MEDIUM

(51) International classification	:G06F21/20
(31) Priority Document No	:2009-117598
(32) Priority Date	:14/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058480
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/131771
	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)NEC CORPORATION
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TOKYO 108-8001 Japan
(72)**Name of Inventor :**
1)KATO, HIROMU

(57) Abstract :

By effectively using various functions of other terminals, the convenience of an information processing device is improved. An information processing device comprises short distance wireless communication means for transmitting and receiving short distance radio signal by a short distance wireless communication, storage means in which a plurality of setting functions are registered, and device control means for selecting a predetermined setting function from the storage means when the short distance wireless communication means receives a short distance radio signal, and sets a function relating to the selected setting function to a transmission source of the short distance radio signal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8283/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR HYDROGENOLYSIS OF SUGAR ALCOHOLS

(51) International classification	:C07C29/00	(71)Name of Applicant :
(31) Priority Document No	:PCT/IT2009/000166	1)CHEMTEX ITALIA S.P.A.
(32) Priority Date	:16/04/2009	Address of Applicant :STRADA RIBROCCA 11, I-15057,
(33) Name of priority country	:PCT	TORTONA-(ALESSANDRIA) Italy
(86) International Application No	:PCT/IB2010/050358	(72)Name of Inventor :
Filing Date	:27/01/2010	1)HRONEC, MILAN
(87) International Publication No	:WO 2010/119351	
	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 method for hydrogenolysis of sugar or sugar alcohols comprises the steps of: mixing in the absence of any phosphine a suspension of a supported osmium catalyst, water, a sugar or sugar alcohol, and a base; pressurizing the suspension with hydrogen to a range of 30 to 90 bar at room temperature; heating the suspension to a temperature in the range of 180°C to 250°C; and mixing the suspension for an amount of time ranging from 1 to 6 hours.

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8284/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : TUFTED BUFFING PAD

(51) International classification	:B24D13/14
(31) Priority Document No	:61/177,917
(32) Priority Date	:13/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034627
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/132621 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)KRAUSE, AARON C.

2)TITOV, ALEKSANDRS

(57) Abstract :

A buffing pad is comprised of a hub with a central opening for attaching the same to a power buffer. The pad includes a layer of tufted wool or other fibrous buffing medium spaced from but surrounding the hub and a block of material such as a cylindrical block of foam positioned between the fibrous buffing medium and the hub. The block of material includes an aperture therethrough that is in alignment with the central opening in the hub. The dimensions of the block of material are such as to prevent tufts of the fibrous buffing medium from entering the central opening of the hub and interfering with the ability of the buffing pad to be attached to the power buffer.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8271/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : DEVICES AND METHODS FOR ARCHED ROOF CUTTERS

(51) International classification :A61B17/32
(31) Priority Document No :61/170,507
(32) Priority Date :17/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/031448
Filing Date :16/04/2010
(87) International Publication No :WO 2010/121172 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)BATTEN, DAVID
2)TO, JOHN T.
3)NGUYEN, HIEP

(57) Abstract :

Disclosed herein are tissue-removal devices and methods for treating spinal diseases using such devices. The tissue-removal devices may comprise a cable and/or extendable elements with a retracted and a deployed configuration. The cable and/or extendable elements may be distally supported and restrained by a support element such that the support element may be pushed transversely away when the extendable element is distally extended into its deployed configuration. An annular cutting element may be provided about the distal end of the extendable element or the support element. Various configurations of the extendable and support elements are described herein, as well as methods of using tissue- removal devices with extendable and support elements coupled by an annular cutting element for treating spinal diseases.

No. of Pages : 174 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8272/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM AND PROCESS FOR STORING AN ADDITIVE AND INJECTING IT INTO THE EXHAUST GASES OF AN ENGINE

(51) International classification :F01N3/20
(31) Priority Document No :0952502
(32) Priority Date :16/04/2009
(33) Name of priority country :France
(86) International Application No :PCT/EP2010/055017
Filing Date :16/04/2010
(87) International Publication No :WO 2010/119116
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)LEONARD, STEPHANE
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3)GOURIET, JEAN-BAPTISTE
4)MADOUX, DOMINIQUE
5)MESJASZ, CLAUDE
6)MARECHAL, PHILIPPE
7)NAYDENOV, VOLODIA
8)LEMAIRE, JEAN-CHRISTOPHE

(57) Abstract :

System for storing an additive solution and injecting it into the exhaust gases of an internal combustion engine, said system comprising at least one tank for storing the additive, one pump equipped with an inlet and an outlet and that is capable of generating a direct flow (in injection mode) or a reverse flow (in drawing off mode), at least two additive solution suction points and an injector, characterized in that a first suction point is connected to the pump inlet and is only active when the pump operates in injection mode and in that the second suction point is connected to the pump outlet and is only active when the pump operates in drawing off mode. Associated process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8273/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A COMPOUND USEFUL AS AN INHIBITOR OF TAFIA

(51) International classification :C07D233/64
(31) Priority Document No :09290366.5
(32) Priority Date :15/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/056426
Filing Date :11/05/2010
(87) International Publication No :WO 2010/130718
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)ROSSEN, KAI

2)KRAFT, VOLKER

3)WEHLAN, HERMUT

4)BIGOT, ANTONY

5)CROCQ-STUERGA, VERONIQUE

(57) Abstract :

The present invention relates to a process for the preparation of a compound of the formula (I), which comprises reacting a compound of the formula (IV) with an oxalic acid diester and to novel intermediate compounds used therein.

No. of Pages : 55 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8274/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MENINGOCOCCAL AND PNEUMOCOCCAL CONJUGATE VACCINE AND METHOD OF USING SAME

(51) International classification :A61K39/09
(31) Priority Document No :12/425,232
(32) Priority Date :16/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/031083
Filing Date :14/04/2010
(87) International Publication No :WO 2010/120921 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)THE GOVERNMENT OF THE UNITED STATES AS REPRESENTED BY THE DEPARTMENT OF HEALTH AND HUMAN SERVICES
(72)Name of Inventor :
1)TAI, STANLEY SHIH-PENG
2)LEE, CHE-HUNG ROBERT

(57) Abstract :

This disclosure relates to vaccine formulations comprising an immunogenic composition for inducing antibodies to both S. pneumoniae and N. meningitides in a subject. In a preferred aspect, the immunogenic composition comprises covalently conjugated recombinant PsaA (rPsaA) from S. pneumoniae and capsular polysaccharide from N. meningitidis serogroup C. This disclosure further relates to methods for producing the immunogenic composition as well as methods for their use.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8275/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHODS FOR ASSESSING RESPONSIVENESS OF B-CELL LYMPHOMA TO TREATMENT WITH ANTI-CD40 ANTIBODIES

(51) International classification	:C12Q1/68
(31) Priority Document No	:61/170,615
(32) Priority Date	:18/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031528
Filing Date	:17/04/2010
(87) International Publication No	:WO 2010/121231 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)DORNAN, DAVID

2)BURINGTON, BART

(57) Abstract :

The invention provides methods and kits useful for predicting or assessing responsiveness of a patient having B-cell lymphoma to treatment with anti-CD40 antibodies.

No. of Pages : 156 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8278/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : BUFFER WITH ACTIVE OUTPUT IMPEDANCE MATCHING

(51) International classification	:H03F1/56
(31) Priority Document No	:61/180,422
(32) Priority Date	:21/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035862
Filing Date	:21/05/2010
(87) International Publication No	:WO 2010/135710 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)SHAHIN MEHDIZAD TALEIE

2)JAN PAUL VAN DER WAGT

(57) Abstract :

Techniques for designing a buffer capable of working with low supply voltages, and having active output impedance matching capability to optimize power delivery to a wide range of loads. In an exemplary embodiment, cascode transistors are provided in a buffer architecture employing common-source transistors having unequal width-to-length ratios (W/L) and a resistance having a corresponding fixed ratio to the load. At least one of the cascode transistors may be dynamically biased to minimize a difference between the drain voltages of the common-source transistors. In a further exemplary embodiment, the output impedance of the buffer may be actively tuned by selectively enabling a set of tuning transistors coupled in parallel with the load. Further techniques for providing a calibration mode and an operation mode are described.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8246/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SURFACE TREATMENT APPARATUS AND METHOD USING PLASMA

(51) International classification :C21D1/09
(31) Priority Document No :10-2009-0032128
(32) Priority Date :14/04/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/002245
Filing Date :12/04/2010
(87) International Publication No :WO 2010/120079 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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ANSAN-SI, GYEONGGI-DO, 425-836 Republic of Korea
(72)**Name of Inventor :**
1)PARK, SUN SOON
2)LIU, HYO YOL

(57) Abstract :

The present invention relates to an apparatus and a method for plasma surface treatment, more particularly, to an apparatus and a method for treating a surface of a conductive object with ions from plasma. According to the present invention, an apparatus for plasma surface treatment which treats a surface of a treatment portion of a conductive object using ions from plasma comprising: connecting means electrically connected to the treatment portion for applying negative voltage pulses to the treatment portion; a pulse voltage generating unit electrically connected to the connecting means; and magnetic cores disposed at the boundary of the treatment portion for preventing electric current caused by the negative voltage pulses applied to the treatment portion from flowing across the boundary of the treatment portion is provided. The apparatus and method for plasma surface treatment according to the present invention can confine the treatment portion by using negative high voltage pulses and magnetic cores. Also, the apparatus and method can apply negative high voltage pulse to the treatment portion of an electrically grounded object such as a metal sheet coil and a metal wire coil.

No. of Pages : 44 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8247/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : FAN BLADE

(51) International classification	:F04D29/38
(31) Priority Document No	:10 2009 022 181.6
(32) Priority Date	:20/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/003082
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/133354
	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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PINNEBERG DEUTSCHLAND Germany

(72)Name of Inventor :

1)WITT, HENRIK

(57) Abstract :

To improve upon a fan blade (6) with regard to the use of materials and the weight, in particular a fan blade for smoke venting fans, having fastening means (5) for fastening the fan blade (6) onto a fan hub as well as having a blade section (7), it is proposed that the blade section (7) shall have an outer jacket (8) enclosing a cavity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8293/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : DISPLAYING TRANSITION IMAGES DURING A SLIDE TRANSITION

(51) International classification :G06F3/14
(31) Priority Document No :12/466,125
(32) Priority Date :14/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/034404
Filing Date :11/05/2010
(87) International Publication No :WO 2010/132464 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)MALONEY, CHRISTOPHER MICHAEL
2)CHANG, DALY
3)HO, ESTHER
4)ZHAO, JASON
5)PEARSON, MARK

(57) Abstract :

One or more transition images are displayed during a transition period between a display of slides within a presentation. The displayed transition images include images of different slides that are contained within the presentation. The transition images provide the audience with a glimpse of slides that are displayed within the presentation. For example, the transition images may include images from previous and future slides that are contained within the presentation. The transition images may also be cached in order to more efficiently display the transition images during the transition period.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8294/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : ELECTRICAL CONNECTION SYSTEM BETWEEN AN ELECTRICAL POWER SUPPLY DEVICE AND AN IMPLANTED MEDICAL DEVICE

(51) International classification	:H01R13/58
(31) Priority Document No	:0952657
(32) Priority Date	:23/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/055425
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/122139
	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)LITZLER, PIERRE-YVES
2)SABIN, PIERRE

(57) Abstract :

The invention concerns an electrical connection system to electrically connect an internal electrical device (2) designed to be positioned inside an animal's body with an external electrical device (3) designed to be positioned outside the animal's body, said system having a cable (4) designed to be positioned at least partially inside the animal's body and enclosing at least one electrical wire, said cable (4) comprising at one of its ends a first connection means (5) to connect said at least one electrical wire with external electrical device (3), characterized in that cable (4) further has at its other end a second connection means (1) designed to be placed inside the animal's body, second connection means (1) having connectors to allow an electrical connection between said at least one electrical wire of cable (4) and internal electrical device (2), the second connection means (1) further having additional connectors to allow an electrical connection between at least one electrical wire external to said cable (4) and internal electrical device (2), the connectors of second connection means (1) permitting a removable connection of the electrical wires.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8295/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SUBCUTANEOUS DEVICE FOR ELECTRICAL PERCUTANEOUS CONNECTION

(51) International classification	:H01R13/52
(31) Priority Document No	:0952661
(32) Priority Date	:23/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/055430
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/122142
	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)SABIN, PIERRE

(57) Abstract :

The invention concerns an electrical connection system for a percutaneous electrical connection between an electrical device (2) inside an animal body and an electrical device (3) outside said body, comprising a subcutaneous device (10) designed to be connected to internal electrical device (2), said subcutaneous device (10) comprising: - an open housing (11) having at least one inner compartment (12), said compartment (12) being filled with a conductive material into which an electrical connection plug can be inserted, the conductive material of compartment (12) being further connected to connection means (5) designed to be connected to internal electrical device (2); - a sealing membrane (13) for sealing housing (11), said sealing membrane (13) being formed of an insulating and flexible material designed for insertion of electrical connection plugs from outside housing (11) through said sealing membrane (13) to the conductive material of compartment (12); characterized in that housing (11) comprises alignment means (14) to facilitate positioning and to guide the insertion of electrical connection plugs into the corresponding conductive materials.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8296/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : OVERMOLDED DIAPHRAGM PUMP

(51) International classification	:F04B43/02
(31) Priority Document No	:61/172,004
(32) Priority Date	:23/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031846
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/123965 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)COCHRAN, BRYAN C.
2)SVENKESON-KOUBAL, DAWN P.
3)JOHNSON, TODD L.

(57) Abstract :

The fluid section of an air operated double diaphragm pump 10 consists of two fluid housings 12, an inlet manifold 14, and an outlet manifold 16. The housings are to be made in two parts. The preferred frame 18 material is glass fiber reinforced with polypropylene that is overmolded into final shape with an encapsulating material 20. The frame 18 is designed so that the encapsulating material 20 can flow from one side to the other allowing for a mechanical lock between the top surface 22 and the bottom so as not to rely on chemical adhesion between the two materials.

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8297/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : INTERACTION MODEL TO MIGRATE STATES AND DATA

(51) International classification :G06F21/24
(31) Priority Document No :12/464,396
(32) Priority Date :12/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/033461
Filing Date :04/05/2010
(87) International Publication No :WO 2010/132228 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)NIKITIN, EGOR
2)VADLAMANI, VISWANATH
3)KOCHIS, ALEXANDER

(57) Abstract :

A party associated with a digital license is identified from a digital license bound to a user's user ID. This digital license identifies a set of rights for a software product. A determination is made as to when an additional sale associated with the software license is made, and an indication that the party is recognized in association with this sale is generated. Additionally, a license management service can determine, independent of whether the user is currently logged in to an online service with the user ID, when the digital license is to be renewed. The digital license is automatically renewed and automatically billed for (if authorized by the user), resulting in a new expiration date for the digital license. The digital license with the new expiration date is stored and subsequently sent to a device via which the user logs in to the online service with the user ID.

No. of Pages : 53 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.83/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : OCCLUSION RESISTANT AND/OR MULTILAYER TREATMENT PAD

(51) International classification	:A61F7/02
(31) Priority Document No	:09164533.3
(32) Priority Date	:03/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/059380
Filing Date	:01/07/2010
(87) International Publication No	:WO 2011/000920
	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)WAEGENER INTERNATIONAL AG
Address of Applicant :GRABENSTRASSE 25, CH-6340,
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(72)**Name of Inventor :**
1)DEWAEGENAERE, LEVI, EMMERIK, A.

(57) Abstract :

The invention provides for a therapeutic pad for thermal treatment of a human or animal body part. The pad comprises two outer layers forming a fluid communication channel therebetween, a fluid inlet port and a fluid outlet port adapted to connect the fluid communication channel with an external fluid reservoir, and a layer structure between the two outer layers.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8286/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : ENHANCED PRODUCT FUNCTIONALITY BASED ON USER IDENTIFICATION

(51) International classification :G06F21/24
(31) Priority Document No :12/464,300
(32) Priority Date :12/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/033035
Filing Date :29/04/2010
(87) International Publication No :WO 2010/132213 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)NIKITIN, EGOR
2)VADLAMANI, VISWANATH
3)KOCHIS, ALEXANDER

(57) Abstract :

A product key for a software product is obtained and an activation service is accessed by a device to activate the software product with the product key. A digital license associated with the software product is received from the activation service, and the digital license is bound to a set of user-identifying credentials of a user of the device. This application of the digital license can take various forms, such as enabling use of a software product altogether or enabling/disabling of a certain set of features. The digital license and an indication of an association of the digital license to the user ID is saved to a remote license management service, may be cached locally, and may expire and become unusable in the system. The license management service receives and saves this digital license, and can remove expired time-limited licenses.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8287/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : DATABASE APPLICATION NAVIGATION

(51) International classification :G06F17/00
(31) Priority Document No :12/468,067
(32) Priority Date :19/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/034617
Filing Date :12/05/2010
(87) International Publication No :WO 2010/135121 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)MICROSOFT CORPORATION

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2)SELCA, VITORE

3)MILLER, ANDREW ROBERT

4)LESSER, STEPHEN

5)COVINGTON, CLINTON DEE

6)MCMINN, RYAN

7)KARIMOV, PAVEL R.

8)TUPAJ, KONRAD

9)GREWAL, AMARINDER SINGH

10)COOPER, ROBERT SCOTT

(57) Abstract :

A database server application program is provided that is configured to provide a programmable interface into a database application by way of database services uniform resource locators (URLs). A database services URL utilized by the database application can be updated programmatically by program code executing within or under control of the database server application program, A macro action for use in conjunction with a database server application that provides functionality for displaying a database object, such as a form or report, in-place in a Web browser is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8322/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR PRODUCING AROMATIC AMINES

(51) International classification :C07C209/36

(31) Priority Document No :09160263.1

(32) Priority Date :14/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/056056

Filing Date :05/05/2010

(87) International Publication No :WO 2010/130604

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 SE

Address of Applicant :67056, LUDWIGSHAFEN Germany

(72)Name of Inventor :

1)KONIGSMANN, LUCIA

2)SCHWAB, EKKEHARD

3)HESSE, MICHAEL

4)SCHNEIDER, CHRISTIAN

5)HEIDEMANN, THOMAS

6)LIEKENS, CELINE

7)BICKELHAUPT, JUTTA

8)THEIS, DIRK

(57) Abstract :

The invention relates to a process for preparing aromatic amines by catalytically hydrogenating the corresponding aromatic nitro compound, which comprises using a copper catalyst with a support comprising SiO₂, the SiO₂ having been prepared by wet grinding and subsequent spray drying.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8323/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : POLYKETIDE COMPOUND

(51) International classification	:C12P17/16
(31) Priority Document No	:2009-117559
(32) Priority Date	:14/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058076
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/131691
	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)OHSUMI, KEISUKE

2)MASAKI, TERUHISA

(57) Abstract :

Provided is a compound which is useful as an agent for treating trichophytosis, protozoan infection and/or Pneumocystis pneumonia. [Means for Solution] Capnodiaceae strain No. 339855 was collected and a polyketide compound was isolated from the cultural solution thereof. It was confirmed that the polyketide compound or a salt thereof has a potent anti-Trichophyton activity and is useful as a pharmaceutical, particularly as an agent for treating trichophytosis, thereby completing the present invention. A cyclic compound of the present invention or a salt thereof may be used as agent for preventing or treating trichophytosis, protozoan infection and/or Pneumocystis pneumonia (formerly: carinii pneumonia).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8326/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : COPPER AND MANGANESE CONTAINING BASE METAL CATALYSTS FOR THE OXIDATION OF CARBON MONOXIDE AND VOLATILE ORGANIC COMPOUNDS

(51) International classification :B01J23/889
(31) Priority Document No :12/427,375
(32) Priority Date :21/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/031036
Filing Date :14/04/2010
(87) International Publication No :WO 2010/123731 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)CHEN, HAI-YING
2)REINING, ARTHUR J.
3)ANDERSEN, PAUL J.
4)AIELLO, RITA

(57) Abstract :

A method for oxidizing carbon monoxide (CO) and volatile organic compounds (VOCs) comprises contacting a gas containing water vapor and said CO and VOCs with a catalyst composition comprising at least one base metal promoter and at least one base metal catalyst supported on an oxide support material comprising one or more of alumina, silica, zirconia, ceria, and titania, wherein the VOCs comprise one or more of methyl acetate, methane, methyl bromide, benzene, methanol, methyl ethyl ketone, butane, and butene.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8279/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : STABLE FORMS OF N-(2,6-DIMETHYL-4-MORPHOLIN-4-YL-PHENYL)-3,3-DIMETHYL-BUTYRAMIDE

(51) International classification	:C07D295/135	(71)Name of Applicant :
(31) Priority Document No	:PA 2009 00597	1)H. LUNDBECK A/S
(32) Priority Date	:11/05/2009	Address of Applicant :9, OTTILIAVEJ, DK-2500 VALBY
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2010/050101	(72)Name of Inventor :
Filing Date	:11/05/2010	1)TREPPENDAHL, SVEND
(87) International Publication No	:WO 2010/130260 A3	2)LILTORP, KARIN
(61) Patent of Addition to Application	:NA	3)LOPEZ DE DIEGO, HEIDI
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Polymorphic forms of N-(2,6-dimethyl-4-morpholin-4-yl-phenyl)-3,3-dimethyl- butyramideare provided together with a process for the manufacture of said compound.

No. of Pages : 39 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8347/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CHROMEN - 2 - ONE DERIVATIVES AND THEIR USE AS MONOAMINE NEUROTRANSMITTER RE-UP TAKE INHIBITORS

(51) International classification	:C07D451/06
(31) Priority Document No	:PA 2009 00623
(32) Priority Date	:15/05/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/EP2010/056160
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/130620
	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)NEUROSEARCH A/S
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1)PETERS, DAN
2)NIELSEN, ELSEBET, OSTERGAARD
3)NIELSEN, KARIN, SANDAGAR
4)MUNRO, GORDON

(57) Abstract :

The present applications discloses novel 8-aza-bicyclo[3.2.1]oct-3-yloxy)-chromen-2-one derivatives and their use as monoamine neurotransmitter re-uptake inhibitors. In other aspects the applications discloses the use of these compounds in a method for therapy and to pharmaceutical compositions comprising the compounds of the invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8348/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CONVEYOR APPARATUS

(51) International classification	:B65G21/10
(31) Priority Document No	:12/465,834
(32) Priority Date	:14/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034836
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/132733 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)SCHAFFER, SCOTT D.

(57) Abstract :

A conveyor apparatus includes a tail portion connected to a head portion such that the head portion is moveable relative to the tail portion from a first position to a second position located lower than the first position. It should be appreciated that such movement of the head portion can permit the drop height of the conveyor apparatus to be adjusted. At least one frame portion is moveably positioned between the tail portion and the head portion. A stacker is also provided that includes the conveyor apparatus.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8349/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD OF AND APPARATUS FOR CONNECTING A PHOTOVOLTAIC DEVICE TO AN AC POWER GRID

(51) International classification	:H02J3/38
(31) Priority Document No	:09158156.1
(32) Priority Date	:17/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055042
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/119120
	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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1)FALK, ANDREAS

2)LASCHINSKI, JOACHIM

3)AREND

4)SIMON, PETER

5)REICHENBACHER, WOLFGANG

6)GREIZER, FRANK

(57) Abstract :

For connecting a photovoltaic device (2) to an AC power grid, wherein a DC voltage generated by the photovoltaic device (2) is measured, wherein upon the DC voltage reaching a minimum connection attempt voltage, an inverter (4), which converts the DC voltage into an AC output voltage, is activated, and wherein the AC output voltage is synchronized with an AC grid voltage of the AC power grid (3), the inverter (4) is connected to the AC power grid (3) when the synchronization has been achieved and the DC voltage still exceeds a minimum connection continuation voltage that is smaller than or as high as the minimum connection attempt voltage. When the DC voltage generated by the photovoltaic device (2) decreases, the inverter (4) is at first deactivated, and the deactivated inverter (4) is disconnected only from the AC power grid (3) again when the DC voltage with deactivated inverter (4) drops below a maximum shut-down voltage that is higher than or at least as high as the peak value of the AC grid voltage and smaller than or at least as high as the minimum connection continuation voltage.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8351/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : NOVEL THYROID HORMONE B RECEPTOR AGONIST

(51) International classification	:C07D213/65
(31) Priority Document No	:2009-102259
(32) Priority Date	:20/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056936
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/122980
	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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(72)Name of Inventor :
1)KAWATA, SHINJI
2)MATSUMOTO, KOJI
3)NIIJIMA, MAKI
4)TAKAHASHI, TAICHI

(57) Abstract :

Provided is a heterocyclic derivative showing a thyroid hormone (3 receptor agonist action, which is effective for the prophylaxis or treatment of the diseases relating to the action. A compound represented by the formula [I] : wherein each symbol is as defined in the specification, a pharmacologically acceptable salt thereof, and a medicament containing the compound as an active ingredient.

No. of Pages : 260 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8352/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PATIENT-MOUNTED RETRACTION

(51) International classification	:A61B17/34
(31) Priority Document No	:61/179,924
(32) Priority Date	:20/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035582
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/135537 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)SOLITARIO, RALPH, C.

2)BANKOSKI, BRIAN

3)ROSSNEY, MARK

4)FIGUERO, SANTIAGO

5)BOHINSKI, ROBERT

(57) Abstract :

Patient-mounted retractors with varying configurations and/or features are provided, along with additional components for use therewith in provided patient-mounted retractor assemblies. Blade type and tube type patient-mounted retractors that may be re-positioned during the course of a procedure are provided in varying configurations and/or geometries suitable for varying procedures and/or patient anatomies. Applications of re-positionable patient-mounted retractor assemblies are particularly suitable for use in minimally invasive procedures, eliminating the need for table-mounted retraction assemblies and/or cannulas that restrict the operating environment.

No. of Pages : 49 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8353/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHODS OF TREATMENT FOR SOLID TUMORS

(51) International classification :A61K31/519

(31) Priority Document No :61/171,047

(32) Priority Date :20/04/2009

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

(86) International Application No :PCT/US2010/031794

Filing Date :20/04/2010

(87) International Publication No :WO 2010/123931 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)PURI, KAMAL D.

2)EVARTS, JERRY B.

3)LANNUTTI, BRIAN

4)GIESE, NEILL A.

(57) Abstract :

The invention provides methods that relate to a novel therapeutic strategy for the treatment of hematological malignancies and inflammatory diseases. In particular, the method comprises administration of a compound of formula I, or a pharmaceutically acceptable salt thereof, or a pharmaceutical composition comprising such compound admixed with at least one pharmaceutically acceptable excipient.

No. of Pages : 51 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8356/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : ITEM OF FURNITURE

(51) International classification	:A47B51/00
(31) Priority Document No	:20 2009 004 806.3
(32) Priority Date	:12/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055575
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/130570
	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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32278, KIRCHLENGERN Germany
(72)**Name of Inventor :**
1)MUTERTHIES, RALF
2)SCHUBERT, MICHAEL

(57) Abstract :

The invention relates to an item of furniture, in particular for kitchens, comprising a body (1,1') which has two opposite lateral wall (2) in which respectively at least one guide profile (3) is integrated, said guide profile having a groove (4) , which is open towards the inner area of the body. A slide (5) , which supports a storage element (6,6') in a displaceable manner in the furniture body (1,1'), is guided in each groove (4).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8357/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR PROVIDING AT LEAST ONE WORK ROLL FOR ROLLING ROLLING STOCK

(51) International classification :B21B13/14
(31) Priority Document No :10 2009 017 536.9
(32) Priority Date :17/04/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/002302
Filing Date :15/04/2010
(87) International Publication No :WO 2010/118862
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)WACHSMANN, RALF

(57) Abstract :

The invention relates to a method for providing at least one work roll (1,2) for rolling strip-shaped rolling stock (3), wherein the work roll (1, 2) is provided to interact with a second roll (4, 5), particularly with an intermediate or backup roller and be supported by said second roll, wherein the second roll (4, 5) has a background area (6) in the axial end regions thereof. In order to improve the quality of a rolled strip, the method according to the invention provides the following steps: a) calculating the roll nip profile resulting between two interacting work rolls (1,2), wherein a defined width of the rolling stock (3) is assumed, which extends at least partially into the region of the background area (6) of the second roll (4, 5); b) defining a desired rolling stock contour that is to be created by the rolling process when passing the work rolls (1,2); c) calculating a compensation cut for the work roll (1, 2) by subtracting the defined rolling stock contour according to step b) from the roll nip profile according to step a) and multiplying the calculated difference with a damping factor (K); d) at least partially applying the compensation cut calculated according to step c) to at least one work roll (1, 2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8358/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DEVICE FOR CONNECTING UNDERBODIES ASSEMBLY KIT AND METHOD FOR HYBRIDISATION OF UNDERBODIES

(51) International classification	:B62D25/20
(31) Priority Document No	:0953231
(32) Priority Date	:15/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050713
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/130905
	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)TALLET, FREDERIC
2)BLAISE, VINCENT

(57) Abstract :

The present invention relates to a device for connecting (1) a rear underbody with a front underbody (11) for an automobile, including a body enclosure (2) comprising a first connection area (3) and a second connection area (4) which, when the connection device (1) and the front and rear underbodies (11) are assembled on a vehicle, are intended for being positioned respectively in contact with the front underbody (11) and the rear underbody, respectively with a shape that matches the shape of at least one portion of the peripheral contour of the front underbody (11) and a shape that matches at least one portion of the peripheral contour of the rear underbody. The present invention also relates to a body kit (9) including the connection device (1) and an assembly method using said body kit (9).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8359/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : HIGH THROUGHPUT FINISHING OF METAL COMPONENT

(51) International classification :B24B31/00
(31) Priority Document No :61/215,981
(32) Priority Date :12/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/034309
Filing Date :11/05/2010
(87) International Publication No :WO 2010/132396 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)EL-SAEED, OMER
3)REEVES, FRANK

(57) Abstract :

A method for finishing a surface of a metal component is carried out in a receptacle containing a quantity of non-abrasive media. The component is at least partially immersed in the media and a quantity of active finishing chemistry is supplied. The chemistry forms a relatively soft conversion coating on the surface. By inducing high energy relative movement between the surface and the media the coating can be continuously removed. The method may be carried out in a drag finishing machine.

No. of Pages : 28 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8266/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : PROCESS FOR PRODUCING PROPYLENE OXIDE

(51) International classification :C07D301/12
(31) Priority Document No :61/177,415
(32) Priority Date :12/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/056097
Filing Date :05/05/2010
(87) International Publication No :WO 2010/130610
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)KAMPE, PHILIP

2)RESCH, PETER

3)CHIN, SOO, YIN

4)BASSLER, PETER

5)MULLER, ULRICH

6)SCHINDLER, GOETZ-PETER

7)GOBBEL, HANS-GEORG

8)TELES, JOAQUIM HENRIQUE

9)GUMLICH, KAI

10)GRASSLER, THOMAS

11)BARTOSCH, CHRISTIAN

12)JACUBINAS, RICHARD

13)WEIDENBACH, MEINOLF

(57) Abstract :

A process for producing propylene oxide comprising reacting propene with hydrogen peroxide in the presence of a catalyst to give a mixture (G1) comprising propylene oxide, unreacted propene, and oxygen; separating propylene oxide from mixture (G1) to give a mixture (Gil) comprising propene and oxygen; and adding hydrogen to mixture (Gil) and reducing the oxygen comprised in mixture (Gil) at least partially by reaction with hydrogen in the presence of a catalyst comprising copper in elemental and/or oxo-dic form on a support, wherein copper is present on the support in an amount of 30 to 80 wt.-% based on the whole catalyst and calculated as CuO.

No. of Pages : 63 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8344/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A COOKING OIL COMPOSITION

(51) International classification	:A23D9/013
(31) Priority Document No	:09005585.6
(32) Priority Date	:21/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/002394
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/121773
	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)DE PAEPE, JEROEN

2)HEIRMAN, MARC

(57) Abstract :

A cooking composition comprising a non-hydrogenated vegetable oil, lecithin, monoglycerides, and optionally citric acid esters. The cooking composition is a homogenous, transparent liquid at ambient temperatures and is an effective anti-spattering composition for use in preparing food.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8345/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PULL DOWN BED WITH AUTOMATIC LOCKING DEVICE

(51) International classification	:A47C17/52
(31) Priority Document No	:MI2009A000656
(32) Priority Date	:21/04/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/002422
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/121788
	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)CLEI S.R.L.

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(72)Name of Inventor :

1)COLOMBO, LUIGI

(57) Abstract :

A pull down bed with automatic locking device has a movable framework, which constitutes a mattress frame, and is hinged to a container body, which constitutes a piece of furniture, so as to define a closed position, in which the mattress frame is substantially inside the piece of furniture, and an open position, for use as a bed, in which the mattress frame is in a horizontal position and rests on the ground by means of two feet. The mattress frame is hinged to the piece of furniture at one end and has its feet at the opposite end. The pull down bed includes a device for locking the mattress frame in the closed or horizontal position, which is actuated by an actuation device, which includes the feet.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8382/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : HEATING APPLIANCE FOR RAILWAY VEHICLES

(51) International classification	:B61D27/00
(31) Priority Document No	:10 2009 022 091.7
(32) Priority Date	:20/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002888
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/133308
	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)ANDEREGG, KURT

(57) Abstract :

A heating appliance (10) for railway vehicles has at least one heating unit (25), forming a load-bearing sandwich structure (12) together with edge profiles (13 to 16) and a core layer (36). According to the invention, a plurality of heating units (25) and sandwich structures (12) are provided, each forming modular construction units (11), and the construction units (11) can be positioned and fixed relative to one another in the railway vehicle by means of connecting elements (40).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8383/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : HOLLOW SEAMLESS PIPE FOR HIGH STRENGTH SPRINGS

(51) International classification	:C22C38/00	(71)Name of Applicant :
(31) Priority Document No	:2009-119030	1)KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)
(32) Priority Date	:15/05/2009	Address of Applicant :10-26, WAKINOHAMA-CHO 2-CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-8585 Japan
(33) Name of priority country	:Japan	2)SHINKO METAL PRODUCTS CO., LTD
(86) International Application No	:PCT/JP2010-058233	3)NHK SPRING CO., LTD
Filing Date	:14/05/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2010/131754 A1	1)HATANO, HITOSHI
(61) Patent of Addition to Application Number	:NA	2)TOYOTAKE, KOTARO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a hollow seamless pipe for high-strength springs, in which the occurrence of decarburization in an inner peripheral surface and outer peripheral surface is reduced as much as possible, surface layer parts can be sufficiently hardened in the outer peripheral surface and the inner peripheral surface in a quenching step at the time of spring production, and sufficient fatigue strength can be secured in springs to be formed. The present invention relates to a hollow seamless pipe for a high-strength spring, which is composed of a steel material comprising 0.2 to 0.7 mass% of C, 0.5 to 3 mass% of Si, 0.1 to 2 mass% of Mn, more than 0 mass% and 0.1 mass% or less of Al, more than 0 mass% and 0.02 mass% or less of P, more than 0 mass% and 0.02 mass% or less of S, and more than 0 mass% and 0.02 mass% or less of N, wherein the C content in an inner peripheral surface and outer peripheral surface of the hollow seamless pipe is 0.10 mass% or more, and a thickness of a whole decarburized layer in each of the inner peripheral surface and the outer peripheral surface is 200 µm or less.

No. of Pages : 32 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8327/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : INTERFEROMETRIC SEISMIC DATA PROCESSING

(51) International classification :G01V1/28
(31) Priority Document No :12/425,888
(32) Priority Date :17/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/027090
Filing Date :12/03/2010
(87) International Publication No :WO 2010/120418 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)ROBERTSSON, JOHAN
2)RICKETT, JAMES

(57) Abstract :

Implementations of various technologies for a method for generating a seismic image of a subsurface are described herein. Seismic data may be received from two sensors in a seismic survey. The seismic data below and equal to a predetermined frequency may be classified as low-frequency seismic data. The low-frequency seismic data may be re-sampled based on the predetermined frequency. A set of low-frequency Green's functions may be calculated using interferometry on the re-sampled low-frequency seismic data. High-frequency seismic data of the seismic data may be processed to create a set of high-frequency Green's functions at one or more source locations of the seismic survey. The set of high-frequency Green's functions may be merged with the set of low-frequency Green's functions to create a set of broad-band Green's functions. The seismic image may be generated using the set of broad-band Green's functions at the source locations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8328/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DISPLAY DEVICE

(51) International classification	:G09G3/30
(31) Priority Document No	:2009-163246
(32) Priority Date	:10/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057556
Filing Date	:28/04/2010
(87) International Publication No	:WO 2011/004646
	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)SENDA, TAKAHIRO

(57) Abstract :

TFTs 10 and 15 and the organic EL device 17 are provided between a power line Vp and a common cathode Vcom, and a capacitor 16 and a TFT 11 are provided between a gate of the TFT 10 and a data line Sj . A TFT 12 is provided between the gate and a drain of the TFT 10, a TFT 13 is provided between an anode terminal of the organic EL device 17 and the common cathode Vcom, and a TFT 14 is provided between one electrode of the capacitor 16 and the power line Vp. Gates of the TFTs 11 to 13 are connected to a scanning line Gi, and gates of the TFTs 14 and 15 are connected to a scanning line Ei . When writing, a high potential is supplied to the scanning line Gi, and a low potential is supplied to the scanning line Ei a little after this. While the high potentials are supplied to the two scanning lines, the data line Sj is controlled to be in a high impedance state. In this manner, a pixel circuit configured by N-type transistors is driven using two types of scanning lines.

No. of Pages : 42 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8329/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : TUBE FOR MEASURING BIO RELATED SUBSTANCE AND QUANTIFYING

(51) International classification :G01N33/543
(31) Priority Document No :2009-102379
(32) Priority Date :20/04/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/056971
Filing Date :20/04/2010
(87) International Publication No :WO 2010/122990
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)TAJIMA, HIDEJI

(57) Abstract :

A bio-related substance assay tube 2 comprises a target substance capture bead 3 serving as a first microparticle, compensation bead 4 serving as a second microparticle on which a given amount of a bio-related substance has been immobilized, and a negative control bead 5 serving as a third microparticle for use as a negative control. A mount unit 12 comprises a nozzle communicating with a pump, and the bio-related substance assay tube 2 is mounted in the mount unit 12 to ensure communication with this nozzle. An analyte is introduced into the bio-related substance assay tube 2, followed by labeling the bio-related substance bound to each microparticle to cause light emission. Based on light emission from each microparticle, a calibration curve is prepared or the emission intensity of the first microparticle is compensated to quantify the bio-related substance.

No. of Pages : 62 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8379/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : 2,5 DISUBSTITUTED ARYLSULFONAMIDE CCR3 ANTAGONISTS

(51) International classification :C07D211/96
(31) Priority Document No :61/171,775
(32) Priority Date :22/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/031828
Filing Date :21/04/2010
(87) International Publication No :WO 2010/123956 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)LY, TAI, WEI
2)TRAN, MARIE CHANTAL, SIU-YING
3)BAAUM, ERIK, DEAN

(57) Abstract :

Provided herein are 2,5-disubstituted arylsulfonamides that are useful for modulating CCR3 activity, and pharmaceutical compositions thereof. Also provided herein are methods of their use for treating, preventing, or ameliorating one or more symptoms of a CCR3 - mediated disorder, disease, or condition.

No. of Pages : 140 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8360/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : TRIPOD TYPE CONSTANT VELOCITY UNIVERSAL JOINT AND METHOD FOR PRODUCING THE SAME

(51) International classification	:F16D3/205
(31) Priority Document No	:2009-102144
(32) Priority Date	:20/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056070
Filing Date	:02/04/2010
(87) International Publication No	:WO 2010/122893
	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)MURAKAMI, HIROSHI
4)SERA, AKIRA
5)MIAO, JIAHUA
6)MAKINO, SHUNSUKE

(57) Abstract :

Provided is a manufacturing method for a tripod type constant velocity universal joint including: an outer joint member having, an inner peripheral surface provided with: three track grooves extending in an axial direction; and roller-guide surfaces extending in the axial direction on both sides of each of the three track grooves; a tripod member including three journals each projected into a radial direction; and a roller unit supported rotatably around each of the three journals of the tripod member and inserted rollably in each of the three track grooves of the outer joint member, the manufacturing method including, when forging a raw-shaped material corresponding to each of the three journals into a journal shape with use of a molding surface of a die, under a state in which a relief portion is provided on a raw-shaped-material-leading-end-side of the die, molding an outer peripheral surface of the raw-shaped material into a projected round shape with use of a tapered surface formed on the molding surface with which the outer peripheral surface of the raw-shaped material is held in contact and a recessed round surface formed between the molding surface and the tapered surface.

No. of Pages : 57 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8361/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : IMAGING APPARATUS AND IMAGING SYSTEM METHOD THEREOF AND PROGRAM FOR THE SAME

(51) International classification	:G01T1/20	(71)Name of Applicant :
(31) Priority Document No	:2009-102039	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:20/04/2009	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO 146-8501 Japan
(86) International Application No	:PCT/JP2010/056126	(72)Name of Inventor :
Filing Date	:30/03/2010	1)SATO, SHO
(87) International Publication No	:WO 2010/122894	2)ENDO, TADAO
	A2	3)KAMESHIMA, TOSHIO
(61) Patent of Addition to Application	:NA	4)AKIYAMA, MASAYOSHI
Number	:NA	5)YAGI, TOMOYUKI
Filing Date	:NA	6)TAKENAKA, KATSURO
(62) Divisional to Application Number	:NA	7)YOKOYAMA, KEIGO
Filing Date	:NA	

(57) Abstract :

An imaging operation includes a first imaging operation for outputting image data according to irradiation to the detector with radiation or light in an irradiation field A corresponding to a part of the plurality of pixels, and a second imaging operation for outputting image data according to irradiation to the detector 104 with radiation or light in an irradiation field B wider than the irradiation field A, wherein, responsive to a changing from irradiation in the irradiation field A to irradiation in the irradiation field B, an operation of the detector is controlled so that the detector performs an initializing operation for initializing conversion elements during a period between the first and second imaging operations.

No. of Pages : 56 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8362/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CONNECTOR

(51) International classification	:H01R13/68
(31) Priority Document No	:2010-092171
(32) Priority Date	:13/04/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/059097
Filing Date	:12/04/2011
(87) International Publication No	:WO 2011/129336
	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)AOKI, EIJI

2)NOJIMA, MOTOO

3)MIZUNO, TARO

(57) Abstract :

It is an object to provide a connector to which a fuse can be detachably attached and that can reduce components or improve reliability and improve a shield performance. The connector includes first and second bus bars 11 and 21, a fuse 31 that electrically conducts and connects the first and second bus bars 11 and 21 to each other so as to be fused and a housing 41 that accommodates the first and second bus bars 11 and 21 and the fuse 31. The first and second bus bars 21 include tabs 12 and 22 for a device inserted into the device 3 and connected to a circuit in the device 3. The housing 41 has a hood part 43 that covers the peripheries of the tabs 12 and 22 for the device and is fitted to a connector attaching hole 6 of the device 3 and the fuse 31 is attached to an accommodating space 45 in the hood part 43.

No. of Pages : 33 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8423/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CRYOGENICALLY COOLED SUPERCONDUCTOR RF HEAD COIL ARRAY AND HEAD-ONLY MRI SYSTEM USING SAME

(51) International classification	:G01R33/3415
(31) Priority Document No	:61/171,074
(32) Priority Date	:20/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031805
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/123939 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)GAO, ERZHEN

2)MA, QIYUAN

(57) Abstract :

A cryogenically - cooled superconducting RF head-coil array which may be used in whole- body MRI scanners and /or in dedicated, head only MRI systems.A superconducting main magnet system for a head dedicated MRI system is also provided and a head only MRI system may comprise such a superconducting main magnet and a cryogenically cooled super conducting RF head coil array.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8425/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : TRAVERSING DEVICE

(51) International classification	:B65H54/28
(31) Priority Document No	:10 2009 022 061.5
(32) Priority Date	:20/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055964
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/133443
	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)HERZBERG, MARCUS
2)SINGH, SUPRIT PAL

(57) Abstract :

The invention relates to a traversing device for traversing a thread. The traversing device is driven by an electric drive. In order to achieve higher acceleration during the reversal, a stator or a rotor of the electric drive has regions in which the electromagnetic coils or permanent magnets are designed to be stronger. In this case, these regions are arranged such that they cooperate during the reversal of the traversing thread guide. The electric drive consequently acquires a torque or force which is variable over the rotary angle or stroke, the torque maxima or force maxima coinciding with the reversal, points of the traversing thread guide.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8427/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A METHOD FOR KEEPING AN IMMUNOGENIC COMPOSITION AVAILABLE FOR ADMINISTRATION TO AN ANIMAL

(51) International classification	:A61K39/00
(31) Priority Document No	:09160451.2
(32) Priority Date	:18/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056815
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/133592
	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)VISSER, NICOLASS
2)JANSEN, THEODORUS

(57) Abstract :

The present invention pertains to a method for keeping an immunogenic composition available for administration to an animal, wherein said composition comprises an antigen and an emulsion which is a single emulsion at a first temperature below a body temperature of the animal and which emulsion reverses at a second temperature between the first temperature and the body temperature, said method comprising providing the composition, freezing the composition, and storing the frozen composition until it is needed for administration to the animal. The invention also pertains to a method for testing an immunogenic composition, and an immunogenic composition, optionally in combination with specific instructions for storing the composition.

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8428/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : MOBILE TERMINAL DEVICE, METHOD OF CONTROLLING MOBILE TERMINAL DEVICE, AND STORAGE MEDIUM

(51) International classification	:G06F3/041
(31) Priority Document No	:2009-119959
(32) Priority Date	:18/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/002991
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/134269
	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 :**
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(72)**Name of Inventor :**
1)BABA, OSAMU

(57) Abstract :

A mobile terminal device includes: a touch panel in which one of a plurality of segment areas is adjacent to the other segment areas different in at least three directions; a pattern storing unit that associates and stores any of functions of the mobile terminal device with a registered pattern formed of the plurality of adjacent segment areas of the segment areas of the touch panel; a pattern recognizing unit that recognizes the plurality of segment areas continuously touched by a user, as an input pattern; and a function activating unit that compares the input pattern recognized by the pattern recognizing unit with the registered pattern stored in the pattern storing unit, and activates the function corresponding to the registered pattern when the input pattern matches the registered pattern.

No. of Pages : 47 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8429/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMPACT APPLIANCE FOR MAKING FLAT EDIBLES

(51) International classification	:A21C3/02
(31) Priority Document No	:200902588-3
(32) Priority Date	:17/04/2009
(33) Name of priority country	:Singapore
(86) International Application No	:PCT/SG2010/000150
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/120248 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)ISRANI, NAGARKAR PRANOTI

(57) Abstract :

A compact apparatus for automatically making a plurality of flat edibles includes a storage and dispensing unit that makes it unnecessary for a user to pre- measure ingredients. The apparatus also includes a mixing and kneading unit for making dough of optimal consistency. The mixing and kneading unit may be configured to prepare dough. The dough may be prepared by mixing and kneading the ingredients dispensed by the dispensers. The dough prepared may be transferred onto a lower platen from a transfer base by a transfer sweeper. The dough may be transferred in a platen unit. An upper platen and the lower platen of the platen unit may be heated to a pre-programmed temperature for cooking the flat edible. The temperature may also be manually set by the user based on user's preference. The flat may be cooked (e.g., heated, roasted and/or puffed) by the platen unit.

No. of Pages : 61 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8432/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SCRUBBER TOWER AND ASSOCIATED FLUE GAS PURIFICATION DEVICE

(51) International classification	:B01D53/50
(31) Priority Document No	:09 007 435.5
(32) Priority Date	:05/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/001767
Filing Date	:20/03/2010
(87) International Publication No	:WO 2010/139377
	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)PELKMAN, AAT

(57) Abstract :

The invention relates to a scrubber tower of a flue gas purification device as well as a flue gas purification device including a corresponding scrubber tower.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8433/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CRYOGENICALLY COOLED SUPERCONDUCTOR GRADIENT COIL MODULE FOR MAGNETIC RESONANCE IMAGING

(51) International classification	:G01R33/385
(31) Priority Document No	:61/170,135
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031611
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/121253 A1
(61) Patent of Addition to Application Number	:NA
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(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

1)GAO, ERZHEN

2)MA, QIYUAN

(57) Abstract :

Methods and/or apparatuses for magnetic resonance imaging (MR1) and/or magnetic resonance spectroscopy comprising a superconducting gradient coil module configured for cryogenic cooling. Such a superconducting gradient coil module may comprise a vacuum thermal isolation housing comprising a double wall hermetically sealed jacket that (i) encloses a hermetically sealed interior space having a first vacuum pressure, and (ii) substantially encloses a vacuum space having a second vacuum pressure; at least one superconductor gradient coil disposed in the vacuum space; a thermal sink member disposed in the vacuum space and in thermal contact with the at least one superconductor gradient coil; and a port configured for cryogenically cooling at least the thermal sink member.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8435/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : ACTIVATION OF AN OPERATING UNIT

(51) International classification	:B66B1/46
(31) Priority Document No	:09160812.5
(32) Priority Date	:20/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056962
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/133665
	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)INVENTIO AG

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(72)Name of Inventor :

1)DEMMA, BENIAMINO

(57) Abstract :

The invention relates to a device and a method for activating at least one operating unit (1) of a lift system, said operating unit or units (1) having at least one switching element (2), a control unit (4) and a switch element (3). The operating unit or units (1) is or are connected to a controller (SE) via a communication network (KN) and said unit or units (1) is or are located on a floor (SW). According to the invention, the operating unit or units (1) has or have a circuit (5) for bypassing the switch element (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8436/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : EXERCISE MACHINE WITH STATIONARY BICYCLE AND INFLATABLE SEAT

(51) International classification :A63B22/06
(31) Priority Document No :61/216,599
(32) Priority Date :18/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/000797
Filing Date :17/03/2010
(87) International Publication No :WO 2010/134944 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)HUBER, AARON, D.
2)HUBER, RICHARD, A.

(57) Abstract :

An exercise machine includes a frame with foot pedals mounted thereon and a seat having an inflatable bladder whereby the user may undertake a cardiovascular workout and a core workout of abdominal and back muscles. A sensor may be used to sense the degree of-compression of the inflatable bladder when a person sits on the inflatable seat whereby the internal pressure of the bladder may be adjusted accordingly. The frame may have two sections which are detachable so that one of the sections and the inflatable seat serve as a seating assembly when detached.

No. of Pages : 56 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8439/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CUTTING TOOL AND CUTTING INSERT FOR THE SAME

(51) International classification :B23B27/16
(31) Priority Document No :10-2009-0039681
(32) Priority Date :07/05/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2009/003106
Filing Date :10/06/2009
(87) International Publication No :WO 2010/128706 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)CHOI, CHANG HEE

2)PARK, CHANG GYU

(57) Abstract :

The present invention relates to a cutting tool and a cutting insert used for the cutting tool. The cutting tool includes one or more cutting portions. Each of said cutting portions comprises a cutting insert and an insert pocket for mounting the cutting insert. The insert pocket comprises a top surface with one or more projecting portions with a shape of serration, and a bottom supporting surface. The cutting insert comprises a top surface mating with said projecting portions of the insert pocket, and a bottom surface mating with the bottom supporting surface of the insert pocket. The top surface of the cutting insert comprises one or more outwardly sloped surfaces mating with the projecting portions of the insert pocket, and one or more inwardly sloped surfaces positioned off the projecting portions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8440/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : RELEASE ON DEMAND CORROSION INHIBITOR COMPOSITION

(51) International classification :C09D5/08
(31) Priority Document No :12/467,537
(32) Priority Date :18/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/035087
Filing Date :17/05/2010
(87) International Publication No :WO 2010/135229 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)MCGEE, JOHN, D.
2)SMITH II, THOMAS S.
3)BAMMEL, BRIAN, D.
4)BRYDEN, TODD, R.

(57) Abstract :

Disclosed is a release on demand type corrosion inhibitor composition for a metal substrate formed from only non-electrically conductive film forming copolymer(s); a nitrogen containing functional group X, where the group X comprises a pyridine, a dihydropyridine, a pyrrole, an imidazole, or a mixtures thereof; and a metallate anion. The metallate anion binds to a nitrogen in the functional group X by ion pairing. A localized rise in pH is believed to cause release of the anion via a protonation/deprotonation reaction and the released anion suppresses the corrosion formation. The coating composition includes no electrically conductive polymers.

No. of Pages : 50 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8446/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : INFORMATION PROVISION SYSTEM, INFORMATION PROVISION METHOD, PROGRAM AND SERVER DEVICE

(51) International classification	:A61B5/00
(31) Priority Document No	:2009-101291
(32) Priority Date	:17/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056471
Filing Date	:09/04/2010
(87) International Publication No	:WO 2010/119824
	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)SHIONOYA, GO

3)KUSAKA, YASUhide

4)MURASE, YOSUKE

(57) Abstract :

When continuous user biometric information is transmitted to a server device continuously from a handheld device used by a user, the server device can be caused to receive a required measurement value efficiently at a required time, select information desired by the user on the basis of the measurement value and user peripheral information, and provide the user with the information reliably, without imposing excessive communication charges and the like. A server device 140 is used together with a handheld device 110 that transmits the user peripheral information to the server device and receives the information transmitted from the server device. After determining that a fluctuation has occurred in the user peripheral information transmitted from the handheld device 110, the server device 140 performs either processing for calculating a predicted value of future user biometric information or processing for receiving the predicted value of the future user biometric information, selects information on the basis of the predicted value and the user peripheral information, and transmits the selected information to the handheld device 110.

No. of Pages : 74 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8447/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CANTILEVER FOR SUPPORTING LIVE CABLES OF RAILWAY, TROLLEY AND SUBWAY LINES

(51) International classification	:B60M1/20
(31) Priority Document No	:BS2009A000092
(32) Priority Date	:25/05/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/052296
Filing Date	:25/05/2010
(87) International Publication No	:WO 2010/136955
	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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3)BONCIANI S.P.A. UNIPERSONALE
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1)PASTA, MARIO
2)PORRECA, MATTEO

(57) Abstract :

A cross arm for supporting live railway, trolley and subway lines comprising a cross-member (8) fitted with means of connection to an associable support structure (16), at least a first electric insulator (20) joined to the cross-member (8) and able to support a first live electric cable, electrically insulating it from said cross-member (8). Advantageously, the cross-member (8) comprises a body (24) having a mainly longitudinal (X-X) extension and at least a first attachment portion (28) fitted with a 'U' shaped profile able to form a shaped coupling with said first electric insulator (20). The first attachment portion (28) defines a first seat (32) for the continuous adjustment of the longitudinal position of the electric insulator (20) along the cross-member itself.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8449/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : MERGING SEARCH RESULTS

(51) International classification	:G06F17/30
(31) Priority Document No	:12/473,158
(32) Priority Date	:27/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036487
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/138772 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)RADLINSKI, FILIIP
3)SHOKOUHI, MILAD

(57) Abstract :

Merging search results is required, for example, where an information retrieval system issues a query to multiple sources and obtains multiple results lists. In an embodiment a search engine at an Enterprise domain sends a query to the Enterprise search engine and also to a public Internet search engine. In embodiments, results lists obtained from different sources are merged using a merging model which is learnt using a machine learning process and updates when click-through data is observed for example. In examples, user information available in the Enterprise domain is used to influence the merging process to improve the relevance of results. In some examples, the user information is used for query modification. In an embodiment a user is able to impersonate a user of a specified group in order to promote particular results.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8470/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : HEPATITIS C VIRUS INHIBITORS

(51) International classification	:C07D413/10
(31) Priority Document No	:61/182,162
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036033
Filing Date	:25/05/2010
(87) International Publication No	:WO 2010/138488 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)LAVOIE, RICO
2)JAMES, CLINT A
3)RUEDIGER, EDWARD H

(57) Abstract :

This disclosure concerns novel compounds of Formula (I) as defined in the specification and compositions comprising such novel compounds. These compounds are useful antiviral agents, especially in inhibiting the function of the NS5A protein encoded by Hepatitis C virus (HCV). Thus, the disclosure also concerns a method of treating HCV related diseases or conditions by use of these novel compounds or a composition comprising such novel compounds.

No. of Pages : 208 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8475/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : WIND TURBINE CONFIGURATION SYSTEM

(51) International classification	:F03D7/04
(31) Priority Document No	:PA 2009 00518
(32) Priority Date	:22/04/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2010/000048
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/121615 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)ORMEL, FRANK

2)HOE, MERETE

(57) Abstract :

The invention relates to a wind turbine configuration system, said configuration system being configured for processing of a plurality configuration parameter settings, each setting being collected from the control system of one of a plurality of comparable wind turbines, wherein the configurations system comprises processing means arranged to analyse the plurality of configuration parameter settings so as to identify a preferred range of setting for the configuration parameter, the configuration system further being configured for initiating an optimization action of configuration parameter settings based on said identified preferred range(s) of setting(s). The invention further relates to a method of processing of a plurality of configuration parameter settings, and a software programme product capable of performing the method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8476/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : ELECTROPHOTOGRAPHIC PHOTSENSITIVE MEMBER AND ELECTROPHOTOGRAPHIC APPARATUS

(51) International classification	:G03G5/08
(31) Priority Document No	:2009-101836
(32) Priority Date	:20/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057106
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/123045
	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)HOSOI, KAZUTO

2)OHIRA, JUN

(57) Abstract :

An electrophotographic photosensitive member is disclosed which has a change layer consisting of five or more a-SiC intermediate layers, provided between an a-Si photoconductive layer and an a-SiC surface layer. Where two layers contiguous to each other in which $C/(Si+C)$ is from 0.35 to 0.65 are selected from among the a-SiC intermediate layers included in the change layer, the rate of increase between the $C/(Si+C)$ of an a-SiC intermediate layer on the photoconductive layer side and the $C/(Si+C)$ of an a-SiC intermediate layer on the surface layer side (i.e., the rate of increase between layers) is 19% or less.

No. of Pages : 116 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8478/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : OPTICAL POSITION DETECTION APPARATUS

(51) International classification	:G06F3/042
(31) Priority Document No	:2009-104577
(32) Priority Date	:22/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/002810
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/122762
	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)OGAWA, YASUJI

(57) Abstract :

This invention is to provide an optical position detection apparatus includes a retroreflective member (10) and a detection unit (20). The retroreflective member is disposed so as to cover the periphery of the detection area. The detection unit is disposed at one portion of the periphery of the detection area and detects a pointing position of the pointer by using reflection light reflected from the retroreflective member. The detection unit includes two detection sections (21) each having a light source section and a camera section. The light source section has an irradiation angle wide enough to irradiate the entire detection area with light. The camera section includes a super-wide-angle lens and an image sensor, is disposed close to the light source section, and has a viewing angle wide enough to image the entire detection area. The two detection sections are arranged such that the distance therebetween is smaller than the width of the detection area as viewed in the direction from the detection unit toward the detection area.

No. of Pages : 21 No. of Claims : 13

(54) Title of the invention : MILDLY ALKALINE THIN INORGANIC CORROSION PROTECTIVE COATING FOR METAL SUBSTRATES

(51) International classification	:C23C22/60	(71)Name of Applicant :
(31) Priority Document No	:PCT/US2009/004450	1)HENKEL AG & CO. KGAA
(32) Priority Date	:19/05/2009	Address of Applicant :HENKELSTRASSE 67, D-40589
(33) Name of priority country	:PCT	DUSSELDORF Germany
(86) International Application No	:PCT/US2009/065663	(72)Name of Inventor :
Filing Date	:24/11/2009	1)SMITH, THOMAS, S.
(87) International Publication No	:WO 2010/134936 A1	2)SOHL, JASDEEP
(61) Patent of Addition to Application		3)BAMMEL, BRIAN, D
Number	:NA	4)DONALDSON, GREGORY, T.
Filing Date	:NA	5)COMOFORD, JOHN, J
(62) Divisional to Application Number	:NA	6)MCGEE, JOHN, D
Filing Date	:NA	7)ZIMMERMAN, JOHN L

(57) Abstract :

Disclosed is a neutral to alkaline inorganic conversion coating composition that can be applied directly to a metal surface without a phosphatizing pre-treatment and that provides significant corrosion protection to the surface. The conversion coating composition preferably has a pH of from about 6 to 11 and more preferably from 8 to 10. In one embodiment, the coating composition includes at least one element from group IVB of the Periodic table, and optionally, at least one element from group VB of the Periodic Table, and an organic polymer. Preferably, the coating composition includes from 9 to 73% by weight, based on the total dry solids coating weights, of at least one element from group IVB of the Periodic Table. In another embodiment the conversion coating composition comprises at least one element from group IVB, a source of chrome, and an organic polymer. Preferably, the coating composition includes from 9 to 73% by weight, based on the total dry solids coating weight, of at least one element from group IVB of the Periodic Table. The conversion coating composition is a dry in place coating and produces a unique morphology upon drying of a continuous inorganic phase in which the organic polymer is dispersed as discrete polymer spheres. The coating composition is very versatile and can accommodate addition of a wide variety of organic polymers which can be added directly to the coating composition thus eliminating multistep coating processes.

No. of Pages : 43 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8480/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : POLYMERIZABLE POLYMERIC PHOTOINITIATORS AND RADIATION CURABLE COMPOSITIONS

(51) International classification	:C08F29/06
(31) Priority Document No	:61/179,019
(32) Priority Date	:18/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/050706
Filing Date	:22/01/2010
(87) International Publication No	:WO 2010/133381
	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)LOCCUFIER, JOHAN

2)VANMAELE, LUC

3)DOCX, HEDWIGE

4)WILLEMS, NADINE

(57) Abstract :

A polymerizable polymeric photoinitiator according to Formula (1): Formula (I), wherein: PL represents an n+m+p-functional polymeric core; n and m independently represent an integer from 1 to 30; p represents an integer from 0 to 10; o is 0 or 1; INI represents a group selected from the group consisting of a benzophenone, a thioxanthone, a carbazole, a anthraquinone, a camphor quinone, an α -hydroxyalkylphenone, an α -aminoalkylphenone, an acylphosphine oxide, a bisacyl phosphine oxide, an acylphosphine sulfide, a phenyl glyoxalate, a benzoin ether, a benzyl ketal, an α -dialkoxyacetophenone, a carbazolyl-O-acyl-oxime, an α -haloarylketone and an α -haloaryl sulfone; L3 and L4 represent a substituted or unsubstituted divalent linking group comprising 1 to 14 carbon atoms; A represents a radically polymerizable functional group selected from the group consisting of an acrylate, a methacrylate, a styrene, an acryl amide, a methacryl amide, a maleate, a fumarate, an itaconate, an vinyl ether, an allyl ether, an allyl ester, a maleimide, a vinyl nitrile and a vinyl ester; and R4 represents a substituted or unsubstituted alkyl group. Radiation curable compositions containing the polymerizable polymeric photoinitiator and methods for preparing the polymerizable polymeric photoinitiator are also disclosed.

No. of Pages : 61 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8481/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : HALOGENATED AMIDE BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH

(51) International classification	:C02F1/50
(31) Priority Document No	:61/179,159
(32) Priority Date	:18/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034936
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/135194 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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MICHIGAN 48674 U.S.A.
(72)**Name of Inventor :**
1)YIN, BEI
2)ROSENBERG, STEVEN
3)JONS, STEVEN, D

(57) Abstract :

Methods are provided for controlling microorganisms in water systems that contain reducing agent(s). The methods comprise treating the water system with an effective amount of a compound of the formula I: wherein X, R and R' are as defined herein. A method for controlling microorganisms in a water system, the method comprising treating the water system with an effective amount of a compound of formula (I):(Formula 0] wherein X is halogen; and R and R1 are, respectively, hydroxyalkyl and a cyano radical (-C=N), or R and R1 are, respectively, hydrogen and an amido radical of the formula: (Formula TI), wherein the water system contains a reducing agent such as a sulfite, a bisulfite or a sulfide.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8482/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMBINED VAPORIZING STRIPPING ABSORPTION MODULE

(51) International classification	:B01D3/04
(31) Priority Document No	:2,663,397
(32) Priority Date	:20/04/2009
(33) Name of priority country	:Canada
(86) International Application No	:PCT/CA2010/000604
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/121374 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)MCGREGOR, IAN, R

2)BELCHERS, CHRISTOPHER, H

(57) Abstract :

In a process, a portion of a liquid mixture flow is vaporized to produce a vapor and a depleted flow of liquid. The vapor is introduced to a brine which is adapted to exothermically absorb one or more components from the vapor, and heat is withdrawn, to produce at least a flow of heat and a flow of brine which is enriched in the one or more components. The heat previously withdrawn is transferred, to drive the vaporization. This heat transfer is associated with the change of a working fluid from a gaseous into a liquid state. The heat withdrawal involves the change of the working fluid from the liquid to the gaseous state. In the liquid state, the working fluid flows only by one or more of gravity, convection and wicking. In the gaseous state, the working fluid flows only by one or more of diffusion and convection.

No. of Pages : 40 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8483/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : PROCESS FOR THE IODINATION OF AROMATIC COMPOUNDS

(51) International classification :C07C227/16
(31) Priority Document No :09158319.5
(32) Priority Date :21/04/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/054624
Filing Date :08/04/2010
(87) International Publication No :WO 2010/12904 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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5)MAZZON, ROBERTA

6)MELI, GABRIELE

7)LEONARDI, GABRIELLA

8)UGGERI, FULVIO

9)VIGNALE, EVELIN

10)VISIGALLI, MASSIMO

(57) Abstract :

The present invention relates to a process for the preparation of iodinated anilines; in particular, it relates to a process including the direct iodination, with suitably activated iodine, of 3,5-disubstituted anilines to the corresponding 3,5-disubstituted-2,4,6-truodoanilines, which are useful intermediates for the synthesis of x-ray contrast media, and to the preparation of the contrast media themselves.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8488/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : CONTROLLING BIOFILM WITH HALOGENATED AMIDES AS BIOCIDES

(51) International classification :C02F1/50
(31) Priority Document No :61/179,161
(32) Priority Date :18/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/034939
Filing Date :14/05/2010
(87) International Publication No :WO 2010/135195 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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3)RAJAN, JANARDHANS, S
4)GANGULY, SANGEETA
5)ROSENBURG, STEVEN
6)JONS, STEVEN, D

(57) Abstract :

Methods are provided for controlling sessile microorganisms and removing biofilm from an aqueous or moisture containing system. The methods comprise treating the system with an effective amount of a compound of the formula (I) wherein X, R and R1 are as defined herein. A method for controlling microorganisms in an aqueous or moisture-containing system, the method comprising treating the aqueous or moisture-containing system with an effective amount of a compound of formula (I): (Formula I), wherein X is halogen; and R and R1 are, respectively, hydroxyalkyl and a cyano radical (-C≡N), or R and R' are, respectively, hydrogen and an amido radical of the formula:(Formula LI), wherein the microorganisms being controlled are sessile microorganisms.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8489/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : ENERGY CONVERSION DEVICE

(51) International classification	:H02K35/02
(31) Priority Document No	:61/171,641
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032037
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/124075 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)HOCHBERG, DAVID,J
2)PETERSON, GROG

(57) Abstract :

An energy conversion device for converting one form of input energy selected from a mechanical energy and electrical energy, into an output energy selected from a mechanical energy and electrical energy using stationary and moveable magnetic components. One of the stationary or movable parts may be a winding and the other may be a piston comprised of a complex magnet having an axial magnetic component responsive to the oppositely disposed axial magnets, and a radial magnetic component responsive to the radial magnetic source to generally maintain the piston in a floating position within the elongated channel between two magnets disposed at opposite ends of the winding.

No. of Pages : 26 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8490/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : A BUNG FOR DRUG CONTAINING CARTRIGES IN DRUG DELIVERY DEVICES

(51) International classification	:A61M5/315
(31) Priority Document No	:09006821.4
(32) Priority Date	:20/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/056977
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/133675 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)POMMEREAU, CHRISTIAN

2)LIEWALD, ANKE

(57) Abstract :

The present invention relates to a bung (20) for drug containing cartridges (10) for use in drug delivery devices wherein the bung (20) has a distal end face (22), a proximal end face (24) and a lateral area (26), wherein the bung (20) comprises at least two different materials, a first material (30) covering the whole lateral area (26) of the bung (20) and a second material (32) which is at least partly arranged inside the bung (20), wherein the first material (30) has a larger compressibility than the second material (32) and wherein the whole lateral area (26) has a flat surface. Furthermore, it relates to a cartridge (10) and to a drug delivery device comprising a bung (20) as claimed.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8491/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : PACKAGED HYDROGEN-GENERATING AGENT, MANUFACTURING METHOD THEREFOR, AND HYDROGEN GENERATION METHOD

(51) International classification	:C01B3/06
(31) Priority Document No	:2009-104356
(32) Priority Date	:22/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057040
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/123020
	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)SUGIMOTO, MASAKAZU
2)YANO, MASAYA

(57) Abstract :

Provided is a packaged hydrogen-generating agent, the hydrogen-generating reaction of which is highly stable and repeatable, and which preferably is resistant to influence from changes in the environmental temperature. Also provided are a method for manufacturing said package, and a hydrogen generation method. The packaged hydrogen-generating agent is provided with: a hydrogen-generating agent (1); a covering material (2) which encloses the hydrogen-generating agent (1) and allows deformation; and a water-absorbing body (3), part of which is in contact with the hydrogen-generating agent (1). The covering material (2) preferably covers at least the area around the contact part (3a) where the water-absorbing body (3) and the hydrogen-generating agent (1) are in contact, so as to create a firm attachment at the contact part (3a).

No. of Pages : 52 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8384/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR PREPARING POLYAMIDE FOAM AND FOAM CAPABLE OF BEING PRODUCED BY SAID METHOD

(51) International classification	:C08J9/00
(31) Priority Document No	:0953224
(32) Priority Date	:15/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/056361
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/130686
	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)TROUILLET-FONTI, LISE
2)ROCHE, ERIC
3)JEOL, STEPHANE

(57) Abstract :

The present invention relates to a method for preparing polyamide foam and to polyamide foam capable of being produced according to said method. Said method includes heating a composition including at least one polyamide and at least one polyurethane, and stabilizing the resulting cellular structure. The invention also relates to the use of a composition including at least one polyamide and at least one polyurethane for preparing polyamide foam.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8387/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SUBMERGED ARC WELDING METHOD FOR STEEL PLATE

(51) International classification :B23K9/18
(31) Priority Document No :2009-127170
(32) Priority Date :27/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/065883
Filing Date :04/09/2009
(87) International Publication No :WO 2010/137186
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)OI, KENJI
3)HAYAKAWA, NAOYA

(57) Abstract :

Provided is a submerged arc welding method for a steel plate which is preferably used in making and welding a large diameter pipe such as a UOE steel pipe or a spiral steel pipe. As specific means, in welding the steel plate from an internal surface or an external surface by a submerged arc welding, welding condition is set such that, a cross-sectional area of internal weld metal S1 and a cross-sectional area of external weld metal S2 satisfy the formula (1), the formula (2), and the formula (3), that is, $0.40 < (S1+S2) / t2$

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8388/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : FENTANYL-CONTAINING ADHESIVE PREPARATION FOR EXTERNAL USE

(51) International classification :A61K31/4468
(31) Priority Document No :2009-173135
(32) Priority Date :24/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/062201
Filing Date :21/07/2010
(87) International Publication No :WO 2011/010645
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HATTORI, KENICHI
3)MATSUSHITA, KUNIIHIKO

(57) Abstract :

Disclosed is a fentanyl-containing adhesive preparation for external use, wherein an adhesive layer is laminated on a supporting body. The adhesive layer contains SIS, a tackifier resin that is composed of a rosin resin and terpene resin, and a softener that is composed of a polybutene and a liquid paraffin. The adhesive layer also contains fentanyl as an active ingredient. The fentanyl-containing adhesive preparation for external use has excellent skin permeation of fentanyl and high preparation stability, without suffering from crystallization of fentanyl during storage.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8390/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS CONTAINING ANTIFUGAL PEPTIDES

(51) International classification	:A61K38/10
(31) Priority Document No	:09160404.1
(32) Priority Date	:15/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/056536
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/139539 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)BRUSER, HEIKE

2)HUMMERICH, DANIEL

3)BOLLSCHWEILER, CLAUS

4)SCHWALB, CARSTEN

(57) Abstract :

The invention relates to a pharmaceutical composition containing in a pharmaceutical carrier, a peptide comprising at least one sequence motif of the following general formula(I) Hell-HB-Hel2. The invention relates to the use and production of said pharmaceutical compositions.

No. of Pages : 145 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8860/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PROVIDING AN INDICATOR OF PRESENCE OF A FIRST ACCESS NETWORK THAT IS CAPABLE OF INTERWORKING WITH A SECOND ACCESS NETWORK

(51) International classification	:H04W48/18
(31) Priority Document No	:61/185,811
(32) Priority Date	:10/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037875
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/144516 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)PARSONS, ERIC

(57) Abstract :

A mobile station receives a control message containing an indicator of presence of a first access network that operates according to, a first protocol that is capable of interworking with a second access network that operates according to a second, different protocol. In response to receiving the indicator, the mobile station performs a procedure to establish a personality for the mobile station that specifies the configuration to allow the mobile station to use features of the first access network that enable interworking with the second access network.

No. of Pages : 18 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8392/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : TOUCH SCREEN, RELATED METHOD OF OPERATION AND SYSTEM

(51) International classification	:G06F3/048
(31) Priority Document No	:0908456.7
(32) Priority Date	:18/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/JP2010/058680
Filing Date	:14/05/2011
(87) International Publication No	:WO 2010/134615
	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)SUMMERS, IAN

(57) Abstract :

An exemplary embodiment concerns a touch screen arranged to determine when touched by a user's screen-engagement member and further arranged to identify an identifying characteristic of the said engagement member and so as to differentiate between different screen-engagement members and wherein at least one aspect of subsequent operation of the screen is responsive to the identification of the said member.

No. of Pages : 29 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8393/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD OF STRUCTURING DATA, PRE COMPILED EXCEPTION LIST ENGINES, AND NETWORK APPLIANCES

(51) International classification	:G06F15/177
(31) Priority Document No	:61/171,176
(32) Priority Date	:21/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001161
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/123546 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)MAESTAS, DAVID

(57) Abstract :

A computer executed method is disclosed for sorting a plurality of internet protocol (IP) addresses. The method includes dividing the range of IP addresses into a plurality of clusters representing a plurality of contiguous sub-ranges, assigning each IP address to the cluster associated with the sub-range that includes that IP address, and assigning the IP addresses in each cluster to one of a plurality of pages. If one of the pages has a size less than a page size limit, the method includes duplicating on that page at least one of the IP addresses assigned to that page. For each page, the IP addresses assigned to that page are ordered by numeric value. A network appliance incorporating aspects of the method is also disclosed.

No. of Pages : 59 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8394/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHODS AND APPARATUS FOR CONFIGURING A PRODUCT USING AN ARRAY OF CONFIGURATION SETS

(51) International classification	:G06F17/00
(31) Priority Document No	:12/433,549
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033217
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/127279 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)KHEIRI, ALI
2)ABERNATHY, ERIK
3)HANDORF, TIMOTHY
4)GUPTA, PRASHANT

(57) Abstract :

Methods and apparatus for configuring a product using an array of configuration sets is disclosed. A user enters a size attribute indicating how many different versions of an attribute will be selected. The client device then displays multiple copies of a configuration set thereby allowing the user to select each attribute value independent of the other attribute values selected. Once the user's selections are complete, and all of the configuration rules are satisfied, the product may be built in accordance with the selected configuration parameters.

No. of Pages : 22 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(21) Application No.84/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND DEVICES FOR IMPROVED DISINFECTION PROCESS

(51) International classification :A61L2/00
(31) Priority Document No :61,185,277
(32) Priority Date :09/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/034292
Filing Date :11/05/2010
(87) International Publication No :WO 2010/144203 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)KANNER, ROWLAND W.

(57) Abstract :

A method which enhances a disinfection process by using a catalyst which increases in effective surface area during the process. Also disclosed are contact lens disinfecting systems which are designed to maintain a high concentration of hydrogen peroxide solution for a longer period of time before increasing the overall surface area of catalyst exposed to the hydrogen peroxide solution. The devices utilize pressure from expanding oxygen generated within the system through use of a small catalyst, or through exposure of only a small portion of a large catalyst, to control deployment of the large catalyst for completing disproportionation of the hydrogen peroxide.

No. of Pages : 61 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8904/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ACTIVELY PUBLISHING MESSAGE IN IM

(51) International classification	:H04L 12/58	(71) Name of Applicant :
(31) Priority Document No	:200910107938.2	1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
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(33) Name of priority country	:China	Zhenxing Road Futian District Shenzhen City 518044
(86) International Application No	:PCT/CN2010/071530	Guangdong Province PRC China
Filing Date	:02/04/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)LI Yonghua
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract The present invention relates to a method and system for actively publishing a message in an IM group using a chat robot. The method includes: a client adding a chat robot in an IM group satisfying a configured condition; the chat robot automatically obtaining a message and publishing the message in the IM group. In the present invention a chat robot is added in an IM group and a function of timed publishing messages by the chat robot is added to increase the message quantity and topics of the IM group thus not only messages can be sent to users in time but also IM group activity may be enhanced which enables users to accept and love the IM group gradually.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8403/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : POLARIZING THIN FILM, POLARIZING PLATE AND LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification :G02B5/30
(31) Priority Document No :2009-103023
(32) Priority Date :21/04/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/056442
Filing Date :09/04/2010
(87) International Publication No :WO 2010/122911
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)MIYATAKE, MINORU
2)KAMIJO, TAKASHI
3)SAWADA, HIROAKI

(57) Abstract :

There is provided a polarizing film (10) which comprises a polyvinyl alcohol-based resin layer (12) including dichroic materials (11). The polarizing film (10) has (a) a film thickness t of 0.5 μm to 5 μm , and (b) an absorbance (absorbance per unit) of 1.5 or higher for extraordinary light per film thickness of 1 μm relative to monochromatic light having a wavelength of 550 nm.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8404/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : PLANT AND METHOD FOR ASSEMBLING SIDES OF A VEHICLE PASSENGER COMPARTMENT

(51) International classification	:B62D65/02
(31) Priority Document No	:0953345
(32) Priority Date	:19/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050745
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/133781
	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)EICHMAN, RUBEN DARIO

(57) Abstract :

The invention relates to a plant for assembling the sides of the passenger compartments of two different models. The two models have a front portion with an identical configuration that extends into a rear portion that is specific to each of the two models. The plant comprises a substantially horizontal rotary plate (100) that supports the front portions (A1) of the sides of the passenger compartment (A), means for assembling said front portions (A1), and two assembling stations (200, 300) for the rear portions (A2) located on either side of the rotary plate (100) and each adapted for assembling the rear portions of the sides of the passenger compartment specific to one vehicle model. The invention can be used for automobiles, in the assembly of automobile bodyworks, in particular in the welding of the sides of the passenger compartments of automobiles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8501/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MINING PHRASE PAIRS FROM AN UNSTRUCTURED RESOURCE

(51) International classification :G06F17/30
(31) Priority Document No :12/470,492
(32) Priority Date :22/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/035033
Filing Date :14/05/2010
(87) International Publication No :WO 2010/135204 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)BROCKETT, CHRISTOPHER J
3)CASTILLO, JULIO J
4)VANDER WENDE, LUCRETIA H

(57) Abstract :

A mining system applies queries to retrieve result items from an unstructured resource. The unstructured resource may correspond to a repository of network-accessible resource items. The result items that are retrieved may correspond to text segments (e.g., sentence fragments) associated with resource items. The mining system produces a structured training set by filtering the result items and establishing respective pairs of result items. A training system can use the training set to produce a statistical translation model. The translation model can be used in a monolingual context to translate between semantically-related phrases in a single language. The translation model can also be used in a bilingual context to translate between phrases expressed in two respective languages. Various applications of the translation model are also described.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8503/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : A POLYMER MADE OF PRIMARY AMINE FUNCTIONALIZED POLYMER AND A HEMICELLULOSE

(51) International classification	:C08B37/00
(31) Priority Document No	:0950378-0
(32) Priority Date	:27/05/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050570
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/138069
	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)RUDA, MARCUS
2)SLATTEGARD, RIKARD

(57) Abstract :

The present invention relates to a polymer made of a primary amine functionalized polymer and a hemicellulose e.g. chitosan and xyloglucan, wherein the primary amine functionalized polymer is covalently bound to the hemicellulose, and to a cross-linking agent composition comprising the polymer. A method wherein manufacturing a cellulose containing product comprises the steps of; providing a cellulose containing product; treating said cellulose product with a cellulose adsorbing agent comprising a polymer made of a primary amine functionalized polymer and a hemicellulose e.g. chitosan and xyloglucan, and optionally other additives is also provided.

No. of Pages : 70 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8927/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : ELECTRODEPOSITED METALLIC MATERIALS COMPRISING COBALT

(51) International classification :C25D3/12
(31) Priority Document No :12/476,424
(32) Priority Date :02/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/000816
Filing Date :31/05/2010
(87) International Publication No :WO 2010/139054 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)NAGARAJAN, NANDAKUMAR

8)VICTOR, JARED J.

9)ERB, UWE

(57) Abstract :

Free standing articles or articles at least partially coated with substantially porosity free, fine-grained and/or amorphous Co-bearing metallic materials optionally containing solid particulates dispersed therein, are disclosed. The electrodeposited metallic layers and/or patches comprising Co provide, enhance or restore strength, wear and/or lubricity of substrates without reducing the fatigue performance compared to either uncoated or equivalent thickness Cr coated substrate. The fine-grained and/or amorphous metallic coatings comprising Co are particularly suited for articles exposed to thermal cycling, fatigue and other stresses and/or in applications requiring anti-microbial and hydrophobic properties.

No. of Pages : 60 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8862/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CONVEYING SYSTEM, TOWER STRUCTURE WITH CONVEYING SYSTEM, AND METHOD FOR CONVEYING CONTAINERS WITH A CONVEYING SYSTEM

(51) International classification	:B65G35/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2009/000272
Filing Date	:27/05/2009
(87) International Publication No	:WO 2010/138027
	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)OLSSON, AKE

(57) Abstract :

The invention relates to a conveying system for moving containers (14), the conveying system (4) comprising an inclined track (8) and a conveying device (24), where the track (8) has an container inlet (11) at the bottom (12) and an container outlet (15) at the top (16) and where the conveying device (24) is arranged to travel down (R) the track (8) and comprises a container moving unit (54) which after passage below a container (14) moves the container (14) one step up (L) the track (8), the conveying device (24) thus moving one container (14) at a time one step up (L) the track (8) during the downward (R) travel of the conveying device (24). The invention also relates to a tower structure (2) comprising a container conveying system (4), and a method for conveying containers (14) with a conveying system (4).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8960/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : HARQ ADAPTATION FOR ACQUISITION OF NEIGHBOR CELL SYSTEM INFORMATION

(51) International classification :H04W36/00

(31) Priority Document No :61/219547

(32) Priority Date :23/06/2009

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

(86) International Application No :PCT/US2010/037952

Filing Date :09/06/2010

(87) International Publication No :WO 2011/005407 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)NARASIMHA, MURALI

2)KUCHIBHOTLA, RAVI

(57) Abstract:

A method in a mobile station including receiving an order from a serving cell for system information acquisition of a neighbor cell, wherein the order includes at least a physical cell identifier and a time limit for acquisition of the system information of the neighbor cell, acquiring the system information of the neighbor cell within the time limit for the acquisition of the system information, and reporting at least a part of the acquired system information to the serving cell.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8992/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM FOR DETERMINING THE LENGTH OF AN OPTICAL FIBER UNWOUND FROM/REMAINING ON A STORAGE REEL PARTICULARLY HOUSED IN AN UNDERWATER WEAPON

(51) International classification	:F41G7/32
(31) Priority Document No	:0953690
(32) Priority Date	:04/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051096
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/139907
	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)LE DARD, MICHEL

2)VANDENBUSSCHE, NOEL

(57) Abstract :

This system for determining the length of an optical fiber (2) unwound from/remaining on at least one storage reel (3), the fiber (2) being used as a medium for transmitting information between a weapon (1) and an underwater vehicle (10), from which the weapon has been fired, is characterized in that it includes means (4) for measuring the backscattered light power in the fiber (2), means (5) for analyzing this power signal, in order to detect a backscattered light power discontinuity corresponding to the location of the fiber where the latter leaves the reel, means (6) for localizing this location along the fiber, and means (7) for determining from this localization and from the length of fiber initially wound on the reel (3), the length of fiber unwound from/remaining on the reel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9028/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : JOINT PARAMETER DETERMINATION AND SEPARATE CQI GENERATION REPORTING FOR LTE-A MULTICARRIER

(51) International classification :H04W24/10
(31) Priority Document No :61/185,913
(32) Priority Date :10/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038210
Filing Date :10/06/2010
(87) International Publication No :WO 2010/144729 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)PETER GAAL
4)JUAN MONTOJO

(57) Abstract :

Certain aspects of the present disclosure relate to a method for determining and reporting channel information feedback for multi-carrier operation. In one aspect, channel information feedback parameters may be determined jointly across component carriers, and channel information feedback reports may be generated and reported individually per component carrier.

No. of Pages : 41 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9029/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR DISCONTINUOUSLY TRANSFERRING DATA IN A POINT-TO-MULTIPOINT ACCESS NETWORK, CENTRAL UNIT, AND NETWORK TERMINATION UNIT

(51) International classification	:H04L12/28
(31) Priority Document No	:09305523.4
(32) Priority Date	:10/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056167
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/142500
	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)HEINZ-GEORG KRIMMEL

(57) Abstract :

The invention, relates to a method for discontinuously transferring data (011,012, DI3) in a point-to-multipoint access network from a central unit to a subscriber-sided network termination unit via a distribution network, that connects the central unit with this subscriber-sided network termination unit and with a multiple of like other subscriber-sided network termination units, in which measures for serving correct data transmission, like scrambling (SCR) or error correction (FECK are applied to the data (DI1, DI2, DI3) for this single subscriber-sided network termination unit before they are combined with data for other subscriber-sided network termination units, to a central unit, and to a subscriber-sided network termination unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9046/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A METHOD OF OPERATING A WIND TURBINE

(51) International classification :F03D 1/06
(31) Priority Document No :09160498.3
(32) Priority Date :18/05/2009
(33) Name of priority country :EPO
(86) International Application N^o :PCT/EP2010/056814
Filing Date :18/05/2010
(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 :
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(72)Name of Inventor :
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2)BOVE Stefano
3)FUGLSANG Lars

(57) Abstract :

A wind turbine is operated with a blade in which a transition region is provided between a root region with a substantially circular or elliptical profile closest to a hub and an airfoil region with a lift generating profile furthest away from the hub. The transition region has a base part with an inherent non-ideal aerodynamic design so that a substantial longitudinal part of the base part without flow altering devices at a design point deviates from a target axial induction factor. A pitch of the blade and a rotational speed are adjusted to meet the target axial induction factor of the second longitudinal segment and flow altering devices are provided so as to meet the target axial induction factor of the first longitudinal segment.

No. of Pages : 96 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9060/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : WIND TURBINE BLADE PROVIDED WITH FLOW ALTERING DEVICES

(51) International classification :F03D 1/06
(31) Priority Document No :09160501.4
(32) Priority Date :18/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/056817
Filing Date :18/05/2010
(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

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2)BOVE Stefano
3)FUGLSANG Lars

(57) Abstract :

A blade for a rotor of a wind turbine is divided into a root region closest to the hub and an airfoil region with a lift generating profile furthest away from the hub and a transition region. A base part of the transition region has an axial induction factor which without flow altering device deviates at least 5% from a target axial induction factor. A number of first flow altering devices are arranged so as to adjust the aerodynamic properties of a longitudinal segment of the transition region to substantially meet the target axial induction factor.

No. of Pages : 98 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9071/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DISCONTINUOUS RECEPTION OPERATION FOR LONG TERM EVOLUTION ADVANCED CARRIER AGGREGATION

(51) International classification :H04W 76/04
(31) Priority Document No :61/187,095
(32) Priority Date :15/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038647
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

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5)HEO Youn Hyoung
6)YU Yi

(57) Abstract :

A method for discontinuous reception operation for carrier aggregation comprising: receiving a first set of discontinuous reception parameters for a first carrier and a limited or different set of discontinuous reception parameters for a second carrier; and configuring discontinuous reception parameters on the first carrier and second carrier.

No. of Pages : 64 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9073/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR FACILITATING RADIO LINK MONITORING AND RECOVERY

(51) International classification	:H04W 72/08
(31) Priority Document No	:61/185,480
(32) Priority Date	:09/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038007
Filing Date	:09/06/2010
(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

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5)DAMNJANOVIC Aleksandar

(57) Abstract :

Methods apparatuses and computer program products are disclosed for facilitating a radio link failure determination. A wireless terminal is configured to monitor a control channel quality of a control signal over at least one control carrier. A radio link failure determination is then made based on the control channel quality of the at least one control carrier. In other embodiments rather than basing the radio link failure determination solely on the set of control carriers the wireless terminal is configured to monitor a control channel quality over at least one additional carrier not included in the set of control carriers in response to a link loss detected over each of the set of control carriers. For such embodiments the radio link failure determination is then made based on the control channel quality of the additional carrier(s).

No. of Pages : 66 No. of Claims : 87

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9075/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PREDICTING COOLING PERFORMANCE OF ARRANGEMENTS OF EQUIPMENT IN A DATA CENTER

(51) International classification	:G06F 17/50
(31) Priority Document No	:12/437,746
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033876
Filing Date	:06/05/2010
(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

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(72)**Name of Inventor :**
1)VANGILDER James W.
2)ZHANG Xuanhang

(57) Abstract :

A system and method for evaluating equipment in an improper cluster in a data center the equipment including a plurality of equipment racks and at least one cooling provider. In one aspect the method includes receiving data regarding each of the plurality of equipment racks and the -at least one cooling provider the data including a layout of the improper cluster of equipment racks and the at least one cooling provider storing the received data identifying at least one gap 304 306 in the layout determining cooling performance of at least one of the plurality of equipment racks based at least in part on characteristics of the at least one gap and displaying the layout of the data center wherein the layout includes an indication of the cooling performance of the at least one of the plurality of equipment racks.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8908/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD OF MODIFYING SERINE PROTEASE INHIBITORS

(51) International classification :C07K 14/81

(31) Priority Document No :0907698.5

(32) Priority Date :05/05/2009

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

(86) International Application No :PCT/GB2010/000889

Filing Date :05/05/2010

(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

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2)Cho Yeow KOH

3)Kunchithapadam SWAMINATHAN

4)Kumar SUNDRAMURTHY

(57) Abstract :

The present disclosure relates to a method of modifying serine protease inhibitors in order to acquire or enhance any one of a variety of desired properties including extent of inhibition maintenance of inhibition following cleavage of the serine protease inhibitor by the target serine protease speed of binding to the serine protease neutralisation and binding affinity. The present disclosure also relates to the products of such modifications and the uses of such products in particular their use in therapy.

No. of Pages : 455 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9080/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PROBIOTIC JUICE DRINK

(51) International classification	:A23L 1/30
(31) Priority Document No	:0950341-8
(32) Priority Date	:14/05/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050525
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

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1)Kerstin HOLMGREN

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(57) Abstract :

A probiotic fruit juice drink consisting of at least one species of probiotic bacteria chosen from Lactobacillus and at least one gas formation reducer chosen from acerola pomegranate cranberry arqnia blackcurrant buckthorn or elderberry and any combination thereof and a primary fruit juice chosen from a citrus fruit juice or an pip fruit juice. The probiotic juice drink contains optionally a secondary fruit juice and optionally water.

No. of Pages : 25 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9081/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : HEADSET SYSTEMS AND METHODS

(51) International classification :H04R 25/00

(31) Priority Document No :12/464,310

(32) Priority Date :12/05/2009

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

(86) International Application No :PCT/US2010/034312

Filing Date :11/05/2010

(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

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3)Reza KASSAYAN

(57) Abstract :

A digital audio player device can be attached adhered or otherwise embedded into or upon a removable oral appliance or other oral device to form an intraoral MP3 player. In another embodiment the device provides an electronic and transducer device that can be attached adhered or otherwise embedded into or upon a removable oral appliance or other oral device to form a DAP. Such an oral appliance may be a custom-made device fabricated from a thermal forming process utilizing a replicate model of a dental structure obtained by conventional dental impression methods. The electronic and transducer assembly may receive incoming sounds either directly or through a receiver to process and amplify the signals and transmit the processed sounds via a vibrating transducer element coupled to a tooth or other bone structure such as the maxillary mandibular or palatine bone structure.

No. of Pages : 50 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9083/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND ARRANGEMENT FOR ADAPTING A SIGNAL IN A WIRELESS COMMUNICATIONS NETWORK□

(51) International classification	:H04B 7/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority count□y	:NA
(86) International Application No	:PCT/SE2009/050826
Filing Date	:29/06/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BALDEMAIR Robert
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(57) Abstract :

According to an aspect of the present invention, the power efficiency of a precoded OFDM signal is improved by a method in a network node 210, e.g. a mobile terminal, for adapting a signal for multi-antenna transmission. The network node 210 is comprised in a wireless communications network 200. In a first step 404, the network node 210 receives 404 at least a first parameter being related to the transmit power requirements of the network node 210. In some embodiments, the at least first parameter is a power control command. The network node 210 then receives, 408, a second parameter indicating a precoder W. In a further step 416, the network node 210 determines a modified precoder \hat{W} , having the same dimensions as W, using the precoder W and the at least first parameter; Then, the network node 210 adapts, 418, the signal for multi-antenna transmission using the modified precoder \hat{W} .

No. of Pages : 51 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9100/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR PRIORITIZING OPERATION OF RELAY NODE IN A WIRELESS COMMUNICATION SYSTEM AND APPARATUS FOR THE SAME

(51) International classification	:H04B7/14
(31) Priority Document No	:61/222062
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/004101
Filing Date	:24/06/2010
(87) International Publication No	:WO 2011/002176 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)KIM, HAK SUNG

(57) Abstract :

Various methods and apparatuses for prioritizing operation of Relay Node are disclosed. A method for prioritizing the transmission and receipt of uplink signals in a relay node of a wireless communication system is presented, The method comprises determining radio resource requirements for receiving one or more access link signals and/or transmitting one or more backhaul link signal, determining the signal type of the one or more access link signals and/or determining the signal type of the one. or more backhaul link signals, and selecting one of a transmitting mode operation and a receiving mode operation based on the radio resource requirements for receiving the one or more access link signals and/or transmitting the one or more backhaul link signals, and based on the signal type of the one or more access link signals and/or the signal type of the one or more backhaul link signals.

No. of Pages : 70 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9102/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : LUBRICATING COMPOSITION

(51) International classification	:C10M 145/14
(31) Priority Document No	:2009-138099
(32) Priority Date	:09/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/EP2010/057990
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

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(57) Abstract :

The present invention provides a lubricating composition comprising: - a base oil; and a viscosity index improver containing poly(meth) acrylate having hydroxyl groups in the structure and having a hydroxyl value of from 22 to 37.

No. of Pages : 35 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9104/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : BLOOD VESSEL INNER WALL ANALYZING DEVICE AND BLOOD VESSEL INNER WALL ANALYZING METHOD

(51) International classification :A61B 10/00
(31) Priority Document No :2009-116794
(32) Priority Date :13/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/058119
Filing Date :13/05/2010
(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

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3)ISHII Akira
4)MUNEMITSU Toshihiro

(57) Abstract :

The present invention relates to a blood vessel inner wall analyzing apparatus provided with a structure for more accurately analyzing components of substances adhered to the inner walls of blood vessels. A blood vessel inner wall analyzing apparatus (1) is provided with illuminating means detecting means and analyzing means. The illuminating means illuminates a light component in a measurement wavelength range of 1957 nm to 2713 nm onto a measured position from an end surface (30b) of a light illuminating fiber (30) inserted into a carotid artery (C). The detecting means receives a light component from a measured position through an end surface (40a) of a light receiving fiber (40) within the carotid artery (C).

No. of Pages : 45 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9105/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : BLOOD VESSEL WALL ANALYZING DEVICE AND BLOOD VESSEL WALL ANALYZING METHOD

(51) International classification :A61B 10/00
(31) Priority Document No :2009-116792
(32) Priority Date :13/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/058085
Filing Date :13/05/2010
(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

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5)ISHII Akira

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(57) Abstract :

The present invention relates to a blood vessel wall analyzing apparatus provided with a structure enabling accurate measurement of plaque components in a blood vessel wall in a state that reduces the burden on a patient. In the blood vessel wall analyzing apparatus (1) measurement light is illuminated onto a measured portion within a blood vessel such as a carotid artery (C) from a light illuminating unit (30) provided outside the blood vessel while light from the measured portion is detected in a light receiving unit (40) provided outside the blood vessel. Thus since the status of the blood vessel wall can be analyzed without inserting an apparatus involved in measurement into the blood vessel the burden on the patient is reduced during measurement.

No. of Pages : 53 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9106/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : CONTENT DELIVERY SYSTEMS AND METHODS

(51) International classification :G06Q30/00
(31) Priority Document No :61/180359
(32) Priority Date :21/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/001509
Filing Date :21/05/2010
(87) International Publication No :WO 2010/135001 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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5)GRADHOMME, LAURENT

(57) Abstract :

A method for distributing an electronic content item for consumption with advertisements is provided. In one embodiment, a content provider creates a license identifying one or more slots within an electronic content item at which advertisements are to be inserted. The license specifies one or more types of advertisements that are not permitted to be inserted into the slots, and also specifies criteria for dynamically selecting advertisements to insert into the one or more slots. The content provider securely associates the electronic license with the electronic content item and distributes the electronic content item and the electronic license to a third party for consumption or subsequent transfer to an end user.

No. of Pages : 130 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9118/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : BLOOM FILTER BASED DEVICE DISCOVERY

(51) International classification :H04W8/00
(31) Priority Document No :12/482,827
(32) Priority Date :11/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038232
Filing Date :10/06/2010
(87) International Publication No :WO 2010/144748 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 :

Aspects describe enabling two peers that have already paired together under some circumstances to re-identify themselves under different circumstances so that the peers can bypass performing another pairing only to discover that they are already paired. A Bloom filter is constructed from an available pool of locally selected identifiers and is sent to a peer node in a first message. Upon receiving the message with the Bloom filter, peer node checks all its known identifiers. If peer node finds that one of its identifiers is a member of the Bloom filter, peer node sends a reply in order to achieve a mutual identification.

No. of Pages : 60 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8947/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD&NBSP; DEVICE AND SYSTEM FOR OPTICAL NETWORK SWITCHING PROTECTION

(51) International classification :H04L 12/24

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2009/073532

Filing Date :26/08/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(57) Abstract :

The present invention provides a method and system for optical network switching protection. It relates to the field of optical communications technology and solves the problem that the service interruption time is comparatively long during master- standby switching in the prior art. In the embodiments of the invention one is selected from all the optical terminal equipments as a ranging optical terminal equipment after the service is switched from a master optical office equipment to a standby optical office equipment; a delay difference is obtained wherein the delay difference is between the delays from the ranging optical terminal equipment to the standby optical office equipment and to the master optical office equipment respectively; according to the delay difference the time that the data transmitted from all the optical terminal equipments arrive at the standby optical office equipment is synchronized...

No. of Pages : 36 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9120/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : HOME APPLIANCE MONITORING SYSTEM

(51) International classification	:H04M 11/00
(31) Priority Document No	:2009-114901
(32) Priority Date	:11/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057930
Filing Date	:11/05/2010
(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

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(57) Abstract :

A home appliance monitoring system includes: a plurality of home systems respectively including a central managing device configured to collect monitoring information from a home appliance; and a center server connected to the central managing device of each home system. The center server calculates the current load amount, and sends an activating instruction signal or a deactivating instruction signal to each central managing device on the basis of the current load amount. The central managing device sets its communication status to an activated status in response to receiving the activating instruction signal, and sets its communication status to a deactivated status in response to receiving the deactivating instruction signal. The home system stores the monitoring information while the communication status is the deactivated status. The home system sends the stored monitoring information to the center server when the communication status is switched from the deactivated status to the activated status. The home system sends the monitoring information to the center server while the communication status is the activated status. The center server stores the monitoring information received from the home system.

No. of Pages : 54 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9121/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR FAST PASSING THROUGH SERVICES FOR SYNCHRONOUS DIGITAL HIERARCHY DEVICE

(51) International classification	:H04J 3/08
(31) Priority Document No	:200910108006.X
(32) Priority Date	:09/06/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072183
Filing Date	:26/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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(57) Abstract :

The present invention provides a method for fast passing through services in a SDH device including: a protection switching module compresses first pass-through time slots between adjacent protection ports to a second pass-through time slot; when an action of pass-through is triggered the protection switching module sending the second pass-through time slot to a time slot configuration module to parse and the time slot configuration module sending a parsing result to a time slot register to perform a process of a time slot pass-through. The present invention provides an apparatus for fast passing through services in a SDH device including a protection switching module a time slot configuration module and a time slot register. With the method and apparatus in the present invention the processing time for the pass-through configuration is reduced obviously which benefits to fast completion of protection switching and achieves fast recovery of ring protection network services.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9076/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : APPARATUS AND METHOD FOR SUPPORT OF DIMMING IN VISIBLE LIGHT COMMUNICATION

(51) International classification :H04B 10/10

(31) Priority Document No :61/215,760

(32) Priority Date :08/05/2009

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

(86) International Application No :PCT/KR2010/002967

Filing Date :10/05/2010

(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

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(57) Abstract :

A method and system for visible light communication (VLC) for use in a dimmable lighting environment is provided. The method includes transmitting data using light from at least one light source a brightness of the light reduced below a maximum level. The method also includes compensating or accommodating for the reduced brightness of the light at a VLC circuitry to maintain communication. The method further includes transmitting data to at least one VLC receiver using the light from the at least one light source.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9077/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PREDICTING MAXIMUM COOLER AND RACK CAPACITIES IN A DATA CENTER

(51) International classification :G06F 17/50

(31) Priority Document No :12/437,728

(32) Priority Date :08/05/2009

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

(86) International Application No :PCT/US2010/033867

Filing Date :06/05/2010

(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

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(57) Abstract :

A system and method for evaluating equipment in a data center the equipment including a plurality of equipment racks and at least one cooling provider. In one aspect a method includes receiving data regarding each of the plurality of equipment racks and the at least one cooling provider the data including a layout of the equipment racks and the at least one cooling provider a power draw value for each of the equipment racks and a maximum cooler capacity value for the at least one cooling provider; storing the received data; determining cooling performance of at least one of the plurality of equipment racks based on the layout; determining a cooling load for the at least one cooler and a difference between the cooling load and the maximum cooler capacity value; for each equipment rack

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9078/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : TRANSMISSION OF REFERENCE SIGNAL ON NON-CONTIGUOUS CLUSTERS OF RESOURCES

(51) International classification :H04J 1/02
(31) Priority Document No :61/219,294
(32) Priority Date :22/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039525
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

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(72)**Name of Inventor :**
1)ZHANG Xiaoxia
2)CHEN Wanshi
3)LUO Xiliang
4)MONTJOJO Juan
5)GAAL Peter

(57) Abstract :

Techniques for transmitting a reference signal on multiple non-contiguous clusters of resources are described. A user equipment (UE) may be scheduled for data transmission on the multiple non-contiguous clusters and each cluster may cover a set of contiguous subcarriers. The UE may generate the reference signal based on at least one reference signal (RS) sequence using code division multiplexing (CDM) or frequency division multiplexing (FDM). In an design the UE generates the reference signal with CDM based on a single RS sequence having a length matching the total length of the multiple non-contiguous clusters. In another design the UE generates the reference signal with CDM based on one RS sequence for each cluster. In yet another design the UE generates the reference signal with FDM and transmits the reference signal on a subset of all subcarriers for the multiple non-contiguous clusters.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9079/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : ROBUST UE RECEIVER

(51) International classification :H04L 1/18
(31) Priority Document No :61/219,296
(32) Priority Date :22/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039528
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

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(72)**Name of Inventor :**
1)LUO Tao
2)MALLADI Durga Prasad
3)MONTJOJO Juan
4)TENNY Nathan Edward
5)HO Sai Yiu Duncan

(57) Abstract :

Methods systems apparatus and computer program products are provided to improve the reliability of data reception. In one provided embodiment a communication signal is parsed by a communication device to identify repeat request identifiers. The device determines an inter-arrival time of two instances of the same identifier and processes the communication signal based on a comparison between the inter-arrival time and a predetermined time. This Abstract is provided for the sole purpose of complying with the Abstract requirement rules that allow a reader to quickly ascertain the disclosed subject matter. Therefore it is to be understood that it should not be used to interpret or limit the scope or the meaning of the claims.

No. of Pages : 67 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8492/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHODS FOR REDUCING OIL UPTAKE OF FRIED FOODS

(51) International classification :A21D2/18
(31) Priority Document No :61/179,037
(32) Priority Date :18/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/035175
Filing Date :18/05/2010
(87) International Publication No :WO 2010/135272 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)STEFFENS, MATTHEW
2)ADDEN, ROLAND
3)HUEBNER, BRITTA
4)ZHANG, XIAODONG

(57) Abstract :

The present application describes methods for reducing oil uptake of fried foods, comprising adding water to a batter mix comprising flour, at least one seasoning, optionally, a leavening agent, and granulated or agglomerated methylcellulose, provided that the methylcellulose has been granulated or agglomerated with a sufficient amount of carboxymethylcellulose as binder, to form a batter; contacting a food with the batter to prepare a battered food; and frying the battered food.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8493/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : LIQUID CRYSTAL PANEL AND METHOD FOR INSPECTING LIQUID CRYSTAL PANEL

(51) International classification	:G02F1/1337
(31) Priority Document No	:2009-119567
(32) Priority Date	:18/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/050939
Filing Date	:26/01/2010
(87) International Publication No	:WO 2010/134361
	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)HAYAMA, TAKSFUMI

(57) Abstract :

Provided is a liquid crystal panel (1) wherein liquid crystal alignment films (18, 24) composed of polyimide are formed on the facing surface of a TFT substrate (10) and a CF substrate (20), and a liquid crystal is sealed between the TFT substrate (10) and the CF substrate (20). On the TFT substrate (10) side, a metal film (40) which can be optically recognized through the CF substrate (20) side and operates as an infrared light reflected plate at the time of measuring the imidization of the liquid crystal alignment film (18) which covers the TFT substrate is formed.

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

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A SPRAY POWDER COMPRISING ONE OR MORE GLYCINE-N, N-DIACETIC ACID DERIVATIVES AND USE OF THE SPRAY POWDER FOR PRODUCING COMPRESSION AGGLOMERATES

(51) International classification	:B01J2/16	(71)Name of Applicant :
(31) Priority Document No	:09160717.6	1)BASF SE
(32) Priority Date	:20/05/2009	Address of Applicant :67056, LUDWIGSHAFEN Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/056855	1)MRZENA, FRANK
Filing Date	:19/05/2010	2)SCHONHERR, MICHAEL
(87) International Publication No	:WO/2010/133617	3)HEINZ, ROBERT
	A1	4)HEIDENFELDER, THOMAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process is proposed for the preparation of a spray powder comprising one or more glycine-N,N-diacetic acid derivatives of the general formula (I) $\text{MOOC-CHR-N}(\text{CH}_2\text{COOM})_2$ (I), with the meaning R is C1-12-alkyl and M is alkali metal, starting from an aqueous solution comprising the one or more glycine-N,N-diacetic acid derivatives which is spray-dried with the introduction of air, wherein - the aqueous solution comprises the one or more glycine-N,N-diacetic acid derivatives in a fraction of $\geq 84\%$ by weight, based on the total weight of the dry mass, and - the spray-drying takes place in a drying apparatus to which the aqueous solution and the air are passed cocurrently, with a temperature gradient between the aqueous solution and the air in the range from 70 to 350°C, and - in the drying apparatus the aqueous solution is atomized into fine liquid droplets by feeding it onto one or more disks which rotate at a peripheral speed of ≥ 100 m/s, or by compressing it by means of a pump to a pressure of ≥ 20 bar absolute and, at this pressure, feeding it into the drying apparatus via one or more jets.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8495/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : THIAZOLE DERIVATIVES AND THEIR USE AS P2Y12 RECEPTOR ANTAGONISTS

(51) International classification	:C07D417/04	(71)Name of Applicant :
(31) Priority Document No	:PCT/IB2009/051647	1)ACTELION PHARMACEUTICALS LTD
(32) Priority Date	:22/04/2009	Address of Applicant :GEWERBESTRASSE 16, CH-4123
(33) Name of priority country	:PCT	ALLSCHWIL Switzerland
(86) International Application No	:PCT/IB2010/051742	(72)Name of Inventor :
Filing Date	:21/04/2010	1)CAROFF, EVA
(87) International Publication No	:WO 2010/122504	2)HILPERT, KURT
	A1	3)HUBLER, FRANCIS
(61) Patent of Addition to Application	:NA	4)LEHMANN, DAVID
Number	:NA	5)MEYER, EMMANUEL
Filing Date	:NA	6)RENNEBERG, DORTE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to thiazole derivatives of formula I and their use as P2Y12 receptor antagonists in the treatment and/or prevention of peripheral vascular, of visceral-, hepatic- and renal-vascular, of cardiovascular and of cerebrovascular diseases or conditions associated with platelet aggregation, including thrombosis in humans and other mammals. Formula I

No. of Pages : 87 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8496/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : HALOGENATED AMIDE BIOCIDAL COMPOUNDS AND METHODS FOR TREATING WATER SYSTEMS AT NEAR NEUTRAL TO HIGH PH

(51) International classification	:C02F1/50
(31) Priority Document No	:61/179,157
(32) Priority Date	:18/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034934
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/135192 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)RAJAN, JANARDHANAN, S
5)GANGULY, SANGEETA
6)ROSENBERG, STEVEN
7)JONS, STEVEN, D

(57) Abstract :

A method for controlling microorganisms in a water system, the method comprising treating the water system with an effective amount of a compound of formula (I); wherein X is halogen; and R and R₁ are, respectively, hydroxyalkyl and a cyano radical (-C=N), or R and R are, respectively, hydrogen and an amido radical of the formula: wherein the water system has a pH of 5 or greater.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9130/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MULTIBAND ANTENNA FOR COOPERATIVE MIMO

(51) International classification :H04B 7/02
(31) Priority Document No :12/482,862
(32) Priority Date :11/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038235
Filing Date :10/06/2010
(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

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1)NAGARAJA Nagendra

(57) Abstract :

Certain aspects provide a method for reducing interference in a cooperative MIMO system.

No. of Pages : 39 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9131/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : POWER SEMICONDUCTOR HEATSINKING

(51) International classification :H01L 23/40

(31) Priority Document No :12/466,315

(32) Priority Date :14/05/2009

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

(86) International Application No :PCT/US2010/034864

Filing Date :14/05/2010

(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 :

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1)THOMSEN Ove Lyck

2)ANDERSEN Claus Aabjerg

(57) Abstract :

A heatsink includes a thermally conductive body including a plurality of fins configured to conduct and dissipate heat. The body is configured to receive a circuit board containing heat-producing electrical components along a width of the body. The heatsink further includes a pivot mechanism pivotally coupled to the body and configured and disposed to contact the heat-producing electrical components. The heatsink further includes a bias device connected to the body and the pivot mechanism and configured to change from a first state to a second state to cause the pivot mechanism to rotate relative to the body to move a contact portion of the pivot mechanism toward the body. The heatsink is configured to receive the heat-producing electrical components between the contact portion of the pivot mechanism and the body, and the bias device is configured to bias the contact portion of the pivot mechanism to urge the heat-producing electrical components against the body when the bias device is in the second state.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9133/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : CONTROL OF MULTIPLE RADIOS USING A DATABASE OF INTERFERENCE-RELATED INFORMATION

(51) International classification :H04W 88/06

(31) Priority Document No :61/182,946

(32) Priority Date :01/06/2009

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

(86) International Application No :PCT/US2010/036882

Filing Date :01/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application :NA

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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UNITED STATES OF AMERICA

(72)Name of Inventor :

1)WIETFELDT Richard D.

2)CHRISIKOS George

(57) Abstract :

Techniques for performing radio coexistence management are described. In an aspect operation of multiple radios may be controlled using a database of interference-related information which may be indicative of interference between different radios operating concurrently. In one design an entity may obtain planned operating states of multiple radios in an upcoming interval. The entity may determine the performance of one or more radios based on the planned operating states of the radios and the database which may store information on performance versus operating states for different combinations of radios. The entity may select at least one new operating state for at least one radio based on the determined performance and the database to achieve good performance. The entity may send the at least one new operating state to the at least one radio. Each radio may operate in accordance with its new operating state (if any) or its planned operating state.

No. of Pages : 56 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9135/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SMALL VOLUME TEST STRIPS WITH LARGE SAMPLE FILL PORTS&NBSP; SUPPORTED TEST STRIPS&NBSP; AND METHODS OF MAKING AND USING SAME

(51) International classification :G01N 33/48

(31) Priority Document No :12/551,316

(32) Priority Date :31/08/2009

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

(86) International Application No :PCT/US2010/045755

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

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(72)Name of Inventor :

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2)KARINKA Shridhara Alva

3)FELDMAN Benjamin J.

(57) Abstract :

The present disclosure provides small volume analyte sensors having large sample fill ports supported analyte sensors analyte sensors having supported tip protrusions and methods of making and using same.

No. of Pages : 51 No. of Claims : 91

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9136/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD&NBSP; APPARATUS&NBSP; AND COMPUTER PROGRAM FOR PROVIDING APPLICATION SECURITY

(51) International classification :G06F 21/00

(31) Priority Document No :12/464,414

(32) Priority Date :12/05/2009

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

(86) International Application No :PCT/IB2010/001102

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

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2)Tommi Olavi Manttari

(57) Abstract :

Attached

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9137/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MANAGING SERVICES USING REUSABLE BEARER TAGS

(51) International classification :G06Q 20/00

(31) Priority Document No :12/471,315

(32) Priority Date :22/05/2009

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

(86) International Application No :PCT/FI2010/050359

Filing Date :04/05/2010

(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

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(72)Name of Inventor :

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2)Damien Balsan

(57) Abstract :

An approach is provided for managing one or more services corresponding to a reusable prepaid bearer tag (e.g., near field communication (NFC) tag, radio frequency identification (RFID) tag, contactless card, or barcode). A request to manage a service is initiated by reading service information from a reusable prepaid bearer tag corresponding to the one or more services.

No. of Pages : 66 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8497/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : NON VOLATILE MEMORY ELEMENT, MANUFACTURING METHOD THEREOF, DESIGN SUPPORT METHOD THEREFOR, AND NONVOLATILE MEMORY DEVICE

(51) International classification	:H01L27/105
(31) Priority Document No	:2010-064897
(32) Priority Date	:19/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/001543
Filing Date	:16/03/2011
(87) International Publication No	:WO 2011/114725
	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)KAWASHIMA, YOSHIO

4)NINOMIYA, TAKEKI

(57) Abstract :

A nonvolatile memory element which can be initialized at low voltage includes a variable resistance layer (116) located between a lower electrode (105) and an upper electrode (107) and having a resistance value that reversibly changes based on electrical signals applied between these electrodes. The variable resistance layer (116) includes at least two layers: a first variable resistance layer (1161) including a first transition metal oxide (116b); and a second variable resistance layer (1162) including a second transition metal oxide (116a) and a third transition metal oxide (116c). The second transition metal oxide (116a) has an oxygen deficiency higher than either oxygen deficiency of the first transition metal oxide (116b) or the third transition metal oxide (116c), and the second transition metal oxide (116a) and the third transition metal oxide (116c) are in contact with the first variable resistance layer (1161).

No. of Pages : 87 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8498/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MASK COVERY ASSEMBLY

(51) International classification :A62B18/02
(31) Priority Document No :10-2009-0037303
(32) Priority Date :28/04/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KP2009/003209
Filing Date :16/06/2009
(87) International Publication No :WO 2010/126195 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)WOO, JAC JONG

(57) Abstract :

Disclosed is a mask cover assembly wherein a mask cover body is separably assembled with an exhaust valve and a mask main body, which enables replacement of the aforementioned elements. The mask main body has a semi-spherical cap form and is provided throughout the rim of an inner surface thereof with a face contact cushion member formed by pressing cotton or gauze to have a constant thickness. The mask cover body is configured to enclose the mask main body and is integrally formed at opposite lateral positions thereof with band hanger portions. The exhaust valve body is coupled to an exhaust valve mount of the mask cover body. An exhaust valve cap, an outer filter and a thin rubber plate are axially inserted into the exhaust valve body. Additionally, a coupling member is secured to the mask main body with an inner filter interposed therebetween.

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.85/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : ILLUMINATION DEVICE, DISPLAY DEVICE, AND TELEVISION RECEIVER

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-159397
(32) Priority Date	:06/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/054515
Filing Date	:17/03/2010
(87) International Publication No	:WO 2011/004637
	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)KASAI, NOBUHIRO

(57) Abstract :

A backlight unit (49) of a display device (69) including a liquid crystal display panel (59) includes a chassis (41) , a diffusion plate (43) which is supported by the chassis, and a point light source for irradiating the diffusion plate with light. The point light source includes an LED (22) mounted on a mounting substrate (21). A plurality of the LEDs are provided and respectively covered with diffusion lenses (24). Opticalaxes (OA) of the diffusion lenses are tilted relative to the diffusion plate, and the diffusion lenses having different tilts of the optical axes exist on the chassis in a mixed manner. The diffusion lenses having the optical axes which tilt in opposite directions are paired, and the pairs are arranged in a matrix.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9142/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PRIMER AND PROBE FOR DETECTING MALARIA PLASMODIUM AND DETECTION METHOD USING SAME□

(51) International classification :C12N 15/11
(31) Priority Document No :10-2009-0053608
(32) Priority Date :16/06/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/003846
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

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5)BYUN Sang-Jin

(57) Abstract :

The present invention relates to a primer and a probe for detecting malaria plasmodium and a detection method using the same, and more particularly, to a primer and a probe for detecting genes of malaria plasmodium existing in a biological sample and an environmental sample, and to a method for detecting genes of malaria plasmodium through a polymerase chain reaction using the primer and the probe. The present invention detects malaria plasmodium in a quicker and more accurate manner as compared with conventional malaria plasmodium detect on methods, and detects malaria plasmodium at one time in a real-time basis even in cases where Plasmodium falciparum, Plasmodium vivax, Plasmodium malariae and Plasmodium ovale are mixed in a sample. In addition, a dried mixture for a polymerase chain reaction, containing the primer and the probe, can be stored while maintaining the performance of the mixture the same as that of the liquid state, and therefore, can be used for a detection kit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9138/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHYL-SUBSTITUTED TETA COMPOUNDS□

(51) International classification :C07D 207/327

(31) Priority Document No :09163055.8

(32) Priority Date :18/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/058287

Filing Date :14/06/2010

(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

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5)BUSCHHAUS Boris

6)BRASCHE Gordon

7)AHRENS Sebastian

8)PFAB Peter

(57) Abstract :

The invention relates to a process for preparing triethylenetetramine substituted by at least one methyl group (Me-TETA or methyl-substituted TETA compounds). Me-TETA is prepared by hydrogenating biscyanomethylimidazolidine (BCMI) in the presence of a catalyst. The present invention further relates to methyl-substituted TETA compounds as such. The present invention further relates to the use of methyl-substituted TETA compounds as a reactant or intermediate in the production of for example coatings or adhesives.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9139/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A CATALYTIC CHEMICAL COOLANT FOR THERMAL AEROSOL AND A PREPARATION METHOD THEREOF □

(51) International classification	:A62D 1/00
(31) Priority Document No	:201010013619.8
(32) Priority Date	:19/01/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/074966
Filing Date	:03/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)GUO Hongbao

2)SONG Ruiguang

(57) Abstract :

The present invention relates to a catalytic coolant applied in thermal aerosol fire suppression apparatuses and processing method thereof. The coolant mainly comprises endothermic cooling material catalytic additive processing aid and bonding agent; compared to that in the prior art the catalytic coolant prepared from appropriate materials at appropriate proportions has high strength delivers good cooling effect and can reduce secondary impairment to the fire suppressant reduce or even eliminate toxic gases in the products of the fire suppressant and enhance environmental safety.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9140/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : AN AEROSOL FIRE SUPPRESSION APPARATUS WITH HIGH TEMPRATURE ABLATION RESISTAN□ INS□LATING LAYER AND PREPARTION METHOD THEREOF□

(51) International classification :A62C 35/02
(31) Priority Document No :200910219106.X
(32) Priority Date :20/11/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074963
Filing Date :03/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)ZHANG Sanxue
3)MA Chenggong
4)ZHANG Weipeng

(57) Abstract :

The present invention provides an aerosol fire suppression apparatus with a high temperature ablation resistant thermal insulating layer and preparation method thereof wherein the aerosol fire suppression apparatus comprises enclosure thermal insulating layer aerosol generating chemical agent cooling material and initiator. The thermal insulating layer is made of silicone rubber material comprising silicone rubber substrate cross-linking agent fire retarding agent high temperature resistant material coupling agent and catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9141/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : AN INITIATOR FOR AEROSOL FIRE SUPPRESSION APPARATUS

(51) International classification :A62C 37/10
(31) Priority Document No :200920245405.6
(32) Priority Date :20/11/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074965
Filing Date :03/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)GUO Hongbao
2)DENG Zhenping
3)ZHANG Weipeng

(57) Abstract :

The present invention relates to an initiator for aerosol fire suppression apparatus comprising piezoelectric initiation power supply unit (1) and ignition head (5). Compared to that in the prior art the initiator for aerosol fire suppression apparatus in the present invention has outstanding shelf life and anti-interference capability and are insensitive to environmental temperature humidity and electromagnetic interference with useful time much longer than the useful time of ordinary chemical batteries; in addition the initiator is flexible to use and easy to install; the elements are simple in structure compact in size and space saving. The initiator is applicable to various aerosol fire suppression apparatuses.

No. of Pages : 6 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9160/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : NETWORK COMMUNICATION APPARATUS, METHOD AND PROGRAM

(51) International classification :H04L12/56
(31) Priority Document No :2009-117049
(32) Priority Date :13/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/057921
Filing Date :28/04/2010
(87) International Publication No :WO 2010/131633
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)MATSUO, TAKAYUKI

(57) Abstract :

The present invention filters packets and reduces traffic when communication is performed with a device on a network utilizing the IPv6 protocol. To achieve this, a printer driver operating in a personal computer correlates and stores the name of the communicating party and an address for which communication actually-succeeded from among addresses that have undergone name resolution, and uses the stored address in communicating with the same communicating party from then onward.

No. of Pages : 48 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9163/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CONTROLLING RESOURCE USE IN A WIRELESS COMMUNICATIONS SYSTEM

(51) International classification :H04W74/08
(31) Priority Document No :12/483,335
(32) Priority Date :12/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038347
Filing Date :11/06/2010
(87) International Publication No :WO 2010/144826 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)THOMAS RICHARDSON

(57) Abstract :

Methods and apparatus for detecting, controlling and/or mitigating interference are described. Various embodiments are well suited to wireless communications systems in which shared communications resources are used, e.g., in a peer to peer communications systems lacking centralized control. In some embodiments, a communications device receives signals on shared communications resource, evaluates its capability to decode a received signal, and conditionally transmits an interference signal, e.g., on the shared communications resource. The interference signal is intended to cause a device transmitting on the shared communications resource to switch to a different communications resource, e.g., in response to the interference signal, so that its transmitted signal can be successfully decoded. In at least one embodiment, the shared communications resource is a peer discovery air link resource associated with a peer discovery resource identifier.

No. of Pages : 58 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9169/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEMS, METHODS, AND DEVICES FOR POLICY-BASED CONTROL AND MONITORING OF USE OF MOBILE DEVICES BY VEHICLE OPERATORS

(51) International classification	:H04M3/42
(31) Priority Document No	:61/176,640
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034151
Filing Date	:08/05/2010
(87) International Publication No	:WO 2010/129939 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)POWERS, DONALD, L.

3)BROWN, SEAN

(57) Abstract :

Systems, methods, and devices for controlling and limiting use of functions (180), such as calling, texting, chatting, emailing, Internet surfing, and similar applications, on a mobile device (150) when the mobile device (150) is in a moving vehicle (110), includes use of an on-board computer (125) installed within the vehicle (110), a transmitter (140) in electronic communication with the on-board computer (125) that periodically transmits speed data (148) of the vehicle to a receiver installed on the mobile device (150), wherein the mobile device includes suitable software (160) and a rules-based policy (170) that define and control when and which functions of the mobile device are disabled or interrupted by the software when the vehicle is in motion above a minimum threshold speed. Policies (170) are set by default but may be customized for particular individuals, devices, or circumstances. Policies may also be customized for particular groups or subgroups of employees or contractors for company or legal compliance to reduce distracted driving.

No. of Pages : 83 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9172/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A FLUID HAVING IMPROVED LUBRICITY PROPERTIES

(51) International classification :C10M 161/00
(31) Priority Document No :61/186,744
(32) Priority Date :12/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/058241
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

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2)MOORE Peter
3)MCELWAIN Mandi J.
4)ALESSI Michael L.
5)EISENBERG Boris
6)WINCIERZ Christoph

(57) Abstract :

A lubricant which contains an ester oil and a polyalkyl(meth)acrylate copolymer having in copolymerized form a C1-C4 alkyl (meth)acrylate and a C4-C4000 alkyl (meth)acrylate exhibits an improved Viscosity Index compared to a lubricant having no ester oil.

No. of Pages : 34 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9173/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PROCESS FOR PRODUCTION OF PROTEIN

(51) International classification :C12N 15/00
(31) Priority Document No :2009-140626
(32) Priority Date :11/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059881
Filing Date :10/06/2010
(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

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3)OGAWA Risa
4)TSUKAHARA Masayoshi

(57) Abstract :

This invention relates to a method for producing a protein of interest comprising introducing a protein expression vector which comprises a gene fragment a gene fragment comprising a DNA encoding a protein of interest and a selectable marker gene and transposon sequences.....

No. of Pages : 85 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9174/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMPOUND HAVING DETRUSOR MUSCLE-CONTRACTING ACTIVITY AND URETHRAL SPHINCTER MUSCLE-RELAXING ACTIVITY

(51) International classification	:C07D 277/20
(31) Priority Document No	:2009-139657
(32) Priority Date	:10/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059771
Filing Date	:09/06/2010
(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

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2)KINOSHITA Akihiro
3)MATSUYA Hidekazu
4)OKADA Hiroki

(57) Abstract :

Since a compound represented by formula (I) wherein all of the symbols are the same as defined in the specification a salt thereof a solvate thereof a prodrug thereof a mixture with a diastereomer thereof in an arbitrary ratio or a cyclodextrin clathrate thereof have a contracting activity of bladder detrusor and a relaxing activity of urethral sphincter they can ameliorate bladder contraction dysfunction and/or urethral relaxation dysfunction and for example are effective for underactive bladder.

No. of Pages : 57 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9175/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : FOLDING DISPLAY DEVICE□

(51) International classification :G09F 7/00
(3□) Priority Document No :10 2009 030 355.3
(32) Priority Date :19/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/058425
Filing Date :16/06/2010
(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

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2)SOEFFGE Friedhelm
3)TRAGATSCHNIG Joerg
4)SWATEK Alexander

(57) Abstract :

The invention relates to a foldable display device consisting of several panels arranged in parallel to each other which are movably connected with each other. In order to create a display device that may remain locally fixed there is provided that the display device is not configured simply foldable but in addition is provided with a housing device which may accommodate the display device in its folded condition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9176/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A METHOD&NBSP; APPARATUS AND COMPUTER PROGRAM FOR LOADING FILES DURING A BOOT- UP PROCESS

(51) International classification	:G06F 9/445
(31) Priority Document No	:0911337.4
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2010/052321
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

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2)Peter Hartman
3)Ian Wood

(57) Abstract :

Embodiments of the invention relate to a method, apparatus and computer program. More particularly, embodiments relate to identifying at least one new file to be loaded in a computing device during a boot-up process of said computing device. Also, determining if loading at least one of the identified new file(s) causes the computing device to crash. Also, updating a list on the computing device in dependence on whether the loading of the identified new file(s) causes the computing device to crash. Also, loading at least one file in the computing device during a boot-up process in dependence on the list, to prevent the computing device crashing during the boot-up process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9179/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : POWER SCALING FOR MULTI-CARRIER HIGH-SPEED UPLINK PACKET ACCESS

(51) International classification :H04W 52/34
(31) Priority Document No :61/218,315
(32) Priority Date :18/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/027656
Filing Date :17/03/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)BHARADWAJ Arjun

6)AGARWAL Ravi

7)SAMBHWANI Sharad Deepak

(57) Abstract :

A method for wireless communications is provided. The method includes applying independent power controls to two or more carriers from a set of high speed packet access signals. The method includes monitoring power across the two or more carriers to determine power levels for the set of high speed packet access signals. The method also includes automatically scaling at least one of the independent power controls in view of the determined power levels for the set of high speed packet access signals. The method also includes setting the minimum power offset of the data channel independently on each carrier.

No. of Pages : 50 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9181/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DEMODULATION METHOD AND SYSTEM BASED ON THE APPLICATION OF MULTI-USER MULTIPLEXED IN ONE TIME SLOT

(51) International classification	:H04W 28/00
(31) Priority Document No	:200910189124.8
(32) Priority Date	:21/12/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073370
Filing Date	:31/05/2010
(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

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(72)Name of Inventor :

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2)Feng YANG

3)Qinbo LU

(57) Abstract :

The present invention discloses a demodulation method and system based on the multi-user reusing one slot application. The method includes: obtaining a first signal to interference and noise ratio according to the strong signal transmitted in a channel which has larger impulse response power in two wireless channels (S10); performing reconstruction on said strong signal (S11); subtracting a reconstructed signal based on said strong signal from the total signal received from two wireless channels to obtain a weak signal (S12); obtaining a second signal to interference and noise ratio according to said weak signal, and judging whether said second signal to interference and noise ratio is larger than a preset first iteration threshold, if yes, performing reconstruction on said weak signal, and updating said first iteration threshold with said second signal to interference and noise ratio; otherwise, ending a current processing process; and subtracting a reconstructed signal based on said weak signal from the total signal (S15) to obtain a strong signal, and performing reconstruction on the obtained strong signal again. With the present invention, the demodulation performance of the communication system can be improved significantly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9183/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND DEVICE FOR TRIGGERING NESTED SERVICE

(51) International classification :H04M 3/42
(31) Priority Document No :200910087039.0
(32) Priority Date :15/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/072640
Filing Date :11/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)Junjun MEI

(57) Abstract :

The present invention discloses a method for triggering a nesting service, which relates to the technique of broadband service triggering and service nesting. The present invention is proposed for solving the problem that the existing nesting service occupies more system bandwidths, wherein the method includes: when receiving a call request of a nesting service in a normal service flow, determining a service key of the nesting service according to a called number of the nesting service, taking the service key as a call access object, converting the call request of the nesting service into a call access message in a service platform where a normal service is located, and triggering the nesting service in the service platform. The present invention further discloses an apparatus for implementing the previously mentioned method. The present invention reduced the bandwidth resources consumed by the nesting service, and the scheme is simple and practical.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9184/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CAPSULE SYSTEM AND METHOD FOR PREPARING A PREDETERMINED QUANTITY OF BEVERAGE SUITABLE FOR CONSUMPTION

(51) International classification :A47J 31/36
(31) Priority Document No :09162895.8
(32) Priority Date :17/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/NL2009/050822
Filing Date :30/12/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)HENDRIK CORNELIS KOELING
5)AREND CORNELIS JACOBUS BIESHEUVEL

(57) Abstract :

A capsule system and method for preparing a predetermined quantity of beverage suitable for consumption using an extractable product. The system comprises a capsule comprising a cup having a circumferential wall a bottom at a first end and a flange-like rim at a second end. The capsule further comprises a lid in use connected to the flange-like rim. The wall bottom and lid in use enclose an inner space comprising the extractable product. The cup further comprises a plurality of substantially concentric circumferential ridges extending outwardly of the cup wherein the ridges are made of the same material as the cup. The system further comprises a beverage brewing device comprising an enclosing member for enclosing the capsule. In use at least one of the ridges abuts against at least a portion of the enclosing member such that a sealing engagement between the capsule and the enclosing member is formed.

No. of Pages : 35 No. of Claims : 90

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9185/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING LATTICE VECTOR QUANTIZER CODEBOOK

(51) International classification :G01L 19/00
(31) Priority Document No :200910203499.5
(32) Priority Date :27/05/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073121
Filing Date :24/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
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(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

A method and an apparatus for generating a lattice vector quantizer codebook are disclosed. The method includes: storing an eigenvector set that includes amplitude vectors and/or length vectors, where the amplitude vectors and/or length vectors are different from each other and correspond to a root leader of a lattice vector quantizer; storing storage addresses of the amplitude vectors and length vectors, where the amplitude vectors and length vectors correspond to the root leader and are in the eigenvector set; and generating a lattice vector quantizer codebook according to the eigenvector set and the storage addresses. In the embodiments, by making use of the codebook correlation between the lattice vector quantizers of different Numbers of Code Bits (NCBs), the method or apparatus stores only the eigenvectors which vary between the lattice vector quantizers of different NCBs, thus reducing the storage overhead of the multi-rate coding lattice vector quantizer in the process of generating the codebook.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9186/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR NEGOTIATION CONTROL OF QUALITY OF SERVICE PARAMETERS

(51) International classification	:H04L 29/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2009/072049
Filing Date	:31/05/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)HU Shuhui

(57) Abstract :

A negotiation control method and apparatus of Quality of Service parameters are provided. The method includes: High Rate Packet Data Serving Gateway (HSGW) obtains static Quality of Service (QoS) parameters of user equipment (UE) wherein the static QoS parameters include static QoS parameters associated with Access Point Name (APN); the HSGW establishes Packet Data Network (PDN) connection corresponding to APN with the UE; the HSGW distributes the static QoS parameters associated with APN corresponding to the PDN to access network so as to enable the access network to perform QoS authorization for air-interface bearer establishment of the UE in accordance with the static QoS parameters associated with APN corresponding to the PDN. By using the method of embodiments of the present invention evolved Access Network (eAN) can obtain the static QoS parameters especially the static QoS parameters associated with APN to control QoS negotiation of the UE ...

No. of Pages : 36 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9187/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : BATTERY FOR WIRELESS MOBILE COMMUNICATION DEVICE

(51) International classification :H01M 2/26

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CA2009/000818

Filing Date :10/06/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

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2)HAWKER Larry Edward

3)MANKARUSE George Soliman

(57) Abstract :

A battery comprising a case an electrode assembly within the case wherein the electrode assembly includes a positive electrode and a negative electrode and positive and negative conductors electrically connected to the positive and negative electrodes respectively at a substantially similar point on the respective electrode assembly such that current flows in opposite directions through the positive and negative electrodes. The positive and negative conductors are closely routed so as to be aligned and in close proximity. As a result magnetic fields generated by the positive and negative electrodes and the positive and negative conductors are substantially cancelled.

No. of Pages : 31 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9188/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CAPSULE&NBSP; SYSTEM AND METHOD FOR PREPARING A PREDETERMINED QUANTITY OF BEVERAGE SUITABLE FOR CONSUMPTION

(51) International classification	:B65D 85/804
(31) Priority Document No	:09162895.8
(32) Priority Date	:17/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/NL2009/050814
Filing Date	:30/12/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)ANGENITA DOROTHEA POST VAN LOON
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5)AREND CORNELIS JACOBUS BIESHEUVEL

(57) Abstract :

A capsule for preparing a predetermined quantity of beverage suitable for consumption using an extractable product by means of a beverage brewing device comprising a receptacle for receiving the capsule. The capsule comprises a cup comprising a circumferential wall a bottom closing the circumferential wall at a first end and a lid in use connected to the cup at a second end of the circumferential wall opposite the bottom. The wall bottom and lid in use enclose an inner space comprising the extractable product. At least a portion of a surface of the capsule conceived to in use interact with the receptacle is provided with at least one projection for forming a sealing engagement with the receptacle.

No. of Pages : 44 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9189/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : ANTIBODIES OR FRAGMENTS THEREOF DIRECTED AGAINST A STAPHYLOCOCCUS AUREUS EPI TOPE OF ISAA OR ISAB

(51) International classification	:C07K 16/12
(31) Priority Document No	:61/179,133
(32) Priority Date	:18/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/056827
Filing Date	:18/05/2010
(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

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(57) Abstract :

The disclosure concerns antibodies or fragments thereof that are directed against a Staphy-lococcus aureus (= S. aureus) epitope a kit containing these antibodies or fragments and a hybridoma cell line which produces these antibodies.

No. of Pages : 44 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9190/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : MULTI-LINE PHASE SHIFTER FOR VERTICAL BEAM TILT-CONTROLLED ANTENNA

(51) International classification :H01P 1/18
(31) Priority Document No :10-2009-0040978
(32) Priority Date :11/05/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/002993
Filing Date :11/05/2010
(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

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3)In-Ho KIM
4)Kwang-Seok CHOI

(57) Abstract :

A Multi-Line Phase Shifter (MLPS) for a vertical beam tilt-controlled antenna is provided in which a housing is shaped into an elongated rectangular box a fixed plate is attached on an inner bottom surface of the housing and has transmission lines printed thereon the transmission lines forming part of a plurality of phase shifting patterns and a plurality of signal division patterns for dividing an input signal and shifting phases of divided signals and a mobile plate is installed within the housing movably along a length direction at a position where the mobile plate contacts a surface of the fixed plate and has transmission lines printed thereon the transmission lines forming a remaining part of the plurality of phase shifting patterns for phase shifting by forming variable lines through coupling with the part of the plurality of phase shifting patterns.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9195/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A MOTOR CONTROLLER AND RELATED METHOD

(51) International classification	:G05F 1/70
(31) Priority Document No	:0908111.8
(32) Priority Date	:12/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000928
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

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(57) Abstract :

The present invention relates to a motor controller and related method. The invention is particularly well suited for use with an alternating current (AC) induction motor. Previously motor controllers did not take into account the combined effect a control circuit and controlled motor had upon a mains supply and more particularly their separate and combined effect upon the power factor of an alternating current. The invention solves this problem by providing a motor controller which modifies an input current to an alternating current (AC) motor. The motor controller comprises: a power input rectifier; a low voltage power supply; a variable output voltage circuit for adjusting a drive output voltage circuit; and a control circuit arranged to control the variable output voltage circuit and to provide timed waveforms to the drive output voltage circuit.

No. of Pages : 69 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9144/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DISPLAY DEVICE

(51) International classification	:G02F1/15
(31) Priority Document No	:0909778.3
(32) Priority Date	:08/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050941
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/142976 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)THOMAS, DAVID STEPHEN

2)BENTLEY, PHILIP GARETH

(57) Abstract :

A display device comprises a first insulating substrate (10) carrying on one surface thereof a first electrically conductive material (12) constituting a first electrode; a second electrically conductive material (16) constituting a second electrode disposed in opposed relation to the first electrically conductive material and spaced therefrom; and an electrolyte providing a conductive pathway between the first and second electrically conductive materials. In use of the device, a potential difference is applied between the first and second electrically conductive materials, causing the first material to be fully removed from the first substrate selectively in one or more regions where the first and second materials are directly opposed, thus forming a detectable image. Because the first material has been fully removed from one or more regions of the first substrate, and because the first sub -strate is not electrically conductive, the process is not reversible and so results in a fixed display. This constitutes a permanent record that is not dependent on elecirical power, unlike, say, an LCD. The display produced on the device of the invention is thus irreversible and permanent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9157/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : IMAGE PICKUP APPARATUS

(51) International classification	:H04N5/232
(31) Priority Document No	:2009-115592
(32) Priority Date	:12/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057316
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/131561
	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)OIKAWA, MAKOTO

(57) Abstract :

The invention provides an image pickup apparatus with a blur correcting unit which has a display function of causing a photographer to easily confirm a photographed image. The image pickup apparatus includes photographing lens which forms an object image, a photoelectric conversion unit which is disposed on a predicted image plane of the photographing lens, a display unit which displays a photographed image obtained by the photoelectric conversion unit, an image display control unit which displays the photographed image by the display unit after the photographed image is obtained by the photoelectric conversion unit, a distance information acquiring unit which obtains distance information in the photographed image, and a blur correcting unit which performs blur correction on the photographed image based on the distance information obtained by the distance information acquiring unit. The image display control unit displays the photographed image where plural distances in the photographed image are focused.

No. of Pages : 70 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9206/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : RADIO COMMUNICATION TERMINAL AND RADIO COMMUNICATION METHOD

(51) International classification :H04W36/00
(31) Priority Document No :2009-139294
(32) Priority Date :10/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/003887
Filing Date :10/06/2010
(87) International Publication No :WO 2010/143445
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)IMAMURA, DAICHI
6)MIYOSHI, KENICHI

(57) Abstract :

Provided is a radio communication terminal which is capable of measuring quality in communication with a handover destination with high accuracy. The radio communication terminal is capable of communicating with a base station or a relay node, and includes: a receiver which receives control information including information relating to measurement of measuring quality of a neighbor cell; an extractor which extracts information on a subframe where the measurement should be performed, which is a subframe where only transmission of a signal from the relay node connected to the base station is performed, from the information relating to the measurement; a measurement section which performs the measurement, on a subframe basis, based on the extracted information on the subframe where the measurement should be performed; and a transmitter which transmits a result of the measurement to the base station or the relay node.

No. of Pages : 50 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9234/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :10/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : AUTOMATED MICROBIAL DETECTION APPARATUS

(51) International classification :G01N 35/04
(31) Priority Document No :61/216,339
(32) Priority Date :15/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/034857
Filing Date :14/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
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7)GUERRA Lawrence

8)HERRON Michae A.

9)AMMERMAN Mike

10)BERGOLD Ron

11)SCHERER Andrew

12)VALENTINO Anthony

(57) Abstract :

A method and automated apparatus for rapid non-invasive detection of a microbial agent in a test sample is described herein. The apparatus may include one or more means for automated loading automated transfer and/or automated unloading of a specimen container. The apparatus also includes a detection system for receiving a detection container e.g. container or vial containing a biological sample and culture media. The detection system may also include one or more heated sources holding structures or racks and/or a detection unit for monitoring and/or interrogating the specimen container to detect whether the container is positive for the presence of a microbial agent therein. In other embodiment the automated instrument may include one or more bar code readers scanners cameras and/or weighing stations to aid in scanning reading imaging and weighing of specimen containers within the system.

No. of Pages : 93 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9221/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SEQUENTIAL MESSAGE DELIVERY FOR FDA PROCESSING AND STORE-AND-FORWARD PROCESSING

(51) International classification	:H04L12/58
(31) Priority Document No	:12/489,994
(32) Priority Date	:23/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037678
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/151423 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)ALAN CURTIS
3)SHAUMIR SHAH
4)GYAN SHANKER

(57) Abstract :

Systems and methods are disclosed for delivering text messages using both First Delivery Attempt, FDA, processing and store-and-forward processing. A message system (124) in one embodiment includes a message processor (132) that receives a text message intended for a destination (112), and determines whether a prior text message is pending in a store- and-forward system (136) for the destination (112). If a prior text message is not pending, then the message processor (132) forwards the received text message to a FDA system (134) for FDA processing. If a prior text message is pending, then the message processor (132) forwards the received text message to the store-and-forward system (136) for store- and-forward processing. The store-and-forward system (136) will deliver the prior text message to the destination (112) before the received text message so that the text messages are delivered in the proper sequence.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9223/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND PROGRAM FOR INITIATING A SECOND SERVICE IN DEPENDENCY OF A FIRST SERVICE

(51) International classification	:G06F9/44
(31) Priority Document No	:61/219,577
(32) Priority Date	:23/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/003539
Filing Date	:14/06/2010
(87) International Publication No	:WO 2010/149285
	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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1)EDGAR PFORR

(57) Abstract :

The present invention relates to a method for initiating a second service in dependency of a first service using individually configured event-driven state- machines comprising the steps of executing a first service in a first communication space, transmitting a first event to an operator unit in dependency of the first service, triggering a first event-driven state-machine of the operator unit by the first event, generating a second event by the first event-driven state-machine, transmitting the second event to the first communication space and/or to a second communication space and initiating a second service in the first and/or in the second communication space by the second event, wherein the first event-driven state-machine is pushed from an internet server to the operator unit by a second event-driven state-machine and wherein at least the first event-driven state-machine is individually configured by a user for initiating the second event in dependency of the first event.

No. of Pages : 50 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9229/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : HETEROCYCLIC ANTIVIRAL COMPOUNDS

(51) International classification :C07D213/69
(31) Priority Document No :61/185,460
(32) Priority Date :09/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/057958
Filing Date :08/06/2010
(87) International Publication No :WO 2010/142656
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)TAYGERLY, JOSHUA PAUL GERGELY

(57) Abstract :

Compounds having the formula I wherein wherein R1, R2, R3, R4, X1, X2, X3 and X4 and as defined herein are Hepatitis C virus NS5b polymerase inhibitors. Also disclosed are compositions and methods for treating an HCV infection and inhibiting HCV replication.

No. of Pages : 119 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9232/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHODS AND APPARATUS FOR MANAGING MOBILE HANDOVER

(51) International classification :H04W 36/14
(31) Priority Document No :61/186,789
(32) Priority Date :12/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/000861
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

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3)NAQVI Noushad

(57) Abstract :

Methods and apparatus to manage mobile handover are disclosed. An example mobile station includes hardware and software stored on a tangible computer readable medium that during operation cause the mobile station to receive from a network controller a response to a network registration request wherein the response includes an indicator to indicate a type of cell that may be reported by the mobile station during a handover procedure and send a handover message indicating cells permitted by the indicator.

No. of Pages : 46 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9250/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(□4) Title of the invention : PHARMACEUTICAL COMPOSITION HAVING IMPROVED SOLUBILITY□

(51) International classification :A61K 31/444
(31) Priority Document No :2009-145112
(32) Priority Date :18/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/060261
Filing Date :17/06/2010
(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

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(57) Abstract :

It is desired to provide a pharmaceutical composition containing a compound represented by formula (I) or a pharmacologically acceptable salt thereof or a solvate thereof which exhibits an inhibitory effect on activated blood coagulation factor X (FXa) and is useful as an agent for preventing and/or treating thrombosis wherein the pharmaceutical composition exhibits favorable dissolution properties. The present invention relates to a solid pharmaceutical composition containing a compound represented by formula (I) or a pharmacologically acceptable salt thereof or a solvate thereof wherein the content of the compound represented by formula (I) is 0.5% by weight or more and less than 15% by weight with respect to the total weight of the pharmaceutical composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9235/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :10/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR PRODUCING STEAM USING SOLAR RADIATION

(51) International classification :F22B 35/16
(31) Priority Document No :61/216,253
(32) Priority Date :15/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/035022
Filing Date :14/05/2010
(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

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4)HANSON Robert J.

(57) Abstract :

Methods and systems for generating steam using solar energy are provided here. The methods and systems can be used to generate steam of a desired quality, e.g. about 70%, or superheated steam. Some methods for producing steam of a desired quality comprise flowing water into an inlet of receiver in a linear Fresnel reflector system, wherein the receiver comprises multiple parallel tubes t_l connected in parallel, and $i=l,k$, and irradiating each tube t_l along its respective length L_1 with solar radiation so that solar radiation absorbed at each tube generates thermal input along its length and so that water begins to boil in at least one of the tubes at a point X_1 along its length. The methods comprise using one or more temperatures T_1 in an economizer region of a tube t_l or one or more changes in length of the tubes as input to a controller that controls mass flow of water into each of the multiple tubes, thereby controlling quality of steam exiting the receiver.

No. of Pages : 81 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9236/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :10/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR MANAGING THE ORDER OF MESSAGES

(51) International classification :G06F 9/46
(31) Priority Document No :09305450.0
(32) Priority Date :18/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/056013
Filing Date :04/05/2010
(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

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(72)Name of Inventor :

1)CADORET Marion

2)PENAUD Agnes

3)Poulouin David

(57) Abstract :

A method of ordering a plurality of messages received from a sender to be sent to a receiver in a sequence based on the dependency of one message on one or more other messages, the method comprising the steps of: receiving one or more messages from a stream of messages and storing them in a database; identifying a characteristic (P-Key- Order) of each message which is common to a group of messages; identifying a message dependency for the messages in the group of messages from a parameter of the message; reviewing a particular stored message in the database to determine if the stored message can be sent by; determining whether the stored message is dependent on a previous message and determining a status of the previous message; updating the status of the stored message based on the status of the previous message; sending the stored message after acknowledgement that the previous message has been sent.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9237/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MULTI-FREQUENCY PILOT SIGNALS

(51) International classification :H04B 1/707

(31) Priority Document No :61/186,152

(32) Priority Date :11/06/2009

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

(86) International Application No :PCT/US2010/038431

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

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1)QUALCOMM Incorporated

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UNITED STATES OF AMERICA

(72)Name of Inventor :

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2)YAVUZ Mehmet

(57) Abstract :

An access point is identified based on pilot signal information that appears on different frequencies. Here a combination of one or more pilot PN spreading codes or one or more PN offsets on different frequencies are used to uniquely identify an access point. For example upon receipt of a pilot measurement report a network entity may uniquely identify an access point that transmitted the pilot signals based on at least one pilot PN spreading code or at least one PN offset and a plurality of frequencies identified by the report. Also to facilitate acquiring this information a network entity may request an access terminal to conduct an inter-frequency search for pilot signals. Also an access terminal may maintain pilot information corresponding to access points in a network and use this information to autonomously conduct inter-frequency searches for pilot signals.

No. of Pages : 81 No. of Claims : 73

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9238/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND APPARATUS THAT FACILITATES MEASUREMENT PROCEDURES IN MULTICARRIER OPERATION

(51) International classification	:H04W 36/00
(31) Priority Document No	:61/218,850
(32) Priority Date	:19/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039369
Filing Date	:21/06/2010
(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 :**
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1)KITAZOE Masato
2)PALANKI Ravi
3)JI Tingfang
4)TENNY Nathan Edward

(57) Abstract :

Aspects directed towards measurement procedures in multicarrier operation are disclosed. In a particular aspect a wireless terminal selects a subset of cells which include at least one serving cell and at least one non-serving cell. The subset of cells are then evaluated by obtaining a first measurement associated with the at least one serving cell and a second measurement associated with the at least one non-serving cell. A measurement event occurrence which is based on a comparison between the first measurement and the second measurement is then monitored. An occurrence of the measurement event triggers a measurement report transmission which the network then uses to perform handovers. Other disclosed embodiments are directed towards placing a reception band which include identifying a set of assigned component carriers and placing a reception band within the system bandwidth so that the placement overlaps with at least a portion of the assigned component carriers.

No. of Pages : 69 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9267/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM, WIRELESS COMMUNICATION METHOD, TERMINAL APPARATUS, AND COMMUNICATION APPARATUS

(51) International classification	:H04W72/04
(31) Priority Document No	:2009-125408
(32) Priority Date	:25/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003360
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/137259
	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)FUKUMOTO, SHUSAKU

2)ISHIKURA, KATSUTOSHI

3)SAWADA, SHINICHI

4)KOBAYASHI, HIROKAZU

(57) Abstract :

A wireless communication system includes at least one terminal apparatus and one communication apparatus which perform communication in a plurality of frequency bands. The terminal apparatus includes: a function information storing unit which pre-stores frequency band information indicating available frequency bands among the plurality of frequency bands and the number of simultaneously available frequency bands; and a terminal control unit which reads the frequency band information stored in the function information storing unit and transmits the read frequency band information to the communication apparatus via a first wireless communication unit. The communication apparatus includes: a base station control unit which selects at least one frequency band from the plurality of frequency bands based on the frequency band information transmitted from the terminal apparatus; and a second wireless communication unit which communicates with the terminal apparatus by use of the frequency band selected by the base station control unit.

No. of Pages : 39 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9276/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR DETOXIFICATION OF LIPOPOLYSACCHARIDE (LPS) OR OF LIPID A OF GRAM-NEGATIVE BACTERIA

(51) International classification :A61P31/04

(31) Priority Document No :0902331

(32) Priority Date :14/05/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/000366

Filing Date :12/05/2010

(87) International Publication No :WO 2010/130897

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)DALENCON, FRANCOIS

3)MOREAU, MONIQUE

4)MISTRETTA, NOELLE

(57) Abstract :

The subject matter of the invention is a method for detoxification of lipopolysaccharide (LPS) or of lipid A of a gram-negative bacterium, in which the LPS or the lipid A is mixed with a cationic lipid and, optionally, a co-lipid, so as to form a complex in which the LPS or the lipid A is associated with the cationic lipid. According to conventional methods of preparation, the cationic lipid with the co-lipid, if the latter is present, develop(s) a structure in the form of complexes, inter alia in the form of liposomes. During the preparation of the lipid complexes, the addition of the LPS or of the lipid A results in the association of the latter with the cationic lipid, in which association the LPS or the lipid A happens to be substantially detoxified. The LPS or the lipid A detoxified in this form can then be used as a vaccine antigen or as an adjuvant.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9295/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD&NBSP; APPARATUS AND COMPUTER PROGRAM PRODUCT FOR CREATING GRAPHICAL OBJECTS WITH DESIRED PHYSICAL FEATURES FOR USAGE IN ANIMATIONS

(51) International classification :G06T 13/00

(31) Priority Document No :12/467,659

(32) Priority Date :18/05/2009

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

(86) International Application No :PCT/IB2010/001151

Filing Date :17/05/2010

(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

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1)Kun Yu

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(57) Abstract :

Attached

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9296/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : DOSAGE FORM

(51) International classification	:A61K 9/20
(31) Priority Document No	:0909680.1
(32) Priority Date	:05/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050948
Filing Date	:07/06/2010
(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

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(72)Name of Inventor :
1)MOHAMMAD Hassan

(57) Abstract :

The present invention provides a dosage form particularly a tamper resistant dosage form comprising: melt-extruded particulates comprising a drug; and a matrix; wherein said melt-extruded particulates are present as a discontinuous phase in said matrix.

No. of Pages : 59 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9297/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND SYSTEM OF SPLITTING AND MERGING INFORMATION SPACES

(51) International classification :G06F 17/30

(31) Priority Document No :12/474,576

(32) Priority Date :29/05/2009

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

(86) International Application No :PCT/FI2010/050393

Filing Date :17/05/2010

(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

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(72)Name of Inventor :

1)Ian Oliver

2)Sergey Boldyrev

3)Sergey Balandin

(57) Abstract :

An approach is provided for managing split operation for information spaces with respect to their information content. An information space that is represented by a graph is retrieved (131); a request to split the information space into a first new information space and a second new information space is received (133); one or more broken links of the graph is determined (135); one or more nodes of the graph that are to be grounded is identified (137); the graph is grounded based on the identified nodes (139); a first set of rules for the first new information space and a second set of rules for the second new rules for the information space are created (141); a first boundary for the first new information space and a second boundary for the second new information space along the broken links are defined (143); and history of the first new information space and history of the second new information space are updated based on the respective boundaries (145). A respective approach for managing merge operation for information spaces is also provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9239/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : APPARATUS AND METHOD FOR DYNAMIC SCALING OF ADC SAMPLING RATE TO AVOID RECEIVER INTERFERENCE

(51) International classification	:H04B 1/28
(31) Priority Document No	:61/186,308
(32) Priority Date	:11/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038392
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

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(72)Name of Inventor :

1)PALS Timothy Paul

2)LAU Soon-Seng

3)MATHE Lennart K.

(57) Abstract :

A method and apparatus for avoiding receiver interference is described herein. One or more potential interferers are determined and the frequency associated with the interferers is also determined. A desired sampling frequency for the receiver is calculated to avoid the potential interferers.

No. of Pages : 35 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9240/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : INTERACTIVE GIFTING SYSTEM AND METHOD

(51) International classification :G06Q 30/00
(31) Priority Document No :12/464,740
(32) Priority Date :12/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/034561
Filing Date :12/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)WILEN Richard
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(57) Abstract :

A method and system for gifting using interactive multimedia and a gifting system. The gifting system can include a gift card, a website for redeeming the gift card, a plurality of gift representations corresponding to actual gift items, and means for advertising additional retail products or services to consumers. The gift card can also include a greeting card and a unique card identifier associated with the user. The methods and systems can be used to advertise products to consumers, which can be purchased for personal use or for gifting. The system can be used to direct consumers to a card issuerTMs website. The system can include a customizable avatar to read aloud text converted to an audio speech file that relates to the gift item. The system can also include a game in which points redeemable for gift items are awarded to the websiteTMs users for answering advertisement-related questions correctly.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9242/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DYNAMIC LOAD BENCH

(51) International classification :G01M 13/02

(31) Priority Document No :0902860

(32) Priority Date :12/06/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/000416

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

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(72)Name of Inventor :

1)ROSSI Rinaldo Jean Constantino

(57) Abstract :

The invention relates to a load bench for applying on the rotary shaft (3) of a device to be tested (4) such as an actuator or the like radial loads variable torques provided by controlled reproduction means (2). Advantageously the controlled reproduction means (2) include two identical reproduction modules (5 6) arranged in parallel and symmetrically relative to the rotary shaft (3) to be tested each of which comprises a torque motor (8 9) a torsion rod (10 11) and a connecting rod-crank connection (12 13 14) connecting the torsion rod to the rotary shaft (3) of the mechanism to be tested.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9243/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SMOKING ARTICLE

(51) International classification :A24C 5/47
(31) Priority Document No :0910198.1
(32) Priority Date :12/06/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2010/056091
Filing Date :05/05/2010
(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

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WC2R 3LA United Kingdom
(72)**Name of Inventor :**
1)SUTTON Joseph Peter

(57) Abstract :

A smoking article (10) comprises a rod (12) of smokeable material and a filter (14) attached to one end of the rod. The filter comprises an elongate body of filter material (16) wrapped with a transparent plug wrap (18). A first tipping wrapper (20a) overlies the join between the rod and the filter to attach the filter to the rod. At least one additional tipping wrapper (20b) is provided around the filter spaced from and separate to the first tipping wrapper such that a portion of the transparent plug wrap is exposed between the first and at least one additional tipping wrapper to define a window portion (22) through which the filter material is visible. A method of producing such a smoking article is also disclosed

No. of Pages : 23 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9245/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMPOSITION INCLUDING A COPOLYAMIDE AND A CROSS-LINKED POLYOLEFIN

(51) International classification	:C08L 77/06	(71)Name of Applicant :
(31) Priority Document No	:PCT/FR2009/051565	1)ARKEMA FRANCE
(32) Priority Date	:06/08/2009	Address of Applicant :420 rue dEstienne dOrves F-92700
(33) Name of priority country	France	Colombes France.
(86) International Application No	:PCT/FR2010/051659	(72)Name of Inventor :
Filing Date	:05/08/2010	1)BLONDEL Philippe
(87) International Publication No	: NA	2)BRIFFAUD Thierry
(61) Patent of Addition to Application Number	:NA	3)FERREIRO Vincent
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a composition including: 45 to 95 wt % of a semi-aromatic copolyamide containing at least two separate units having the following general formulation: A/X.T where A is selected from among a unit obtained from an amino acid a unit obtained from a lactam and a unit having the formula (diamine in Ca).(diacid in Cb) and XT denotes a unit obtained from the polycondensation of a diamine in Cx and from terephthalic acid with x being the number of carbon atoms of the diamine in Cx said copolyamide having a polymolecularity index noted Ip of less than or equal to 3.5 measured by gel permeation chromatography and an amino chain end content of between 0.020 meg/g and 0.058 meg/g; and 5 to 55 wt % of at least one cross-linked polyolefin. The invention also relates to a method for preparing said composition and to the uses thereof.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9298/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : NOZZLE FOR A LIQUID-COOLED PLASMA TORCH AND PLASMA TORCH HEAD HAVING THE SAME□

(51) International classification	:H05H 1/28
(□1) Priority Document No	:10 2009 031 857.7
(32) Priority Date	:03/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/000608
Filing Date	:31/05/2010
(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

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2)Frank LAURISCH

3)Timo GRUNDKE

(57) Abstract :

A nozzle for a liquid-cooled plasma torch comprising a nozzle bore for the exit of a plasma gas jet at a nozzle tip a first portion, the outer surface of which is substantially cylindrical and a second portion adjacent thereto towards the nozzle tip the outer surface of which tapers substantially conically towards the nozzle tip wherein at least one liquid supply groove and/or at least one liquid return groove is/are provided and extend over the second portion in the outer surface of the nozzle (4) towards the nozzle tip and wherein the liquid supply groove or at least one of the liquid supply grooves and/or a liquid return groove or at least one of the liquid return grooves also extends/extend over part of the first portion and there is in the first portion at ...

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9299/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM AND METHODS FOR RAPID IDENTIFICATION AND/OR CHARACTERIZATION OF A MICROBIAL AGENT IN A SAMPLE

(51) International classification :G01N 33/50

(31) Priority Document No :61/216,339

(32) Priority Date :15/05/2009

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

(86) International Application No :PCT/US2010/034987

Filing Date :14/05/2010

(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

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3)RONSICK Christopher S.

4)WALSH John D.

5)HYMAN Jones

6)CLAY Bradford

(57) Abstract :

A method of testing a specimen sample contained within a sealed specimen container. A test sample is removed from the specimen container with a disposable sampling device. Non-microbial agent components of the test sample are lysed thereby producing a lysed sample. The lysed sample is delivered to a disposable separation device. A microbial agent present in test sample is concentrated within the disposable separation device. The concentrated microbial agent is interrogated e.g. spectroscopically.

No. of Pages : 152 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9300/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MOULD SYSTEM AND METHOD FOR OPERATING SAID SYSTEM□

(51) International classification :B29C 33/30

(31) Priority Document No :09162162.3

(32) Priority Date :08/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/NL2010/050344

□ Filing Date :07/06/2010

(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

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(57) Abstract :

A mould system for manufacturing a fiber reinforced plastic product comprises a mould plate an upstanding structure on top of the mould plate as well as a support device. The mould plate is deformable according to bending and/or torsion into deformed out-of-plane shapes. The upstanding structure is deformable according to the mould plate deformation said mould plate and upstanding structure defining a circumferentially closed mould area and said support device comprising multiple supports which interact with the mould plate and a base beneath the mould plate. The supports are adjustable for providing said deformed shapes of the mould plate and the upstanding structure.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9301/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CONSTRUCTION PROP

(51) International classification :E04G 25/06
(31) Priority Document No :2002948
(32) Priority Date :29/05/2009
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2010/050324
Filing Date :28/05/2010
(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

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1)BRINKMANN FRANCISCUS JOZEF LEONARDUS HUBERTUS

(57) Abstract :

Construction prop provided with an outer pipe with a longitudinal central axis a foot at a lower end of the outer pipe a screw thread adjacent an upper end of the outer pipe two slotted holes which are located at the screw thread and which extend in a direction parallel to the longitudinal central axis and which are provided diametrically relative to each other in the outer pipe wherein an inner pipe is slideably received in the outer pipe and is provided with a series of pairs of holes which are arranged over a part of the length of the inner pipe while the two holes of each of the pairs of holes are disposed diametrically relative to each other in the inner pipe wherein in the outer pipe which is of thin-walled design a reinforcing pipe part is included at the screw thread.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9303/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A NOVEL AGING-RESISTANT AEROSOL GENERATING AGENT AND A PREPARATION METHOD THEREOF □

(51) International Classification :A62D 1/06
(31) Priority Document No □201010013618.3
(32) Priority Date :19/01/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074967
Filing Date :03/07/2010
(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)SHAANXI J & R FIRE FIGHTING CO. LTD
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710075 China
(72)Name of Inventor :
1)GUO Hongbao
2)ZHENG Gaofeng
3)ZHANG Weipeng

(57) Abstract :

The present invention relates to a novel aging-resistant aerosol generating agent and preparation method thereof. The aging-resistant aerosol generating agent in the present invention comprises oxidizer, reducer and bonding agent, wherein the oxidizer is potassium nitrate, the bonding agent is phenolic resin, and the reducer is melamine; the weight percentages of the three constituents are: potassium nitrate: 6080%, phenolic resin: 815%, and melamine: the rest. In the preparation process, phenolic resin is dissolved in ethanol to give phenolic resin solution at concentration by 4050 wt%; the oxidizer and reducer are pulverized, mixed, and then the phenolic resin solution is added to the mixed powder; next, the mixture is agitated, pelletized, dried, and shaped by pressure molding. Compared to that in the prior art, the aerosol generating agent in the present invention has higher fire suppression efficiency and higher fire suppression rate. and greatly improved aging resistant performance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9119/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TERMINAL ACCESS

(51) International classification :H04W 48/02
(31) Priority Document No :200910222939.1
(32) Priority Date :23/11/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/078823
Filing Date :17/11/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Fengyan DAI
2)Yun CAO

(57) Abstract :

The present invention discloses a method for terminal access and this method includes: receiving an access request sent by a terminal; analyzing the access request to obtain a service type of the terminal; determining a number of residual equivalent users according to a difference between an access equivalent user number threshold corresponding to the service type of the terminal currently and a number of accessed terminals; and determining whether to respond to the access request according to the number of the residual equivalent users and a preset minimum residual equivalent user threshold. The present invention further discloses an apparatus for accessing the terminal. With the present invention dynamic variation of the wireless environment can be adapted QoS with higher quality can be provided for the users and the experience and the feeling of the users are improved.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9319/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD, SYSTEM AND APPARATUS FOR IMPLEMENTING WEB GAME

(51) International classification :H04L12/58
(31) Priority Document No :200910085606.9
(32) Priority Date :26/05/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/075783
Filing Date :21/12/2009
(87) International Publication No :WO 2010/135896 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)HAN, XIAOWEI

(57) Abstract :

Embodiments of the present invention provide a method and system for implementing a web game, relating to network communication technologies. The method includes: authenticating a user logging on a web game via an IM client of the user; obtaining web game information of the user and sending the web game information to an IM client of a contact of the user to make the IM client of the contact generate an IM message comprising the web game information and inform the contact of the user of the IM message generated. The system includes an IM client of a user, a server and an IM client of a contact of the user. The apparatus includes a logon module and an obtain module. Embodiments of the present invention adopts the IM as the carrier of the web game, thus solves the problem that conventional web games based on a SNS community can not perform real time informing and users can not stay online for a long time. Meanwhile, the system provides a tighter relation chain and more implementation forms for the web game, and can improve the service experience of users.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9326/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : VERIFICATION OF PORTABLE CONSUMER DEVICES

(51) International classification :G06Q20/00
(31) Priority Document No :61/178,636
(32) Priority Date :15/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/034960
Filing Date :14/05/2010
(87) International Publication No :WO 2010/132808 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)HAMMAD, AYMAN

(57) Abstract :

Apparatuses, methods, and systems pertaining to the verification of portable consumer devices are disclosed. In one implementation, a verification token is coupled to a computer by a USB connection so as to use the computer's networking facilities. The verification token reads identification information from a user's portable consumer device (e.g., credit card) and sends the information to a validation entry over a communications network using the computer's networking facilities. The validation entity applies one or more validation tests to the information that it receives from the verification token. If a selected number of tests are passed, the validation entity sends a device verification value to the verification token, and optionally to a payment processing network. The verification token may enter the device verification value into a CW field of a web page appearing on the computer's display, or may display the value to the user using the computer's display.

No. of Pages : 83 No. of Claims : 74

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9329/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PROCESS FOR MANUFACTURING OF A FERMENTED DAIRY PRODUCT□

(51) International classification :A23C 9/123

(31) Priority Document No :09305510.1

(32) Priority Date :03/06/2009

(33) Name of priority country :EPO

(□6) International Application No :PCT/EP2010/05□790

Filing Date :03/06/2010

(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

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(72)Name of Inventor :

1)ROBICHON Florence

2)LECANU Bruno

3)BEZENER Marie-Claude

4)PEYRAUD Laurence

5)AIT ABDERRAHIM Hassina

6)ODINOT Jean-Marie

(57) Abstract :

The present invention relates to a process for manufacturing fermented dairy products in particular stirred milk products. The invention concerns a process for the manufacture of a fermented dairy product without any cooling step for stopping fermentation due to the use of a weakly post-acidifying lactic bacterium culture as a starter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9305/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SHIFT REGISTER AND DISPLAY DEVICE

(51) International classification	:G11C19/28
(31) Priority Document No	:142555/2009
(32) Priority Date	:15/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/001129
Filing Date	:22/02/2010
(87) International Publication No	:WO 2010/146738
	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)MASASHI YONEMARU
2)MASAHIKO NAKAMIZO

(57) Abstract :

Disclosed are a shift register and a display device which can suppress noise of output of each stage without causing an increase in circuit scale. Each stage (Xi) of the shift register includes a first output transistor (M5), a second output transistor (M7), a first capacitor (C1), a second capacitor (C2), an input gate (M1), a first switching element (M2), a second switching element (M3), a third switching element (M4), a fourth switching element (M6), and a fifth switching element (M8).

No. of Pages : 101 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9352/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : IDENTIFICATION&NBSP; OPTIMIZATION AND USE OF SHARED HLA-B0702 EPITOPES FOR IMMUNOTHERAPY□

(51) International classification :C07K 14/47

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IB2009/006332

Filing Date :09/06/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KOSMATOPOULOS Kostantinos (Kostas)

2)MENEZ-JAMET Jeanne

(57) Abstract :

The present invention provides novel methods and materials for efficiently treating patients having an HLA-B0702 phenotype based on peptides representing shared epitopes of tumour antigens. In particular the invention relates to a method for identifying a HLA-B0702-restricted peptide which can trigger a cytotoxic response against several antigens from one single multigenic family and to several such epitopes.

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9353/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : LINK AGGREGATION METHODS AND APPARATUS

(51) International classification	:H04L 29/06
(31) Priority Document No	:200910143056.1
(32) Priority Date	:25/05/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073235
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)ZTE CORPORATION
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(72)**Name of Inventor :**
1)WEI Xiaoqiang

(57) Abstract :

The present invention discloses a link aggregation method and an apparatus. In the above method at least one physical link which corresponds to a same remote network element is aggregated into one logical link. The above method includes: obtaining remote network element information for each physical link of the current network element wherein the remote network element information is related to identification information of a remote network element which corresponds to the physical link; and aggregating at least one physical link which corresponds to respective remote network element information related to the same identification information into one logical link. According to the technical solution provided by the present invention it can reduce the realization cost of link aggregation and increase the versatility of the link aggregation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9354/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR DELIVERY A FLUID TO A PATIENT HAVING WIRELESS COMMUNICATION

(51) International classification	:G06F 19/00
(31) Priority Document No	:12/498,301
(32) Priority Date	:06/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040661
Filing Date	:30/06/2010
(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 :

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(72)Name of Inventor :

1)ROBERT D. BUTTERFIELD

(57) Abstract :

A fluid delivery system includes a disposable portion and a non-disposable portion configured to communicate with each other wirelessly. The disposable portion includes electrical elements such as one or more sensors configured to be in sensing proximity of fluid a processor a memory and a transceiver. The transceiver is configured to receive radio frequency energy from a transmitter located on the non-disposable portion and power the electrical elements on the disposable portion. The non-disposable portion wirelessly controls the disposable portion during a fluid delivery session by programming operational parameters and monitoring fluid delivery measurements over the wireless communication link.

No. of Pages : 25 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9356/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : ONE-PLY TWO-SIDED THERMAL IMAGING LABELS

(51) International classification :G09F 3/02
(31) Priority Document No :12/655,011
(32) Priority Date :22/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061336
Filing Date :20/12/2010
(87) International Publication No :WO 2011/087761 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)VANDEMARK, MICHAEL

(57) Abstract :

A print media representing a label is constructed having two components. A first component is capable of being thermally imaged on both a front and back side of the print media. The second component is affixed to the first component but capable of being separated there from. Also, the second component includes adhesive material along a portion of its backside to adhere the print media to an object.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9248/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54)□Title of the invention : WATER-BASED LUBRICANT FOR PLASTIC PROCESSING HAVING EXCELLENT CORROSION RESISTANCE A□D METAL MATERIAL HAVING EXCELLENT PLASTIC PROCESSABILITY□

(51) International classification	:C10M 173/02
(31) Priority Document No	□2009-153494
(32) Priority Date	:29/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004256
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

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1)HATASAKI Kosuke
2)HARA Masumi
3)SERITA Atsushi
4)FUJIWAKI Takeshi
5)TANAKA Masanobu

(57) Abstract :

[Problem] To provide a water-based lubricant for plastic working excellent in moisture absorption resistance and corrosion resistance, with which degradation in lubricating performances such as lubricity, workability and seizure resistance may not occur even under high-temperature/ high humidity environments. [Means of Solving] A water-based lubricant for plastic working, comprising a resin component containing a copolymer or homopolymer of monomers having an ethylenically unsaturated bond, including at least maleic anhydride (A), an inorganic component (B), and a solid lubricating component (C), wherein maleic anhydride moieties of the resin component (A) are blocked with a nitrogencontaining compound at a blocking ratio of 10 to 80%, and unblocked maleic anhydride moieties are neutralized with an alkaline component at a degree of neutralization of 40 to 100%.

No. of Pages : 49 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9370/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SUBCUTANEOUS PIEZOELECTRIC BONE CONDUCTION HEARING AID ACTUATOR AND SYSTEM□

(51) International classification :A61F 11/04

(31) Priority Document No :61/185,309

(32) Priority Date :09/06/2009

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

(86) International Application No :PCT/CA2010/000845

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

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(72)Name of Inventor :

1)ADAMSON Robert Bruce Alexander

2)BROWN Jeremy A.

3)BANCE Manohar

(57) Abstract :

An implantable bone-conduction hearing actuator based on a piezoelectric element such as a unimorph or bimorph cantilever bender is described. Unlike other implantable bone conduction hearing actuators the device is subcutaneous and once implanted is entirely invisible. The device excites bending in bone through a local bending moment rather than the application of a point force as with conventional bone-anchored hearing aids.

No. of Pages : 23 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9371/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : IDENTIFICATION AND CONNECTIVITY GATEWAY WRISTBAND FOR HOSPITAL AND MEDICAL APPLICATIONS□

(51) International classification	:H04W 88/04
(31) Priority Document No	:12/482,175
(32) Priority Date	:10/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:□CT/US2010/038198
Filing Date	:10/06/2010
(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

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United States of America
(72)**Name of Inventor :**
1)TEAGUE Edward Harrison

(57) Abstract :

A communication gateway wristband serves as a source of patient identification and as an interface between a personal area network (PAN) of miniaturized electronic medical sensors on a patient and a wireless wide-area network (WWAN) such as a hospital network. The gateway wristband includes a PAN transceiver which can establish wireless data links with wireless medical sensors a WWAN transceiver which can establish a wireless data link with WWAN infrastructure a memory which stores a patient identifier and a processor which receives data via the PAN transceiver and relays the patient identifier and the received data to an external network via the WWAN transceiver. The processor manages communications with both the PAN and WWAN transceivers stores received sensor data in memory and translates data from the PAN protocol to the WWAN protocol so that sensor data is relayed to the hospital infrastructure.

No. of Pages : 49 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9372/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : THERMAL TREATMENT SYSTEM UTILIZING CONSTRUCTIVELY INTERFERING ELECTROMAGNETIC RADIATION□

(51) International classification	:A61N 1/40
(31) Priority Document No	:12/482,144
(32) Priority Date	:10/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038204
Filing Date	:10/06/2010
(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

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1)ROSE Gregory G.

(57) Abstract :

Methods and systems enable thermal treating a portion of a subject using microwave or other electromagnetic radiation without harming other portions of the subject. In an embodiment a plurality of electromagnetic radiation transmitters are positioned within a thermal treatment system and coupled to a control processor. The electromagnetic radiation may be transmitted as a pseudorandom waveform and maybe microwave radiation. The control processor coordinates the transmitters so that emitted electromagnetic radiation constructively interferes within a treatment volume while radiation passing through the rest of the subject randomly interferes or appears as noise. As a result in a volume in which the electromagnetic radiation waveforms arrive in phase the power of all the transmitters add constructively resulting in a significant temperature rise while the rest of the subject is exposed to a much lower average power level and thus a lower temperature rise.

No. of Pages : 36 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9361/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : NETWORK SYSTEM, COMMUNICATION TERMINAL, COMMUNICATION METHOD, AND COMMUNICATION PROGRAM

(51) International classification	:H04W76/04
(31) Priority Document No	:2009-121167
(32) Priority Date	:19/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058373
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/134529
	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)SUETSUGU, JUNI
2)KUMAGAI, MASAYUKI
3)AKABANE, TOSHIO
4)SAKAI, TATSUYA

(57) Abstract :

A communication terminal (100A) includes: a communication unit (101 A); a memory (103A); a first obtaining unit (102A) for obtaining first data; and a first control unit (106A) for detecting, using the communication unit, whether the communication terminal is in a first state in which the communication terminal can exchange the first data with another terminal or in a second state in which the communication terminal cannot exchange the first data with another terminal, thereby storing a part of the first data obtained during the second state in the memory as second data, and for transmitting the second data to another terminal when a transition from the second state to the first state occurs.

No. of Pages : 89 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9363/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : FACTOR VII COMPOSITION□

(51) International classification	:A61K 38/48
(31) Priority Document No	:0954390
(32) Priority Date	:26/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051229
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

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(72)Name of Inventor :

1)BARDAT Annie

2)POMPE Cornelius

(57) Abstract :

The invention relates to a stable pharmaceutical composition in liquid form or in solid form comprising factor VII said composition being free of mannitol and of sucrose or even also of any antioxidant.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9364/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CAPSULE&NBSP; SYSTEM AND METHOD FOR PREPARING A BEVERAGE

(51) International classification :A47J 31/36
(31) Priority Document No :09162941.0
(32) Priority Date :17/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/NL2009/050828
Filing Date :30/12/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JOHN HENRI FLAMOND
3)HENDRIK CORNELIS KOELING
4)ANGENITA DOROTHEA POST VAN LOON

(57) Abstract :

The invention relates to a capsule system and method for preparing a predetermined quantity of beverage suitable for consumption using an extractable product. The capsule comprises a circumferential first wall a second wall closing the circumferential first wall at a first end and a flexible sheet-shaped perforate and/or porous third wall closing the circumferential first wall at a second open end opposite the second wall wherein the first second and third wall enclose an inner space comprising the extractable product wherein the third wall forms an outermost boundary of the capsule in an axial direction thereof and wherein the third wall comprises a woven or nonwoven filtering material such as filtering paper.

No. of Pages : 38 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9391/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : WEIGHT-BASED DISPENSING SYSTEM□

(51) International classification	:A61J 7/00
(31) Priority Document No	:12/494,202
(32) Priority Date	:29/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040069
Filing Date	:25/06/20□0
(87) 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)GODLEWSKI Peter

(57) Abstract :

A weight-based dispensing system is disclosed. The system includes a platform and a container coupled to the platform including a lid configured to move between a closed state restricting access to items in the container and an open state allowing access to the items in the container. The system also includes at least two weight sensors wherein each of the weight sensors is coupled to the platform and is configured to determine a change in weight on the platform and a controller configured to determine a change in the number of items in the container based on the state of the lid and the change in weight on the platform. A method for dispensing items is also disclosed.

No. of Pages : 20 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9392/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM APPARATUS AND METHOD FOR PREPARING A BEVERAGE

(51) International classification :A47J 31/36
(31) Priority Document No :09162988.1
(32) Priority Date :17/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/NL2009/050823
Filing Date :30/12/2009
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KAMERBEEK RALF
2)POST VAN LOON ANGENITA DOROTHEA
3)KOELING HENDRIK CORNELIS

(57) Abstract :

System for preparing a predetermined quantity of beverage suitable for consumption using an extractable product comprising an exchangeable capsule (2) and an apparatus (4) comprising a receptacle (3) for holding the exchangeable capsule (2). The exchangeable capsule (2) is an open capsule with an exit filter (17) adapted to drain prepared beverage from the system into a cup. The apparatus (4) comprises exit filter piercing means (22) that are provided in the receptacle (3) opposite of the exit filter (17) of the capsule (2). The exit filter piercing means (22) cooperate with the exit filter (17) to pierce the exit filter to create at least one additional opening (25) wherein the exit filter (17) when used in a prior art apparatus (104) that has lid piercing means (122) to pierce a lid of a closed capsule is not pierced by the lid piercing means (122) and stays intact.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9373/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : TYPE II RELAY NODE INITIALIZATION PROCEDURES

(51) International classification :H04W 72/04

(31) Priority Document No :61/218,908

(32) Priority Date :19/06/2009

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

(86) International Application No :PCT/US2010/039237

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

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2)CAI Zhijun

3)BONTU Chandra S.

4)FONG Mo-Han

5)VRZIC Sophie

(57) Abstract :

A relay node including one or more components configured to encode a message to be transmitted to an access node the message used to identify the relay node as a relay node during initialization of the relay node.

No. of Pages : 33 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9374/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CHANNEL SWITCHING PROCESSING METHOD&NBSP; SYSTEM&NBSP; AND RELATED DEVICES

(51) International classification	:H04N 7/173
(31) Priority Document No	:200910146974.X
(32) Priority Date	:05/06/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073568
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

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China
(72)**Name of Inventor :**
1)XU Yangpo
2)LIU Xin
3)DI Peiyun
4)ZOU Zixuan
5)CHEN Guanghai

(57) Abstract :

A channel switching processing method, system, and related devices are provided. The method includes: receiving, by a switching server, a channel switching request sent by a receiving end; and when the switching server determines that current switching resource information does not meet a switching condition according to the channel switching request, performing, by the switching server, an exception handling procedure, and sending channel switching instruction information to the receiving end, in which the channel switching instruction information is configured to instruct the receiving end to perform a channel switching operation corresponding to the channel switching instruction information. A channel switching processing system and related devices are also provided. Therefore, the channel switching efficiency may be effectively improved.

No. of Pages : 42 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9375/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHODS AND APPARATUS TO FACILITATE CLIENT CONTROLLED SESSIONLESS ADAPTATION

(51) International classification	:H04L 29/06
(31) Priority Document No	:61/187,090
(32) Priority Date	:15/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038481
Filing Date	:14/06/2010
(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

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(72)**Name of Inventor :**
1)FURBECK David

(57) Abstract :

A disclosed example method for managing media content includes accessing metadata information for an available media and retrieving from the accessed metadata at least a uniform resource locator (URL) and one or more byte range where one or more portions of the available media being addressable by the one or more byte range and the URL combination. The example method also includes sending a first request requesting a first at least one portion of the available media based on retrieved metadata.

No. of Pages : 33 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9376/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMPOSITIONS FOR CONTINUOUS ADMINISTRATION OF DOPA DECARBOXYLASE INHIBITORS

(51) International classification	:A61K 9/08
(31) Priority Document No	:61/179511
(32) Priority Date	:19/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2010/000400
Filing Date	:17/05/2010
(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

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1)Oron Yacoby-Zeevi

2)Mara Nemas

(57) Abstract :

Disclosed herein are arginine salts of carbidopa and levodopa and compositions that include for example the arginine salt of carbidopa suitable for continuous administration for treating neurological or movement diseases or disorders such as restless leg syndrome Parkinsons disease secondary parkinsonism Huntingtons disease ParkinsonTMs-like syndrome PSP MSA ALS Shy-Drager syndrome and conditions resulting from brain injury including carbon monoxide or manganese intoxication together with administration of levodopa

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9377/CHENP/2011 A

(43) Publication Date : 15/03/2013

(54) Title of the invention : RF SINGLE-ENDED TO DIFFERENTIAL CONVERTER

(51) International classification :H03F 1/32
(31) Priority Document No :61/221,048
(32) Priority Date :27/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040246
Filing Date :28/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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UNITED STATES OF AMERICA
(72)Name of Inventor :
1)SENGUPTA Susanta
2)BARNETT Kenneth C.

(57) Abstract :

Techniques for designing a highly differential single-ended-to-differential converter for use in e.g. communications receivers. In an exemplary embodiment an auxiliary current path including cascomp transistors is coupled to a main current path including input transistors and cascode transistors. The transistors are biased such that inter-modulation products generated by the auxiliary current path cancel out inter-modulation products generated by the main current path. In another exemplary embodiment current source transistors for the main current path are adaptively biased depending on the level of the input signal received. In an exemplary embodiment the techniques may be applied to designing a converter for interfacing a single-ended low-noise amplifier (LNA) output voltage with a differential mixer input in a communications receiver.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9406/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : ESTIMATING A STATE OF AT LEAST ONE TARGET USING A PLURALITY OF SENSORS

(51) International classification :G06N7/00
(31) Priority Document No :0911165.9
(32) Priority Date :29/06/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/051029
Filing Date :22/06/2010
(87) International Publication No :WO 2011/001162 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)DAVID NICHOLSON
3)STEVEN REECE
4)STEPHEN JOHN ROBERTS

(57) Abstract :

The method includes receiving (202) a plurality of target observations (106) from a respective plurality of sensors and using (204) the target observations to compute target state estimates. Each of the target state estimates is assessed (206) so check if it suffers from one of a set of modelled possible fault types. The target state estimates are adjusted (208) to compensate for any modelled fault type if it is assessed to be suffering from that fault type. A reliability value is computed (210) for each of the target state estimates and the target state estimates are fused (212) together based on the computed reliability values to produce a fused target state estimate.

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9414/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DETECTION DEVICE FOR THE IN VIVO AND/OR IN VITRO ENRICHMENT OF SAMPLE MATERIAL

(51) International classification	:A61B 10/00
(31) Priority Document No	:09075271.8
(32) Priority Date	:17/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/003644
Filing Date	:17/06/2010
(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

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(72)Name of Inventor :

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2)ANDREAS BOLLMANN

3)STEFFI MEWES

4)ROBERT NIESTROJ

(57) Abstract :

The present invention refers to a detection device for the in vivo and/or in vitro enrichment of sample material the detection device comprising a functional surface equipped with detection receptors. To further improve the enrichment of sample material by using a detection device of the aforementioned type it is provided according to the invention that the functional surface has a three-dimensional structure with mutually facing functional sections which form spaces that can be filled with a sample liquid. Furthermore the present invention provides for a use and for a method for the use of the detection device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9421/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : TOUGH IRON-BASED BULK METALLIC GLASS ALLOYS

(51) International classification :C22C 45/02

(31) Priority Document No :61/179,655

(32) Priority Date :19/05/2009

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

(86) International Application No :PCT/US2010/035382

Filing Date :19/05/2010

(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

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1)DEMETRIOU Marios D.

2)JOHNSON William L.

(57) Abstract :

A family of iron-based phosphor-containing bulk metallic glasses having excellent processibility and toughness methods for forming such alloys and processes for manufacturing articles therefrom are provided. The inventive iron-based alloy is based on the observation that by very tightly controlling the composition of the metalloid moiety of the Fe-based P-containing bulk metallic glass alloys it is possible to obtain highly processable alloys with surprisingly low shear modulus and high toughness.

No. of Pages : 27 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9424/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PROCESS FOR PRODUCING MOLTEN GLASS&NBSP; GLASS-MELTING FURNACE&NBSP; APPARATUS FOR PRODUCING GLASS PRODUCTS AND PROCESS FOR PRODUCING GLASS PRODUCTS

(51) International classification	:C03B 3/02	(71)Name of Applicant :
(31) Priority Document No	:2009-154026	1)Asahi Glass Company Limited
(32) Priority Date	:29/06/2009	Address of Applicant :5-1 Marunouchi 1-chome Chiyoda-ku
(33) Name of priority country	:Japan	TOKYO 1008405 Japan
(86) International Application No	:PCT/JP2010/058465	(72)Name of Inventor :
Filing Date	:19/05/2010	1)Osamu Sakamoto
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for producing molten glass that is a process of producing molten glass from glass raw material particles and glass cullet pieces by an in-flight melting method; a glass melting furnace for carrying out the above process; an apparatus for producing glass products having the above melting furnace; and a process for producing glass products employing the above production process. A glass melting furnace 10 having a glass raw material particle input portion disposed downwardly from a ceiling wall 18 of a melting vessel 12; an oxygen combustion burner 26 for forming a flame for heating falling glass raw material particles 32 to change to be liquid glass particles; a glass cullet piece input tube 36 for inputting glass cullet pieces 42 having a short diameter (A) of 0.5 mm<A

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9425/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO A METHOD AND SYSTEM OF BOOKING MANAGEMENT

(51) International classification	:G06Q 50/00
(31) Priority Document No	:09305449.2
(32) Priority Date	:18/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/055393
Filing Date	:22/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)ARMAND Maxime

(57) Abstract :

A method of generating an offer for resources such as a hotel room which meets a customer request and satisfies at least one customer preferences to a predetermined extent the method comprising: receiving a customer request for one or more resources meeting one or more requirements; searching for a set of resources which meet one or more of the requirements; determining one or more customer preferences from a set of business rules; determining an order of importance for the one or more customer preferences; applying the most important customer preference to the set of resources to select the resources which satisfies the most important customer preference to a predetermined extent so as to produce a revised set of resources; and creating an offer for presentation to a customer from the revised set of resources such that the customer may select an offer for purchase.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9378/CHENP/2011 A

(43) Publication Date : 15/03/2013

(54) Title of the invention : ILLUMINATION DEVICES AND METHODS OF FABRICATION THEREOF

(51) International classification :G02B 6/00
(31) Priority Document No :61/182,594
(32) Priority Date :29/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/036473
Filing Date :27/05/2010
(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

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2)PATEL Sapna
3)CHAN Clayton Ka Tsun
4)GANTI Suryaprakash
5)ARBUCKLE Brian W.

(57) Abstract :

Illumination devices and methods of making same are disclosed. In one embodiment an illumination apparatus includes a light source a light guide (803) having a planar first surface a first end and a second end and a length therebetween the light guide positioned to receive light from the light source into the light guide first end and the light guide configured such that light from the light source provided into the first end of the light guide propagates towards the second end and a plurality of light turning features (820) that are configured to reflect light propagating towards the second end of the light guide out of the planar first surface of the light guide each light turning feature having a turning surface and an interferometric stack (1707) formed on the turning surface.

No. of Pages : 119 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9381/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND APPARATUS THAT FACILITATES A TIMING ALIGNMENT IN A MULTICARRIER SYSTEM

(51) International classification :H04W56/00
(31) Priority Document No :61/218769
(32) Priority Date :19/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039372
Filing Date :21/06/2010
(87) International Publication No :WO 2010/148404 A9
(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)AGASHE PARAG ARUN
3)GAAL PETER
4)JI TINGFANG
5)PALANKI RAVI
6)PRAKASH RAJAT

(57) Abstract :

Aspects are disclosed for facilitating a timing alignment in a multicarrier system. In one aspect, at least one downlink timing associated with at least one downlink carrier is determined, and an uplink timing associated with an uplink group of carriers is ascertained based on at least one downlink timing and a timing offset associated with the uplink group of carriers. Each of the uplink group of carriers is then transmitted within a threshold value of the uplink timing. In another aspect, a downlink communication is transmitted to a wireless terminal via at least one downlink carrier. This embodiment further includes assigning a timing offset to an uplink group of carriers, and providing the timing offset to the wireless terminal via the at least one downlink carrier. An uplink communication is then received via the uplink group of carriers according to the timing offset.

No. of Pages : 64 No. of Claims : 88

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9386/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PIEZOELECTRIC RESONATOR WITH TWO PIEZOELECTRIC LAYERS

(51) International classification :H03H 9/60
(31) Priority Document No :12/456,245
(32) Priority Date :11/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038209
Filing Date :10/06/2010
(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

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2)BLACK Justin P.

(57) Abstract :

A piezoelectric resonator device comprises five layers. A first layer and a fifth layer include one or more metal electrodes (400 420). A second layer (404) and a fourth layer (402) comprise a piezoelectric material. A third layer (406) comprises a metal layer. In a first area of the first layer the first layer metal electrodes include a first layer periodic structure (420) along one dimension comprising one of the one or more first layer metal electrodes and a space with no first layer metal electrodes. In a second area of the fifth layer the fifth layer metal electrodes include a fifth layer periodic structure (400) along the one dimension comprising one of the one or more fifth layer metal electrodes and a space with no fifth layer metal electrodes.

No. of Pages : 36 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9388/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING TIME-FREQUENCY PATTERNS FOR REFERENCE SIGNAL IN AN OFDM WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04B 7/216
(31) Priority Document No	:61/218,841
(32) Priority Date	:19/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CN2010/074150
Filing Date	:21/06/2010
(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

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(57) Abstract :

In one embodiment a method for a wireless communication includes generating a first time-frequency reference signal pattern at a first base station. The first time-frequency reference signal pattern includes a modified version of a mother pattern of time-frequency of a fixed size. The method further includes transmitting a first reference signal using the first time-frequency reference signal pattern.

No. of Pages : 36 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9389/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD OF PRODUCING ADVANCED COMPOSITE COMPONENTS

(51) International classification	:B29C 70/08
(31) Priority Document No	:2009902686
(32) Priority Date	:12/06/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000709
Filing Date	:10/06/2010
(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

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(72)Name of Inventor :
1)GRAHAM Neil Deryck Bray

(57) Abstract :

In one aspect, a method for producing a composite component including the steps of: applying a liquefied resin over a surface, the resin solidifying to form a resin layer thereon; laying a composite lay-up over the resin layer; and heating the resin layer to liquefy the resin such that the composite lay-up sinks into and is impregnated by the liquefied resin, wherein reinforcement means are provided on or in the resin layer and/or the composite lay-up, the reinforcement means being released and transferred through the composite lay-up prior to curing of the resin, and wherein in the final composite component, the reinforcement means provide reinforcement in a direction generally perpendicular to the surface. In another aspect, a method for producing a composite component including applying liquefied resin on a mould surface of a mould, the resin solidifying to form a resin layer thereon; locating a composite lay-up over the resin layer; locating the mould between first and second pressure chambers, each pressure chamber having an elastically deformable chamber wall, the chamber walls being located in opposing relation with the mould located therebetween; further applying liquefied resin on an opposing surface facing the mould, the resin on the opposing surface solidifying to form an opposing resin layer, such that the composite lay-up is locatable between said resin layers; and circulating a fluid at an elevated pressure and temperature through each pressure chamber such that the resin layers are liquefied and the composite lay-up is compressed, impregnated with resin and cured.

No. of Pages : 35 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9426/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : HEAT RECOVERY MODULE

(51) International classification	:F22D 1/02
(31) Priority Document No	:0909060.6
(32) Priority Date	:27/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050863
Filing Date	:26/05/2010
(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

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(72)**Name of Inventor :**
1)CHEN Chao Hui
2)LI Meng
3)SMITH Michael

(57) Abstract :

A module for heat recovery from exhausted flue gas in a steam generator is described comprising a flue gas outlet conduit defining a flow path for flue gas from a flue gas outlet of a steam generator to a flue gas conduit junction; a first flue gas conduit defining a flow path for flue gas from the junction to a first air heater; a second flue gas conduit defining a flow path for flue gas from the junction to at least one high pressure and at least one low pressure process liquid economiser. A steam generator using the module a method implementing the flow principles embodied in such a module and a method of incorporation of such a module into a steam generator especially by retrofit are also described.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9428/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : LOSSLESS ADJUSTMENT METHOD OF ODUFLEX CHANNEL BANDWIDTH AND ODUFLEX CHANNE

(51) International classification :H04L 29/06

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2009/072185

Filing Date :09/06/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)SU Wei

2)DING Chiwu

3)DONG Limin

4)WU Qiuyou

(57) Abstract :

The embodiments of the present invention relate to the field of communications technologies, and disclose a lossless adjustment method of ODUflex channel bandwidth and an ODUflex channel. The lossless adjustment method includes: adjusting, according to bandwidth adjustment indication request information, a time slot occupied by an ODUflex frame in a higher order optical channel data unit at an egress side of each network node on an ODUflex channel; and adjusting, according to rate adjustment indication information, a transmission rate of the ODUflex frame of each network node on the ODUflex channel, to enable the transmission rate of each network node on the ODUflex channel to be unified.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9429/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD&NBSP; DEVICE&NBSP; AND SYSTEM FOR CONTROLLING TUNNEL IDENTIFIER ALLOCATION

(51) International classification	:H04L 29/02
(31) Priority Document No	:200910147412.7
(32) Priority Date	:10/06/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073213
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

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(72)**Name of Inventor :**
1)YIN Yu
2)QI Caixia

(57) Abstract :

The present invention provides a method an apparatus and a system for controlling tunnel identifier allocation wherein the allocation method includes: determining according to the type of the current procedure whether a serving gateway is allowed to change a tunnel endpoint identifier and/or an Internet Protocol (IP) address (S110); and transmitting an update bearer request message to the serving gateway the update bearer request message being used to notify the serving gateway whether it is allowed to change the tunnel endpoint identifier and/or the IP address (S120). The embodiments of the present invention avoid the loss of the users service data packets or the service interruption caused by that the serving gateway modifies the tunnel endpoint identifier and/or the IP address.

No. of Pages : 40 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9430/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND DEVICE FOR CONFIGURING NEIGHBORING CELL LIST

(51) International classification :H04W 84/18
(31) Priority Document No :200910089813.1
(32) Priority Date :24/07/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/075342
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

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(72)**Name of Inventor :**
1)SHAO Xiaojie
2)PENG Chenghui
3)SHI Dai
4)HUANG Gang

(57) Abstract :

Embodiments of the present invention relate to the communication field and disclose a method for configuring a neighboring cell list. A micro base station obtains neighboring BS information, and sends the neighboring BS information to a network side, receives subscribed neighboring BS information selected and sent by the network side, and selects, according to subscribed neighboring BS information, a neighboring BS in the obtained neighboring BS information to configure a neighboring cell list. Embodiments of the present invention further provide a device for configuring a neighboring cell list. According to the embodiments of the present invention, the micro BS may obtain the neighboring BS information, and send the obtained neighboring BS information to the network side, so that the network side may select, according to the subscription relationship information, a subscribed neighboring BS for the micro BS; the micro BS selects, according to the subscribed neighboring BS selected by the network side, a neighboring BS in the obtained neighboring BS information to configure a neighboring cell list. In this way, dynamic configuration of the neighboring cell list is realized, and meanwhile, configuration accuracy of the neighboring cell list is effectively guaranteed.

No. of Pages : 39 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9122/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR FILLING FOOD CONTAINERS

(51) International classification :B21D 51/26
(31) Priority Document No :10 2009 003 025.5
(32) Priority Date :12/05/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/056578
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

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1)HUNDELOH Thomas
2)JANSSEN Georg
3)ULLMANN Bernd
4)KAMP Maril

(57) Abstract :

The invention relates to a method for filling thin wall food containers in particular beverage cans which are eventually closed gas-tight and have an inner pressure that is above ambient pressure for stabilizing the food container. The method includes the steps: providing the food container with an open filling orifice in a filling station; filling the food container in the filling station; covering the filling orifice of the food container with a lid directly after completing the filling process; fixating the lid at the food container without closing the food container gas-tight; and transporting the food container with the filling opening covered.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9125/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : HOME APPLIANCE MANAGING SYSTEM

(51) International classification :G06F 13/00
(31) Priority Document No :2009-114902
(32) Priority Date :11/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/057935
Filing Date :11/05/2010
(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 :

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3)Shuji MURAKAMI

4)Hiroyasu NAKANISHI

(57) Abstract :

The home appliance managing system includes a plurality of central managing devices and a center server. The center server is connected to the plurality of the central managing devices, and stores plural data used at home appliances. When the central managing device stores predetermined data requested by the home appliance, the central managing device sends the predetermined data to the home appliance. When the central managing device does not store the predetermined data, the central managing device requests the predetermined data from the center server. The center server sends the predetermined data to the central managing device in response to the request from the central managing device. The central managing device sends the predetermined data received from the center server to the home appliance and stores the same data. The center server selects the cache data from the plural data on the basis of the data previously sent to the central managing device, and sends the cache data to the central managing device. The central managing device stores the cache data received from the center server.

No. of Pages : 32 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9126/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : DIGITAL PRINTING MACHINE AND PLATEN ASSEMBLY FOR PRINTING ON MULTIPLE GARMENT PORTIONS

(51) International classification	:B41J 3/407
(31) Priority Document No	:12/469,853
(32) Priority Date	:21/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035566
Filing Date	:20/05/2010
(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

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1)Michael D. Abbott
2)Dean Craver

(57) Abstract :

A digital printing machine and a platen assembly therefore for printing on multiple garment portions the platen assembly comprising a base member configured for operation with a printing machine and multiple garment support members that are attached to the base member. Each support member comprises a first portion attached to the base member and a second substantially horizontal portion extending outwardly from the base member. The garment support members are configured to support multiple garment portions permitting printing on the multiple garment portions in a single printing operation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9127/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DISPLAYING PURCHASING INFORMATION

(51) International classification :G06Q 30/00

(31) Priority Document No :12/468,800

(32) Priority Date :19/05/2009

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

(86) International Application No :PCT/FI2010/050386

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 :

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1)Ville Aarni

2)Miikka Sainio

3)Niklas Von Knorring

4)Dmitry Kolesnikov

5)Atte Lahtiranta

(57) Abstract :

An approach is provided for displaying purchasing information on a mobile device. Purchasing information that is transmitted for display using a purchasing application on the mobile device is redirected for display on a browser application or a messaging application when the purchasing application is not resident on the mobile device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9128/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MULTI-USER MULTIPLE INPUT MULTIPLE OUTPUT WIRELESS COMMUNICATIONS

(51) International classification :H04B 7/06
(31) Priority Document No :61/188,000
(32) Priority Date :17/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038805
Filing Date :16/06/2010
(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 :
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UNITED STATES OF AMERICA
(72)Name of Inventor :
1)SAMPATH Hemanth
2)JONES IV Vincent Knowles
3)WENTINK Maarten Menzo
4)ABRAHAM Santosh P.

(57) Abstract :

Certain aspects of the present disclosure relate to a method for enhanced multiuser multiple input multiple output (MU-MIMO) wireless communications. The proposed method may reduce and/or eliminate stringent frequency and time synchronization requirements for stations (STAs) to participate in a downlink MU-MIMO transaction by utilizing deterministic scheduling.

No. of Pages : 48 No. of Claims : 91

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9431/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO THE DISTRIBUTION AND PRINTING OF TRAVEL DOCUMENTS

(51) International classification	:G06Q 10/00
(31) Priority Document No	:09305451.8
(32) Priority Date	:18/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/055392
Filing Date	:22/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)HUBIM Edouard

3)SAUVAGE Jean-Michel

(57) Abstract :

A system for generating and printing travel documents for a customer associated with a journey having one or more parts the system comprising: a travel documentation distribution module capable of generating travel documentation for the customer and capable of passing the documents for storage on a customer device at the request of the customer; and a printer located in the vicinity of a starting point of one of the parts of the journey which is capable of responding to a short range communication from the customer device to print the travel documents for said part of the journey for the customer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9432/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR CODING AND AN APPARATUS

(51) International classification :H03M 7/42

(31) Priority Document No :61/179,484

(32) Priority Date :19/05/2009

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

(86) International Application No :PCT/FI2010/050398

Filing Date :18/05/2010

(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

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(72)Name of Inventor :

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2)Kemal Ugur

(57) Abstract :

The disclosure relates to variable length encoding and decoding. A symbol is variable length encoded by selecting a variable length code word table from a set of variable length code word tables based on a value of a variable; selecting a code word from the selected variable length code word table on the basis of said symbol; and updating the value of said variable by comparing the correspondence between said symbol and said variable. If the comparison indicates that the value of the variable is smaller than the symbol, the value of said variable is incremented; else if the comparison indicates that the value of the variable is greater than the symbol, the value of said variable is decremented; else the value of the variable is not amended.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9481/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : BISPECIFIC, TETRAVALENT ANTIGEN BINDING PROTEINS

(51) International classification	:C07K16/46
(31) Priority Document No	:09007966.6
(32) Priority Date	:18/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/003560
Filing Date	:14/06/2010
(87) International Publication No	:WO 2010/145793
	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)REGULA, JOERG, THOMAS

4)SCHAEFER, WOLFGANG

5)SCHANZER, JUERGEN, MICHAEL

(57) Abstract :

The present invention relates to bispecific, tetravalent antigen binding proteins, methods for their production, pharmaceutical compositions containing said antibodies, and uses thereof.

No. of Pages : 54 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9490/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : LIQUID CRYSTAL DISPLAY APPARATUS□

(51) International classification	:G09G 3/36
(31) Priority Document No	:2009-140599
(32) Priority Date	:11/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/002797
Filing Date	:16/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SHIOMI Makoto

(57) Abstract :

The liquid crystal display apparatus (100) according to the present invention has a plurality of pixels including a red pixel a green pixel and a blue pixel. Each of the plurality of pixels has a plurality of subpixels including a first subpixel and a second subpixel. When the grayscale levels of input signals corresponding to the red green and blue pixels are equal to one another at a given level the ratio of the difference in luminance between the first and second subpixels of one of the red green and blue pixels to the maximum luminance of that one of the red green and blue pixels is greater than the ratio of the difference in luminance between the first and second subpixels of each one of the other two pixels to the maximum luminance of the respective one of the other two pixels.

No. of Pages : 192 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9492/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR PELLETING SPHERICAL FINE PARTICLE OF SODIUM NITRATE

(51) International classification :C01D 9/18
(31) Priority Document No :200910112134.1
(32) Priority Date :26/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074011
Filing Date :17/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

Provided is a method for pelleting spherical fine particle of sodium nitrate which comprises the following steps: 1) melting industrial sodium nitrate in a salt melting furnace introducing into a high-level insulation buffer tank placing in an atomizer located on top of the pelleting tower atomizing to obtain fog droplets with size of 30 μm - 0.5 mm; 2) introducing freeze-dried high-pressure air into the pelleting tower in a tangent direction from the upper inlet pipe of the tower so that the sodium nitrate fog droplets obtained in step 1) fall spirally along the wall in the pelleting tower to obtain sodium nitrate particle; 3) collecting the cooled sodium nitrate particle at the bottom of the tower and packaging. Sodium nitrate particle with lower water content higher roundness and smaller size can be obtained and continuous production can be realized by the method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9129/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : CIRCUIT BOARD AND METHOD FOR MANUFACTURING CIRCUIT BOARD

(51) International classification :H05K 1/02
(31) Priority Document No :201010564278.3
(32) Priority Date :25/11/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/074076
Filing Date :16/05/2011
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GAO Feng
2)LIU Shandang
3)ZONG Xuan

(57) Abstract :

A circuit board includes at least one adhesive layer and at least one transmission line where an air chamber is formed in the adhesive layer and the orthographic projection of the transmission line falls in a region encompassed by the air chamber of the adhesive layer A method for manufacturing a circuit board includes the following steps: providing a core board where the core board includes a dielectric layer and a conducting medium that covers at least one side of the dielectric layer; forming a transmission line on the conducting medium at one side of the core board; providing another core board where the core board includes a dielectric layer and a conducting medium that covers at least one side of the dielectric layer;..

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9500/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR DETECTING REFRIGERANT LEAKS IN COOLING SYSTEMS

(51) International classification :H05K 7/20
(31) Priority Document No :12/474,100
(32) Priority Date :28/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/035415
Filing Date :19/05/2010
(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

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2)ROESCH James Richard

(57) Abstract :

A method of detecting loss of refrigerant within a cooling system of the type having a condenser a refrigerant receiver in fluid communication with the condenser a sensor configured to detect a level of refrigerant within the receiver an evaporator in fluid communication with the receiver and a pump or compressor in fluid communication with the evaporator and the condenser includes establishing a baseline measurement of refrigerant mass contained in the receiver with the sensor during certain power loads applied to the cooling system monitoring a mass of refrigerant in the receiver with the sensor at a certain power load applied to the cooling system and identifying whether the monitored mass of refrigerant is less than the baseline measurement of refrigerant mass over a predetermined period of time. Systems for detecting loss of refrigerant are further disclosed.

No. of Pages : 33 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9501/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : MAGNESIUM ALLOY SHEET

(51) International classification	:C22C 23/02
(31) Priority Document No	:2009-152849
(32) Priority Date	:26/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059710
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

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(72)Name of Inventor :

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2)KITAMURA Takahiko

3)KAWABE Nozomu

(57) Abstract :

A magnesium alloy sheet having high impact resistance at low temperature, a magnesium alloy structural member using this sheet, and a method for producing a magnesium alloy sheet are provided. The magnesium alloy sheet is composed of a magnesium alloy containing Al and Mn. When a region from a surface of the alloy sheet to 30% of the thickness of the alloy sheet in a thickness direction of the magnesium alloy sheet is defined as a surface region and when a 50 μm^2 sub-region is arbitrarily selected from this surface region, the number of grains that are crystallized phases containing both Al and Mn is 15 or less. The maximum diameter of each of the crystallized phases is 0.1 to 1 μm and the mass ratio Al/Mn of Al to Mn is 2 to 5. This magnesium alloy sheet has high impact resistance since it contains crystallized phases that are small in size and in amount contained and cause breaking and the like, and exhibits good mechanical properties even in a low-temperature environment.

No. of Pages : 23 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9502/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PLUG-IN CONNECTOR FOR DC WIRING

(51) International classification	:H01R 13/70
(31) Priority Document No	:2009-145763
(32) Priority Date	:18/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059528
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 :

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(72)Name of Inventor :

1)Susumu KOBAYASHI

(57) Abstract :

An objective is to produce the plug-in-connector for DC-wiring with safety by preventing degradation of contact points by shortening of period when arc is caused due to detaching and attaching the plug. An electrical outlet comprises an inversion-spring electrically connected to the plugTMs blade inserted from the insertion-hole. Both the ends of the inversion-spring are fixed to the inversion-springTMs body, whereby the inversion-springTMs intermediate-portion is moved between the contact position of making an elastically contact with the blade and the non-contact position of making a space having a predetermined distance or more for cutting the arc. The blade pushes the intermediateportion to move it to the non-contact position by twisting the plug having a contact condition between the intermediate-portion and the blade. The intermediate-portion is inverted to have an elastic contact to the blade by pushing the push button to move the intermediate-portion, with non-contact position, by the driving member.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9495/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : KNEADING TANK INVERSION DISCHARGING SEALED PRESSURIZED TYPE KNEADING MACHINE

(51) International classification	:B29B 7/18
(31) Priority Document No	:2009-146699
(32) Priority Date	:19/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059604
Filing Date	:07/06/2010
(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 :

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(72)Name of Inventor :

1)YADA Yasuo

2)YADA Tatsuo

(57) Abstract :

The present invention solves a problem in a kneading tank inversion discharging sealed pressurized type kneading machine that discharging operations of kneaded materials require time and labor and also restrain diffusion of compounded powder compound to thereby enable collection of almost all the amount of the powder compound jetted from a kneading tank in each batch. In a kneading machine in which a kneading tank 3 that is provided with kneading rotors 10 and has a stocking opening 4 made closable by an openable and closable pressurizing lid 5 is capable of inverting for discharging the kneaded materials a front wall 8a of opening walls 8 surrounding four sides of the stocking opening is attached so as to be suspended downward from the kneading tank by a hinge 26 when the kneading tank is inverted. The kneading tank is capable of inverting in a range of 90 to 120°. Further an inner-pressure cover 45 that covers the stocking opening 4 together with the pressurizing lid 5 is provided and a duct 53 of a capturing apparatus 50 is connected to the inner-pressure cover to capture powder compound jetted into the inner-pressure cover and the powder compound captured in a filter 51 of the capturing apparatus can be collected into the kneading tank

No. of Pages : 39 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9497/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : CAPSULE FOR CONTAINING BEVERAGE INGREDIENTS

(51) International classification :B65D 85/804

(31) Priority Document No :09162895.8

(32) Priority Date :17/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/NL2009/050826

Filing Date :30/12/2009

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SARA LEE/DE B.V.

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(72)Name of Inventor :

1)KAMERBEEK RALF

2)KOELING HENDRIK CORNELIS

3)BIESHEUVEL AREND CORNELIS JACOBUS

(57) Abstract :

Capsule for containing beverage ingredients the capsule being designed for insertion in a beverage production device in which a liquid under pressure enters the capsule to drain a beverage from the capsule wherein the capsule comprises a circumferential first wall a second wall closing the circumferential first wall at a first end and a third wall closing the circumferential first wall at a second open end opposite the second wall the first second and third wall enclosing an inner space comprising the beverage ingredients wherein the capsule comprises a sealing member for achieving a sealing effect between the capsule and the beverage production device wherein at least one of the first second and third wall as such is configured to act as the sealing member.

No. of Pages : 43 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9499/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMPUTER PROCESS MANAGEMENT

(51) International classification	:G06F 9/06
(31) Priority Document No	:61/218,411
(32) Priority Date	:19/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/NZ2010/000114
Filing Date	:21/06/2010
(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

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1)MERCER Shane Andrew
2)SMITH Lindsay Ian
3)CLARKE Nicholas Francis

(57) Abstract :

A computer implemented process is defined to operate on three types of objects: Task Objects Resume Objects and State Objects. To define a Task Objects are implemented to perform the actions required to complete a particular aspect of the process. A State Object maintains information about the currently executing process such as the values of variables and the current location in the executing process. A Resume Object directs process execution by specifying which Task Objects or Resume Objects to execute next. A key aspect of the system is the ability to suspend execution at any time and seamlessly resume execution at either the exact point execution was stopped or at any execution point prior to suspension. This accomplished by periodically storing Snapshots of the execution to persistent storage which can later be used to restore the state of the system to that of the Snapshot.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9514/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD&NBSP; APPARATUS AND SYSTEM FOR IMPLEMENTING INTERACTION BETWEEN A VIDEO AND A VIRTUAL NETWORK SCENE

(51) International classification	:H04L 12/58
(31) Priority Document No	:200910150595.8
(32) Priority Date	:23/06/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072993
Filing Date	:20/05/2010
(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

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(72)**Name of Inventor :**
1)LI Zhuanke

(57) Abstract :

Examples of the present disclosure provide a method an apparatus and a system for implementing interaction between a video and a virtual network scene. The method includes: obtaining video data of a user; displaying on a client a video corresponding to the video data in the virtual network scene. Through associating the video and the network service in the virtual network scene the relativity between the video and the network service in the virtual network scene is increased interaction between the video and the network service is realized and userTMs experience is improved

No. of Pages : 32 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9503/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DEVICE AND METHOD FOR ENABLING HIERARCHICAL QUALITY OF SERVICE SERVICES

(51) International classification :H04W 28/14
(31) Priority Document No :200910087377.4
(32) Priority Date :19/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073405
Filing Date :31/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Dengyuan CAO

(57) Abstract :

The invention discloses a device for enabling hierarchical quality of service (HQOS) services, the device including: an information receiving module for receiving service types and service processing information; an information distribution module for determining an object service tree according to the received service types and service processing information, and storing the received service types on the node to be processed of the object service tree; and a service management module for traversing the object service tree and performing corresponding operations on the identified nodes in the traversing process. The invention also discloses a method for enabling the HQOS services, the method including: the service management module traversing the object service tree, and performing the corresponding operations on the identified nodes in the traversing process. By adopting the device and the method of the invention, the repetitiveness of software codes for enabling HQOS services can be reduced, and the maintainability and the scalability of the software codes can be improved.

No. of Pages : 33 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9504/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CRYPTOGRAPHY BY PARAMETERIZING ON ELLIPTIC CURVE

(51) International classification :H04L 9/30
(31) Priority Document No :09 54473
(32) Priority Date :30/06/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/051339
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 :

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(72)Name of Inventor :

1)ICART Thomas

2)CHABANNE Herv

(57) Abstract :

The invention relates to the implementation of the control of a device (10) by a controller (11) on the basis of a password (p). For this purpose the invention comprises determining (21) at the device or at the controller and on the basis of a random value r_1 a point $P(X, Y)$ on an elliptic curve in a finite body F_q q being an integer according to the equation: $E: y^2 = x^3 + ax + b$ (1). The invention then comprises obtaining (22) first and second parameters k and k' such that $P(X, Y) = F(K, k')$ where F is a surjective function of $F_q \times F_q$ in F_q and then obtaining (23) the first and second parameters in an encrypted format by encryption in accordance with the password.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9505/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MONITORING VIRTUAL AGENTS

(51) International classification :H04W 12/00
(31) Priority Document No :200910138486.4
(32) Priority Date :20/05/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/074011
Filing Date :17/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)Chunxiao QIAN
2)Peng WANG
3)Xuyi HE
4)Tingli PAN

(57) Abstract :

The present invention discloses a system and a method for monitoring virtual agents, wherein the system includes: a service control module loaded in an intelligent network, the service control module performs at least called party subscription with a mobile terminal that need to be registered as a virtual agent and stores called party subscription information into a storage module; monitors state information of the mobile terminal that is registered as the virtual agent via an intelligent network and stores the state information into the storage module; and selects the virtual agent to serve an incoming call according to the state information; a storage module, which stores the called party subscription information and information of the virtual agent including the state information and stores information of the incoming call; and a virtual agent module, which provides a corresponding virtual agent to provide service for the incoming call under selection of the service control module. The present invention supports to monitor virtual agents that use mobile phones and improves customer satisfaction and market competitiveness of products and services

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9506/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR RESOURCE DISTRIBUTION&NBSP; BLIND DETECTION
METHOD&NBSP; BASE STATION&NBSP; USER EQUIPMENT

(51) International classification	:H04W 72/04
(31) Priority Document No	:200910207436.7
(32) Priority Date	:03/11/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/074252
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

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(57) Abstract :

The invention discloses a method for allocating resource including: a base station calculating a number of PDCCH aggregation degree groups based on CCE resources which can be occupied by PDCCH in a subframe wherein PDCCH aggregation degree groups are divided based on a largest PDCCH aggregation degree; the base station setting at least one aggregation degree group in the middle of the total PDCCH aggregation degree groups as a common search space; and the base station based on UE information and common information determining PDCCH aggregation degree groups which are set as a UE specified search space using a space division function; and the base station searching a location of the UE specified search space in determined PDCCH aggregation degree groups which are set as the UE specified search space and performing PDCCH resource allocation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9515/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CONTROLLING CSI REPORTING IN A LTE CELLULAR COMMUNICATION NETWORK□

(51) International classification :H04W 24/10

(31) Priority Document No :61/221,736

(32) Priority Date :30/06/2009

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

(86) International Application No :PCT/SE2010/050390

Filing Date :09/04/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)J-NGREN George

3)HAGERMAN Bo

(57) Abstract :

The object of the present invention is to distribute the transmission of the CSI (Channel state information) reports among the different UEs wherein the CSI reports are based on measurements on cell specific reference signals from the base station. This is achieved in a LTE cellular communication network by controlling the transmission of CSI reports from the UEs.

No. of Pages : 19 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9516/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PLANTS HAVING MODULATED CARBON PARTITIONING AND A METHOD FOR MAKING THE SAME□

(51) International classification :C07K 14/4□5
(31) Priority Document No :09164829.5
(32) Priority Date :07/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/059339
Filing Date :01/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PARK SU HYUN
3)CHOI YANG DO

(57) Abstract :

The present invention relates generally to the field of molecular biology and concerns a method for modulating carbon partitioning in plants. More specifically the present invention concerns a method for modulating carbon partitioning in plants by modulating expression in a plant of a nucleic acid encoding a particular type of NAC transcription factor. The present invention also concerns plants having modulated expression of a nucleic acid encoding a NAC transcription factor which plants have modulated carbon partitioning relative to control plants. The invention also provides constructs useful in the methods of the invention.

No. of Pages : 87 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9521/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM FOR EFFICIENT FLUID DEPRESSURISATION

(51) International classification	:F01K25/14
(31) Priority Document No	:09162513.7
(32) Priority Date	:11/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058035
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/142698
	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)SIKORA, PAUL

(57) Abstract :

The present invention relates to a system for depiessurisation of high pressure pipeline fluids. The system may provide for net power generation without the pressurised fluid undergoing liquefaction or solidification or unacceptable temperature reduction as a result of a Joule-Thompson process. The system is particularly relevant for depressurising high pressure natural gas pipelines in an energy efficient manner whilst making possible net power generation. The system for depressurisation of a pressurised fluid in a pipeline comprises at least one depressuriser for expanding the fluid in the pipeline to a lower pressure; and a transcritical heat pump for circulating a supercritical fluid, wherein the supercritical fluid undergoes cooling so as to release heat for transmission to the pressurised fluid in the pipeline prior to at least one expansion of said pressurised fluid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9527/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SPHERE DETECTOR PERFORMING DEPTH-FIRST SEARCH UNTIL TERMINATED

(51) International classification :H04L25/03
(31) Priority Document No :12/488,175
(32) Priority Date :19/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/023904
Filing Date :11/02/2010
(87) International Publication No :WO 2010/147682 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)DICK, CHRISTOPHER, H.

(57) Abstract :

Systems and methods detect a communication received at receiving antennas (112-118) from transmitting antennas (102-108). Each transmitting antenna transmits a symbol in a constellation. A sphere detector (140) performs a depth-first search until the depth-first search terminates in response to a terminate signal (160) requesting the result from the sphere detector. The depth-first search evaluates respective distances of one or more leaf nodes in response to the communication received at the receiving antennas (206). The depth-first search selects the result from these nodes in response to the respective distances (210). The result includes a selected leaf node that identifies a corresponding symbol in the constellation for each transmitting antenna, with this symbol detected as transmitted by the transmitting antenna (212).

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9536/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : MANAGEMENT OF ALLOWED CSG LIST AND VPLMN-AUTONOMOUS CSG ROAMING

(51) International classification :H04W48/08
(31) Priority Document No :61/245,616
(32) Priority Date :24/09/2000
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040049
Filing Date :25/06/2010
(87) International Publication No :WO 2010/151805 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)HORN GAVIN BERNARD
2)SONG OSOK
3)SUBRAMANIAN RAMACHANDRAN

(57) Abstract :

Systems and methodologies are described that facilitate supporting VPLMN-autonomous CSG roaming in a wireless communication environment. A UE can access a CSG list server associated with a VPLMN. A trust relation can be established between the UE and the CSG list server, for example. Moreover, the CSG list server can update a VPLMN allowed CSG list associated with the VPLMN stored by the UE. Hence, the UE can receive the VPLMN allowed CSG list from the CSG list server associated with the VPLMN. Further, the UE can store the VPLMN allowed CSG list as part of an allowed CSG list. The VPLMN allowed CSG list can include one or more entries associated with the VPLMN. Moreover, the allowed CSG list can be under control of at least one operator and the UE.

No. of Pages : 71 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9468/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD OF MAKING A HOT MELT PRESSURE-SENSITIVE ADHESIVE

(51) International classification :C08K3/00
(31) Priority Document No :61/218,173
(32) Priority Date :18/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/037878
Filing Date :09/06/2010
(87) International Publication No :WO 2010/147811 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)CRANDALL, MICHAEL D.
4)HAMER, CRAIG E.
5)WAID, ROBERT, D.

(57) Abstract :

A method of making a pressure-sensitive hot melt adhesive. The method includes extruding a melt composition that includes a polymer, wherein the polymer has acidic groups covalently attached thereto, and a metal salt hydrate, wherein the metal salt hydrate has a melting point that is less than the maximum processing temperature.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9540/CHENP/2011 A

(43) Publication Date : 15/03/2013

(54) Title of the invention : DUAL STAGE FILTRATION WITH BARRIER FOR FUEL WATER SEPARATION

(51) International classification :B01D 29/11
(31) Priority Document No :61/224,014
(32) Priority Date :08/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/41405
Filing Date :08/07/2010
(87) International Publication No :WO 2011/005990
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)MALGORN
6)SHULTS, TERRY, W
7)VERDEGAN, BARRY, M

(57) Abstract :

A dual stage filter includes an outer filter with a first media and an inner filter with a second media. A barrier is between the first media and the second media. The barrier directs fluid flow between the first and second media. The barrier creates a flow path between the first and second media, such that a working fluid, which is desired to pass through the first and second media, is directed by the barrier and flows through the second media, and such that another fluid, which is not desired to pass through the second media, is directed by the barrier and separates from the working fluid. Using the barrier, the dual stage filter can employ either or both upward flow and downward flow to achieve efficient fluid separation, for example fuel water separation in an engine fuel filter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9546/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : FITNESS EQUIPMENT

(51) International classification :A63B 21/072
(31) Priority Document No :CN 201020264692.8
(32) Priority Date :19/07/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/073400
Filing Date :27/04/2011
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Jianli CEN

(72)Name of Inventor :

1)Jianli CEN

(57) Abstract :

The invention discloses a fitness equipment which comprises a ring-shaped gravity body and a handle connected with the gravity body wherein the handle is positioned in the radial position of the interior of the ring-shaped gravity body the end parts of the handle are detachably and fixedly connected with the gravity body protective covers are embedded into the inner surface of the ring-shaped gravity body and through the coverage of the protective covers the connecting parts between the ring-shaped gravity body and the handle are rendered smooth. Through the application of the protective covers and the appropriate structural design of the two end parts of the handle the surfaces of the fitness equipment provided by the invention can be rendered smooth thereby effectively avoiding injuries to users.

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

(54) Title of the invention : DIPLXER SYNTHESIS USING COMPOSITE RIGHT/LEFT-HANDED PHASE-ADVANCE/DELAY LINES

(51) International classification :H01P 1/213
 (31) Priority Document No :61/179,963
 (32) Priority Date :20/05/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/034903
 Filing Date :14/05/2010
 (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

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(72)Name of Inventor :

1)ITOH Tatsuo

2)CHI Pei-Ling

(57) Abstract :

A diplexing apparatus and method which utilizes composite right/left-handed (CRLH) phase-advance/delay lines combined with a coupler. By engineering CRLH- based transmission lines with desired phase responses at two arbitrary frequencies of interest the connected CRLH delay line and/or CRLH coupler are excited in a manner such that signals at designated frequencies are separated to the corresponding output ports of the hybrid coupler. Benefits of the apparatus include elimination of design complexities such as optimization of the interconnection junctions and the harmonic spurious suppression involved in conventional filter-based diplexers. In addition channel isolation is beneficially achieved from the isolation property of directional couplers. Measured insertion loss on the implementations was found to be less than 1 dB with isolation greater than 20 dB in the dual bands. A high level of agreement was observed between simulated and measured results.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9555/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR CONTROLLING LOAD DYNAMICS IN A PUMPED REFRIGERANT COOLING SYSTEM

(51) International classification	:G05B 19/042
(31) Priority Document No	:12/474,083
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035089
Filing Date	:17/05/2010
(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

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(72)**Name of Inventor :**
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2)ROESCH James Richard
3)DONG Zhihai Gordon
4)DILL Stuart Lee

(57) Abstract :

A pumped refrigerant cooling system for use in a row of equipment racks is configured to contain electronic equipment. The system includes a communication network and a refrigerant distribution unit in fluid communication with a chilled refrigerant supply and a heated refrigerant return. A cooling module is in fluid communication with the refrigerant distribution unit by a supply line and a return line. The cooling module is coupled to the communication network, and includes an evaporator and a fan configured to direct air over the evaporator. A sensor package is configured to monitor temperature and pressure reference points provided in the pumped refrigerant cooling system and the equipment racks. The system further includes a controller forming part of the cooling module and coupled to the communication network and the sensor package. The controller, based on information obtained from the sensor package, is configured to manipulate the flow of refrigerant through the evaporator by controlling the delivery of refrigerant to the evaporator and is configured to manipulate the flow of air over the evaporator by controlling the speed of the fan.

No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9331/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND DEVICE FOR SCHEDULING TERMINALS

(51) International classification :H04W 72/12
(31) Priority Document No :200910107438.9
(32) Priority Date :19/05/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/072723
Filing Date :13/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)Xiaojiang HAN
2)Gang ZHAO

(57) Abstract :

The present invention discloses a method and device for scheduling terminals based on the measurement gap. The method comprises: when the system side needs to schedule a terminal in a measurement state of measurement gap not only judging whether the downlink scheduling information or the uplink authorization information of the terminal is sent during the period of measuring the measurement gap but also judging whether the downlink scheduling feedback the uplink data feedback or the uplink data corresponding to the uplink authorization is sent during the period of measuring the measurement gap and scheduling the terminal normally when none of the above information is sent during the period of measuring the measurement gap; the device comprises a judging module a scheduling module and a terminal information acquisition module. The present invention can simplify the processing for the terminal and save the resources of the system.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9332/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : FILE UPLOADING REALIZATION METHOD AND SYSTEM FOR WEB APPLICATION

(51) International classification :H04L 29/06
(31) Priority Document No :200910202985.5
(32) Priority Date :26/05/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/073938
Filing Date :15/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)Guanwei TIAN

(57) Abstract :

The present invention provides a method and system for implementing file uploading in a WEB application, and the scheme is as follows: a user of a client inputs a file to be uploaded into a security trusted control, and the security trusted control uploads the file input by the user to a FTP server and uploads information related to the file to a WEB server, the WEB server then sends the information related to the file to an interface message processor, so that the interface message processor downloads the file from the FTP server according to the information related to the file and sends the file to a media resource board (MRB) server. The scheme optimizes the current file uploading flow, eliminates the step of uploading the file from the client to the WEB server via the HTTP protocol, and directly uploads the file from the client to the FTP server via the FTP protocol, thereby solving the bottleneck problem in the file uploading flow in the prior art, and thus reducing the load of the WEB server and greatly improving the performance and stability of the WEB application, therefore, the scheme has a relatively strong applicability.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9333/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 15/03/2013

(5) Title of the invention : STENCIL PRINTING FRAME

(51) International classification	:B41F 15/36
(31) Priority Document No	:61/237,538
(32) Priority Date	:27/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2010/001627
Filing Date	:27/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MEEUS Tom Clara Louis
2)GODIJN Paul Wilem
3)BHATKAL Ravindra Mohan

(57) Abstract :

The present invention provides a stencil printing frame comprising a border member 5 and a foil sheet 65 attached thereto wherein the border member 5 is formed as a single piece having sides and corners that define the frame the single piece having two ends interlocked to form a joint on one corner or side and wherein at least one corner comprises abutting faces arranged to prevent relative movement of the faces. The invention further provides a method for forming the frame and for uses of the frame once formed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9334/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : PRECIPITATED POLYMERS

(51) International classification :C08F 226/10

(31) Priority Document No :09160344.9

(32) Priority Date :15/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/056512

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

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2)FAST Ina

3)FAST Ina

4)WERNER Rolf

(57) Abstract :

The present invention relates to precipitation polymers which comprise in copolymerized form 80 to 99.9% by weight of at least one nonionic water-soluble monomer a) and 0.1 to 20% by weight of a monomer b) carrying amide or urea groups. The invention further relates to the use of these polymers as rheology modifiers for in particular aqueous compositions and as rheology-modifying setting agents in hair cosmetics. The invention further relates to aqueous compositions comprising these polymers.

No. of Pages : 52 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9556/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PRETREATMENT METHOD FOR IMPROVING ANTIOXIDATION OF STEEL T91/P91 IN HIGH TEMPERATURE WATER VAPOUR

(51) International classification :C23C 24/08
(31) Priority Document No :201010111385.0
(32) Priority Date :22/02/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/000243
Filing Date :17/02/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
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2)Guangming LIU
3)Guangcheng ZHANG

(57) Abstract :

Disclosed is a pretreatment method for improving antioxidation of steel T91/P91 in high temperature water vapor which comprises applying a slurry including rare earth oxide on a substrate wherein the slurry is composed of rare earth oxide powder aluminum powder and a binder; holding the temperature at 600-800°C in a gas mixture environment of inert gas and water vapor for 24-48 hours after drying; cleaning away the solid powder left by the slurry on the surface and obtaining the substrate with a surface rich in chromium and having a small amount of rare earth oxide.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9596/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR OBTAINING IP ADDRESS OF DHCPV6 SERVER, DHCPV6 SERVER, AND DHCPV6 COMMUNICATION SYSTEM

(51) International classification :H04L29/06
(31) Priority Document No :200910107976.8
(32) Priority Date :11/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073187
Filing Date :25/05/2010
(87) International Publication No :WO 2010/142201 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)SHEN SHUO
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(57) Abstract :

The present invention relates to the field of communications, and in particular, relates to a method for obtaining an Internet Protocol (IP) address of a Dynamic Host Configuration Protocol version 6 (DHCPv6) server, a DHCPv6 server, and a DHCPv6 communication system. The method is applied in a scenario of communication through a DHCPv6 relay agent, and includes: receiving, by a DHCPv6 server, a message of a DHCPv6 client forwarded by a DHCPv6 relay agent; sending, by the DHCPv6 server, a response message to the DHCPv6 client through the DHCPv6 relay agent, in which a payload of the response message carries an IP address of the DHCPv6 server, so that the DHCPv6 client obtains the IP address of the DHCPv6 server from the response message.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9600/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : WIRELESS COMMUNICATION DEVICE AND WIRELESS COMMUNICATION METHOD

(51) International classification	:H04J99/00
(31) Priority Document No	:2009-159207
(32) Priority Date	:03/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004345
Filing Date	:01/07/2010
(87) International Publication No	:WO 2011/001690
	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)KISHIGAMI, TAKAAKI

(57) Abstract :

The overhead of notifications of other-user modulation information contained in individual control information in a multiuser-MIMO mode is reduced. A wireless communication device according to the invention includes: a pilot sequence allocation section which allocates pilot sequence numbers that are used in spatial multiplexing streams based on modulation information of the spatial multiplexing streams to a plurality of counterparty wireless communication devices that perform multiuser-MIMO transmission; a first modulation information generation section which generates modulation information and pilot sequence allocation number information that are related to a first spatial multiplexing stream addressed to a first counterparty wireless communication device of the plurality of counterparty wireless communication devices; and a second modulation information generation section which generates modulation information related to spatial multiplexing streams addressed to other counterparty wireless communication devices excluding the first counterparty wireless communication device, in order of pilot sequence numbers allocated to the spatial multiplexing streams addressed to the other counterparty wireless communication devices excluding the first counterparty wireless communication device. The wireless communication device notifies the first counterparty wireless communication device of the modulation information and pilot sequence allocation number information which are generated by the first modulation information generation section and the second modulation information generation section.

No. of Pages : 69 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9624/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : NOVEL INDOLE&NBSP; INDAZOLE AND BENZIMIDAZOLE ARYLAMIDES AS P2X3 AND/OR P2X2/3 ANTAGONISTS

(51) International classification	:C07D 401/04
(31) Priority Document No	:61/219,177
(32) Priority Date	:22/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/058757
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

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2)KRAUSS Nancy Elisabeth

(57) Abstract :

Compounds of the formula I: I or a pharmaceutically acceptable salt thereof wherein X Y Z R1 R2 R3 R4 and R5 are as defined herein. Also disclosed are methods of using the compounds for treating diseases associated with P2X3 and/or a P2X2/3 receptor antagonists and methods of making the compounds.

No. of Pages : 59 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9537/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DUAL FREQUENCY TRACKING LOOP FOR OFDMA SYSTEMS

(51) International classification :H04B1/38
(31) Priority Document No :61/221,461
(32) Priority Date :29/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040437
Filing Date :29/06/2010
(87) International Publication No :WO 2011/002790 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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5)CHALLA RAGHU N.

(57) Abstract :

Methods and apparatus for correcting frequency errors between a carrier frequency of a signal received by a wireless device and a reference frequency local to the device. For certain aspects, such a method generally includes receiving a signal in a receiver having an LO producing a reference frequency, a radio frequency (RF) phase-locked loop (PLL), and a digital rotator, estimating a frequency difference between a carrier frequency of the received signal and the LO reference frequency, and applying the estimated frequency difference to the RF PLL and the digital rotator.

No. of Pages : 38 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9658/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMBINATION DARK FIELD AND BRIGHT FIELD ILLUMINATOR

(51) International classification :F21V 8/00
(31) Priority Document No :12/501,325
(32) Priority Date :10/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039550
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

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2)DRISCOLL Thomas J.
3)OBRIEN Kyle M.

(57) Abstract :

Embodiments are disclosed of an apparatus including a curved reflector having an interior and an open end; a light module positioned around a perimeter of the open end of the reflector the light module including a first side having one or more interior light sources thereon to direct light toward the interior of the reflector and a second side having one or more exterior light sources thereon to direct light away from the reflector; and a light pipe coupled to the light module and aligned so that light from the one or more exterior light sources is launched into the light pipe. Other embodiments are also disclosed and claimed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9668/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MEDICAMENT CONTAINER HOLDER ARRANGEMENT

(51) International classification	:A61M5/32
(31) Priority Document No	:61/187,950
(32) Priority Date	:17/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2010/050846
Filing Date	:15/07/2010
(87) International Publication No	:WO 2010/147553
	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)BENDEK, ANTONIO

(57) Abstract :

The present invention relates to a medicament container holder arrangement comprising a medicament container holder 16 and a medicament container 18 wherein the medicament container holder 16 is provided with distally arranged support surfaces 25 for flanges 24 arranged on a distal part of the medicament container 18 to be placed in. said medicament container holder 16, which medicament container 18 is arranged with a needle shield 20 to the proximal end thereof, wherein said needle shield 20 has a diameter generally equal or larger than the diameter of said medicament container 18, wherein said medicament container holder arrangement further comprises holders arranged on the container holder for holding said medicament container 18 around a proximal shoulder portion 22 thereof and a resilient support element 23 arranged between the flanges 24 and the support surfaces 25 whereby the holders and the resilient support element 23 absorb and spread forces between the medicament container and the container holder.

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9689/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : TWO GLOBAL PRECISE TIMES FOR SYNCHRONIZATION

(51) International classification :H02J3/40
(31) Priority Document No :PA 2009 00652
(32) Priority Date :25/05/2009
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2010/050112
Filing Date :25/05/2010
(87) International Publication No :WO 2010/136041 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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(57) Abstract :

Method of controlling a wind power system comprising a plurality of system elements, said wind power system including a plurality of data processors distributed in said system elements, the method comprising the steps of: synchronizing at least a part of said data processors to at least one reference signal distributed to said data processors from a time synchronization arrangement, associating said data processors with local clock generation circuitries, wherein said local clock generation circuitries associated with data processors of a first subset of the data processors have a peak-to-peak tracking jitter higher than or equal to a predetermined threshold value and wherein a second subset of the data processors have a peak-to-peak tracking jitter less than said predetermined threshold value, controlling at least one of said system elements at least partly by means of a data processor from said first or second subset of data processors.

No. of Pages : 47 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9645/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PHOTOVOTAIC TILE FOR A ROOF

(51) International classification	:H01L31/048
(31) Priority Document No	:954068
(32) Priority Date	:17/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051219
Filing Date	:17/06/2010
(87) International Publication No	:WO 2011/004092
	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)AZOULAY, ALEXANDER

(57) Abstract :

The invention relates to a photovoltaic tile for a roof comprising a plurality of said tiles, at least two adjacent tiles of which at least partially overlap each other, including a body (12) having overlapping edges constituting a top edge (20) and a bottom edge (22), the top edge (20) being formed so as to cover the bottom edge (22) of at least one of the adjacent tiles, a photovoltaic layer (40), and electrical connectors (52) which are connected to the photovoltaic layer (40) by means of electrical conductors (54). The electrical connectors (52) are provided in assembly elements (57, 58) by nesting, said assembly elements being provided on the overlapping edges (20, 22) so as to enable said overlapping edges to be mutually positioned during the placement of two of the adjacent tiles (10) and the electrical contact of the electrical connectors (52) with each other. The invention also relates a method for manufacturing such tile.

No. of Pages : 40 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9649/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : APPARATUS AND METHOD FOR PERFORMING COMMUNICATION USING FRAME STRUCTURE SUPPORTING H-FDD OPERATION

(51) International classification	:H04B7/26
(31) Priority Document No	:61/218038
(32) Priority Date	:17/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/003928
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/147415 A9
(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)MOON, SUNG HO
3)CHO, HAN GYU
4)KWON, YEONG HYEON
5)KWAK, JIN SAM

(57) Abstract :

A method for performing communication using a frame structure that supports a half-frequency division duplex (H-FDD) operation and a device using the same are disclosed. A base station performs resource allocation scheduling to support H-FDD user equipment operation in a mobile communication system. For example, the base station allocates first, second and last uplink subframes for idle subframes within a specific frame or punctures them, so that the H-FDD user equipment does not use the uplink subframes. The base station transmits the scheduled resource allocation information to the user equipment through a super-frame header, a preamble and a MAP. The user equipment which has received the scheduled resource allocation information (sub-frame index and location that can be used by the user equipment) transmits and receives a signal based on the resource allocation information.

No. of Pages : 47 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9756/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : WIRELESS LAN ACCESS POINT DEVICE, MOBILE COMMUNICATION TERMINAL, COMMUNICATION METHOD, AND PROGRAM

(51) International classification	:H04W80/06
(31) Priority Document No	:2009-128035
(32) Priority Date	:27/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058895
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/137614
	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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TOKYO 108-8001 Japan
(72)**Name of Inventor :**
1)SEO, TAKAHIRO

(57) Abstract :

According to the present invention, throughput performance of a wireless LAN access point that provides a service via a mobile communication network is improved. When the wireless LAN access point receives from a wireless LAN client being subordinate to the wireless LAN access point a request for connection to a predetermined server, the wireless LAN access point respectively establishes separate communication connections with a side of the predetermined server and with a side of the wireless LAN client(s), and performs data transmission/reception control over data to be transmitted to or received from each of the wireless LAN client(s) and the predetermined server (as shown in).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9880/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : IMPROVED INTERNAL ELECTRIFICATION SCHEME FOR POWER GENERATION PLANTS

(51) International classification :H02J3/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2009/045795
Filing Date :01/06/2009
(87) International Publication No :WO 2011/059425 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)KRON, DENNIS
3)PAN, JIUPLING
4)CHEN, YAO
5)VESEL, RICHARD, W.
6)BABAE, ARASH, A.

(57) Abstract :

It is presented an apparatus for use in an electrical power generation plant. The apparatus comprises: at least two adjustable speed drives, each connected, on an alternating current side, to an associated auxiliary-motor; at least one reactive power consuming auxiliary-device connected to an alternating current bus; a controller; and a converter for converting alternating current to direct current or vice versa between the alternating current bus and a direct current bus; at least one electrical power source arranged to provide power to the direct current bus; and wherein each of the at least two adjustable speed drive is connected, on a direct current side, to the direct current bus.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9507/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ATTACHMENT AND REMOVAL OF FANS WHILE IN OPERATION AND WITHOUT THE NEED FOR TOOLS

(51) International classification	:H05K 7/20
(31) Priority Document No	:12/474,094
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035092
Filing Date	:17/05/2010
(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 :**
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RI 02892 United States of America
(72)**Name of Inventor :**
1)GRANTHAM Roy

(57) Abstract :

Disclosed is an air containment cooling system for containing air between two rows of equipment racks. The air containment cooling system comprises a canopy assembly configured to enclose a hot aisle defined by two rows of equipment racks and a cooling system embedded within the canopy assembly the cooling system being configured to cool air disposed within the hot aisle the cooling system including a heat exchanger a mounting plate coupled to the canopy assembly and a fan assembly configured to move air to the heat exchanger the fan assembly being releasably mounted on the mounting plate. The fan assembly may include a fan unit having a fan and a motor and a mounting ring configured to mount the fan unit thereon. The mounting ring may have at least one mounting post configured to pass through a key slot formed in the mounting plate.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9508/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR THE MEASUREMENT OF MULTIPLE EMISSIONS FROM MULTIPLE PARALLEL FLOW CHANNELS IN A FLOW CYTOMETRY SYSTEM

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:61/222,509	1)SONY CORPORATION
(32) Priority Date	:02/07/2009	Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-
(33) Name of priority country	:U.S.A.	0075 Japan
(86) International Application No	:PCT/	2)SONY CORPORATION OF AMERICA
Filing Date	US2010/040923	(72)Name of Inventor :
(87) International Publication No	:02/07/2010	1)DURACK Gary
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for the measurement of multiple emissions in multiple flow channels in a flow cytometry system is disclosed where each excitation source is modulated with a different frequency. A single detector is used to collect the fluorescent emissions excited by all sources in all flow channels and the emissions are segregated using Fourier Transform techniques. The system and method are well-suited to microfluidic applications.

No. of Pages : 39 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9509/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : CHEMICAL TONERS COMPRISING MODIFIED PIGMENTS

(51) International classification	:G03G 9/08
(31) Priority Document No	:61/269,069
(32) Priority Date	:19/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001729
Filing Date	:16/06/2010
(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 :

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(72)Name of Inventor :

1)CARROLI Joseph B.

2)ZHANG Qingling

(57) Abstract :

The present invention relates to chemical toner compositions comprising a resin and a polymer modified pigment comprising a pigment having attached at least one polymeric group. The polymer modified pigment comprises the reaction product or combination product of a modified pigment comprising the pigment having attached at least one organic group which comprises at least one first functional group and at least one polymer comprising at least one second functional group.

No. of Pages : 52 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9510/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : BIAXIALLY-ORIENTED POLYESTER FILM FOR USE AS WRAP-AROUND CONTAINER LABEL&NBSP; AND WRAP-AROUND CONTAINER LABEL

(51) International classification	:C08J 5/18
(31) Priority Document No	:2009-136513
(32) Priority Date	:05/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059232
Filing Date	:01/06/2010
(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

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(72)**Name of Inventor :**
1)ITO Hideki
2)IWASAKI Masakazu

(57) Abstract :

The present invention provides a biaxially-oriented polyester film for a wrap-around label used for a beverage container that comprises a polyester having low oligomer content causes no loss of productivity or quality of the film and is not likely to cause problems due to static electricity. A biaxially-oriented polyester film for a wrap-around label used for a container is a biaxially oriented polyethylene terephthalate film and contains 9000 ppm or less of ethylene terephthalate cyclic trimer has a molten specific resistance of within 1.0 — 108 Ocm and at least one surface of the film has a surface resistivity of 13 logO or less under a relative humidity of 65% and a wrap-around label for a container produced from said film.

No. of Pages : 52 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9511/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : PIVOTABLE PROPELLER NOZZLE FOR A WATERCRAFT

(51) International classification	:B63H 5/14
(31) Priority Document No	:10 2010 002 213.6
(32) Priority Date	:22/02/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/052599
Filing Date	:22/02/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Becker Marine Systems GmbH & Co. KG

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(72)Name of Inventor :

1)LEHMANN Dirk

(57) Abstract :

In a propeller nozzle (100) for watercraft with a stationary propeller (30) and a nozzle ring (10) that shrouds the propeller (30) and can be pivoted by means of a nozzle shaft (20) it is proposed to realize the nozzle shaft (20) in the form of a hollow body in order to achieve a constructively simple and simultaneously stable connection between the nozzle shaft (20) and the nozzle ring (10).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9335/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : APPARATUS AND METHOD FOR FACILITATING PRIORITY INDICATION AND QUEUING FOR AN ACCESS TERMINAL

(51) International classification :H04W 72/10

(31) Priority Document No :61/221,495

(32) Priority Date :29/06/2009

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

(86) International Application No :PCT/US2010/040497

Filing Date :29/06/2010

(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

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UNITED STATES OF AMERICA

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2)WANG Jun

3)NASIELSKI John W.

4)GOGIC Aleksandar M.

(57) Abstract :

A method and apparatus facilitating priority indication and queuing for an access terminal is provided. The method may comprise receiving an access request from an access terminal (AT) determining that the AT is a priority AT and that no resources are available in response to the access request transmitting an access deny message to the priority AT queuing the access request until a resource becomes available and transmitting a resource available message to the priority AT upon a determination that a resource has become available.

No. of Pages : 38 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9336/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : RESOURCE BLOCK REUSE FOR COORDINATED MULTI-POINT TRANSMISSION

(51) International classification :H04W 28/04

(31) Priority Document No :61/187,804

(32) Priority Date :17/06/2009

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

(86) International Application No :PCT/US2010/039084

Filing Date :17/06/2010

(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

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(72)Name of Inventor :

1)ZHAO Lu

2)BRUECK Stefan

3)DEKORSY Armin

4)GRANZOW Wolfgang

(57) Abstract :

Methods apparatus and computer program products are provided to improve the efficiency of resource allocation in wireless communication networks. In one provided embodiment a wireless communication device determines a received signal strength of each of a number of signals received from a number of transmission sectors provides first channel information for first signals including a signal having a highest received signal strength and signals having a received signal strength above a specified level relative to the highest received signal strength provides second channel information for second signals including signals having a received signal strength below the specified level and receives an allocation of one or more resource blocks from assigned transmission sectors based on a ranking of the first channel information whereby the one or more resource blocks are reallocated to another wireless communication device from another transmission sector based on the second channel information.

No. of Pages : 54 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9337/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND DEVICE FOR CONFIGURING AND SENDING DOWNLINK CSI REFERENCE SIGNAL

(51) International classification	:H04L 27/26
(31) Priority Document No	:200910084458.9
(32) Priority Date	:14/05/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072707
Filing Date	:13/05/2010
(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 :**
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(72)**Name of Inventor :**
1)XU, JING
2)MIAO, DESHAN
3)CHEN, JUN
4)XIAO, GUOJUN

(57) Abstract :

A method for configuring and sending a downlink CSI reference signal is provided. The method comprises: an eNB configures the downlink CSI reference signal and sends configuration information of the downlink CSI reference signal to a UE, wherein the configuration information comprises a starting subframe number and/or a cycle of the downlink CSI reference signal; the eNB sends the downlink CSI reference signal to the UE according to the configuration information of the downlink CSI reference signal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9338/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:G02F1/1333
(31) Priority Document No	:2009-144370
(32) Priority Date	:17/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057042
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/146934
	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)YOKOTA, MASASHI

(57) Abstract :

The present invention provides a display device that can be provided as a final product such as a television receiver simply by assembling a display panel and a backlight and is excellent in workability in assembling the panel to the backlight while securing a wide effective display region. A display device 100 according to the present invention includes a light source 50, a display panel 11, a first cabinet Ca, and a second cabinet Cb. The display panel 11 is configured to provide display using light from the light source 50. The display panel 11 is attached to the first cabinet Ca. The light source 50 is attached to the second cabinet Cb. The first cabinet Ca and the second cabinet Cb are engaged with each other. The first cabinet Ca and the second cabinet Cb are configured as an outer case that constitutes an exterior of the display device 100.

No. of Pages : 45 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9743/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : ELECTRODE MIX, ELECTRODE, AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY

(51) International classification	:H01M4/1391
(31) Priority Document No	:2009-127497
(32) Priority Date	:27/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059299
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/137730
	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)YAMAGUCHI, TAKITARO
2)KAGEURA, JUN-ICHI

(57) Abstract :

An electrode mixture comprising a lithium nickel manganese composite metal oxide having an average particle diameter of 1 μm or less, an electrically conductive material and an overcharge inhibition material. The electrode mixture in which the overcharge inhibition material is an aromatic compound. The electrode mixture in which the overcharge inhibition material is one or more members selected from the group consisting of an aramid, a polyether, a polysulfone and a polyethersulfone. An electrode comprising the electrode mixture. A nonaqueous electrolyte secondary battery comprising a positive electrode, a negative electrode capable of being doped and dedoped with lithium ions, a separator and a nonaqueous electrolytic solution, wherein the positive electrode is the electrode described above.

No. of Pages : 50 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9749/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMBINATION OF A LEUCINE SOURCE AND AN OMEGA-3 UNSATURATED FATTY ACID SOURCE FOR US IN THE TREATMENT OF HYPERCALCAEMIA

(51) International classification	:A61K31/198
(31) Priority Document No	:PCT/NL2009/050297
(32) Priority Date	:27/05/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/NL2010/050319
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/137979 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)FABER, JOYCE

3)VAN HELVOORT, ADRIANUS LAMBERTUS

BERTHOLDUS

4)HAGEMAN, ROBERT, JOHAN, JOSEPH

(57) Abstract :

The present invention relates to a combination of a leucine source and at least one unsaturated fatty acid source for prophylactic or therapeutic treatment of hypercalcaemia. The invention further relates to a combination of a leucine source and at least one unsaturated fatty acid source for reducing or avoiding a reduction in bone mineral density in a subject or for in vivo regulating of the blood plasma calcium homeostasis.

No. of Pages : 45 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.9342/CHENP/2011 A

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING AUTHENTICATION FOR CARD NOT PRESENT TRANSACTIONS USING MOBILE DEVICE

(51) International classification :G06Q20/00
(31) Priority Document No :61/183,631
(32) Priority Date :03/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/037054
Filing Date :02/06/2010
(87) International Publication No :WO 2010/141573 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)SAM OON, SOON GUAN
4)FISHER, DOUGLAS
5)DIMMICK, JAMES, DENE
6)DOMINGUEZ, BENEDICTO, HERNANDEZ
7)KIM, IN-TCHANG

(57) Abstract :

A system, apparatus, and method includes infrastructure and processes to enable a consumer to register their mobile phone number and associate that number with a payment account. After registration, the consumer may use their mobile phone to initiate or perform one or more stages of a payment transaction. The payment transaction is recognized as being initiated or performed by a mobile phone, and in response a server may authenticate the transaction based on the mobile phone number and a previous registration and authentication process. In other embodiments, the server may recognize the payment transaction as being initiated or performed by a mobile phone, and in response contact the consumer using the mobile phone to request confirmation of the consumer's desire to perform the transaction.

No. of Pages : 41 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9344/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR STREAMING AND ARCHIVING VIDEO WITH GEOGRAPHIC ANCHORING OF FRAME CONTENTS

(51) International classification	:G06T7/40
(31) Priority Document No	:199366
(32) Priority Date	:14/06/2009
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IB2010/052639
Filing Date	:14/06/2010
(87) International Publication No	:WO 2010/146522
	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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1)LITTWITZ, ELON
2)OLIKER, YEHUDITH
3)ADI, IDAN

(57) Abstract :

A system and method for generating compressed video with geographically-anchored-video functionality includes processing frames from a source video sequence by matching image content of the frames to image data from a geographic database to derive the geographic locations of pixels within at least part of the frames. The source video sequence is then compressed by a lossy video compression technique to generate a compressed video sequence, and the compressed video sequence is encoded together with data indicative of the geographic locations of pixels as a composite data stream. Also disclosed are methods for selective video archiving and retrieval based on the geographical footprint of the image content.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1853/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/07/2012

(43) Publication Date : 15/03/2013

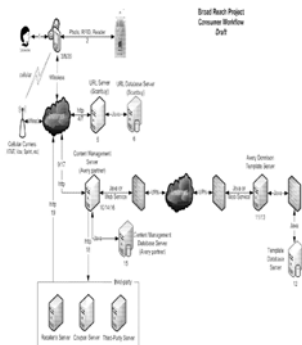
(54) Title of the invention : SYSTEM AND METHOD FOR THE MERCHANDISING AND DELIVERY OF CUSTOMIZED INFORMATION RELATED TO A SPECIFIC PRODUCT OF INTEREST TO A CONSUMER

(51) International classification :G06Q30/00
(31) Priority Document No :61/291,092
(32) Priority Date :30/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060658
Filing Date :16/12/2010
(87) International Publication No :WO 2011/090612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AVERY DENNISON CORPORATION
Address of Applicant :150 N. Orange Grove Blvd. Pasadena,
CA 91103 UNITED STATES OF AMERICA.
(72)Name of Inventor :
1)HOFFMAN, George
2)JOOSTE, Jeffrey, P.

(57) Abstract :

A system and method is provided for delivering customized information related to a specific product to a consumer. The consumer uses a suitably enabled portable, mobile and/or wireless device (such as a mobile camera phone) to scan or otherwise read a marker associated with a product, retail item or other article of interest. From the marker, a unique ID is obtained (i.e., the marker ID). The marker ID is then used to cross-reference a URL or other like address in a database that relates marker IDs to corresponding URLs. The target URL is returned to the consumer's device and an http session is established with a content management server at the target URL. In one embodiment, the content management server obtains a SKU and/or template web page ID related to the specific product with which the marker was associated. Customized information related thereto can be delivered to the consumer's device.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1854/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/07/2012

(43) Publication Date : 15/03/2013

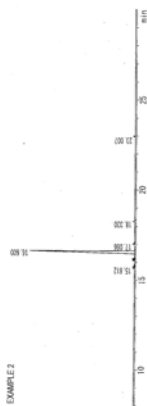
(54) Title of the invention : BASE OIL FOR COOLING DEVICE, DEVICE-COOLING OIL CONTAINING THE BASE OIL, DEVICE TO BE COOLED BY THE COOLING OIL, AND DEVICE COOLING METHOD USING THE COOLING OIL

(51) International classification :C10M107/10,C10N20/00,C10N20/02
(31) Priority Document No :2009-291778
(32) Priority Date :24/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/069664
Filing Date :05/11/2010
(87) International Publication No :WO 2011/077839
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)IDEMITSU KOSAN CO., LTD.
Address of Applicant :1-1, Marunouchi 3-chome Chiyoda-ku,
Tokyo 1008321 JAPAN
(72)Name of Inventor :
1)TSUBOUCHI, Toshiyuki

(57) Abstract :

Disclosed is a base oil for cooling a device, which contains 30 mass% or more of a hydrocarbon compound having a methyl group and a methylene group at the terminal of the main chain thereof in the total number of 16 or more and has a methyl branch and an ethyl branch in the total number of 1 or less in the molecule, and which has a kinematic viscosity of 4 to 30 mm²/s inclusive at 40°C. A device-cooling oil containing the base oil has excellent electrical insulation properties and excellent heat conductivity and is therefore suitable for cooling a motor, a battery, an inverter, an engine, an electric cell or the like in an electric powered car or a hybrid car.



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

(54) Title of the invention : MEASUREMENT DEVICE AND SENSOR PLACEMENT METHOD

(51) International classification :A61B5/1486
 (31) Priority Document No :2009-291706
 (32) Priority Date :24/12/2009
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/071000
 Filing Date :25/11/2010
 (87) International Publication No :WO 2011/077893
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ARKRAY, Inc.

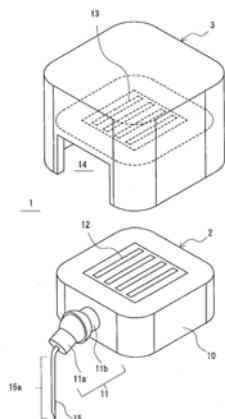
Address of Applicant :57, Nishiaketa-cho, Higashikujo, Minami-ku Kyoto-shi Kyoto 6018045 JAPAN

(72)Name of Inventor :

1)TSUKADA, Masashi**2)KUSAKA, Yasuhide****3)YAMAMOTO, Akihiro**

(57) Abstract :

Provided are a measurement device, a sensor unit, and a sensor placement method using those, which enable the suppression of the occurrence of a situation in which when a measurement is carried out with a sensor implanted under the skin, the implanted sensor becomes faulty. A sensor unit (2) is used for measuring numerical information relating to a substance contained in a body fluid in a body. The sensor unit (2) is provided with a sensor (15) a part of which is placed under the skin and generates a signal according to the state of the substance, a base (10) which is disposed on the skin and holds the sensor (15), a variable mechanism (11) which is attached to the base (10) and enables the position and/or the direction of the sensor (15) with reference to the base (10) to be varied, and an external terminal (12) which is provided in the base (10) and leads the signal generated by the sensor (15) to the outside.

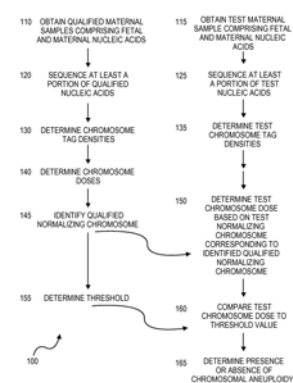


No. of Pages : 70 No. of Claims : 15

(54) Title of the invention : SEQUENCING METHODS AND COMPOSITIONS FOR PRENATAL DIAGNOSES

<div>(51) International classification :C12Q1/68,C12P19/34</div> <div>(31) Priority Document No :61/296,358</div> <div>(32) Priority Date :19/01/2010</div> <div>(33) Name of priority country :U.S.A.</div> <div>(86) International Application No :PCT/US2010/058614</div> <div> Filing Date :01/12/2010</div> <div>(87) International Publication No :WO 2011/090559</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)VERINATA HEALTH, INC. Address of Applicant :800 Saginaw Drive Redwood City, CA 94063 UNITED STATES OF AMERICA.</div> <div>(72)Name of Inventor : 1)RAVA, Richard, P. 2)CHINNAPPA, Manjula 3)COMSTOCK, David, A. 4)HEILEK, Gabrielle 5)RHEES, Brian, Kent</div>
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(57) Abstract :
The invention provides methods for determining aneuploidy and/or fetal fraction in maternal samples comprising fetal and maternal cfDNA by massively parallel sequencing. The method comprises a novel protocol for preparing sequencing libraries that unexpectedly improves the quality of library DNA while expediting the process of analysis of samples for prenatal diagnoses.



No. of Pages : 130 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1205/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 15/03/2013

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

(51) International classification	:A61B6/00	(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)AMIT IKALE
(87) International Publication No	: NA	2)RAHUL THOTA
(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 method and a system for detecting an anatomical structure (35) in a medical data (30), wherein the method comprises receiving the medical data (30) associated with the anatomical structure (35), comparing a test value of context features of each unit point of the medical data (30) with a range assigned to reference context features of the medical data (30), wherein the reference context features are derived using information from a neighborhood of the anatomical structure from a training medical data, assigning a score to each unit point as a function of the comparison, and detecting the presence of the anatomical structure (35) in the medical data (30) based on the score of the unit points.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1213/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : A NOVEL METHOD OF ISOLATION OF TLR4 FROM CELL LYSATES OF MONONUCLEAR CELLS

(51) International classification

:A61P25/00

(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)INSTITUTE OF LIFE SCIENCES

Address of Applicant :(DEPARTMENT OF BIOTECHNOLOGY), GOVERNMENT OF INDIA, BHUBANESWAR 751 023, ORISSA, INDIA

(72)Name of Inventor :

1)SANTOSH KUMAR PANDA

2)BALACHANDRAN RAVINDRAN

(57) Abstract :

A novel method of isolation of TLR4 from cell lysates of mononuclear cells comprising: collecting bovine adult filarial parasites (*Setaria digitata*); preparing aqueous extracts of *setaria digitata* (Fag) to produce affinity purified filarial glycoprotein (AgW); isolating human PBMCs from heparinised venous blood samples; subjecting the isolated human PBMCs to the step of incubation to produce PBMC lysates; coupling the said AgW with CNBR activated sepharose; loading the AgW coupled with sepharose and PBMC lysates to an affinity purification column to isolate the receptor recognizing AgW and detecting the reactivity of anti-receptor antibodies and anti-human TLR4 antibodies to the affinity purified receptor using peroxidase conjugated anti-rabbit IgG (in solidphase assay).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1861/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : PANEL MOUNTING SYSTEM

(51) International classification :F24J2/52,E04F13/08,E04B2/88
(31) Priority Document No :1001892.7
(32) Priority Date :05/02/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/050178
Filing Date :03/02/2011
(87) International Publication No :WO 2011/095808
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LATCHWAYS PLC
Address of Applicant :Hopton Park, Devizes, Wiltshire SN10
2JP, U.K.
(72)**Name of Inventor :**
1)SEYMOUR, Jonathan
2)SAINSBURY, James
3)BISSETT, Timothy

(57) Abstract :

A panel mounting system for mounting a panel (particularly a solar panel) to a structure. A load element connects a panel retainer to the roof structure and plastically deforms to a deformed configuration upon application of a predetermined threshold load to the load element. The load element typically has a cranked initial condition and elongates during plastic deformation. The mounting system prevents roof damage due to wind loading on the panels.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1862/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : ROLLER LEVELER

(51) International classification :B21D1/05
(31) Priority Document No :2010-017988
(32) Priority Date :29/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/003951
Filing Date :15/06/2010
(87) International Publication No :WO 2011/092754
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)JP STEEL PLANTECH CO.

Address of Applicant :3-1, Kinko-cho, Kanagawa-ku,
Yokohama-city, Kanagawa 2210056 JAPAN

(72)Name of Inventor :

1)ABE, Keizo

2)AOYAMA, Toru

3)KUSANAGI, Yutaka

4)OKAZAKI, Nobumasa

(57) Abstract :

Even if a number of corrective rollers used to correct steel sheets is comparatively low, when the pitches of said rollers are changed, the disclosed roller leveler makes it possible to roughly equalize the pitches of the corrective rollers in the transfer direction of the steel sheets. Said corrective rollers are arranged in a zigzag pattern. The disclosed roller leveler (1), which has a comparatively simple structure, is provided with: a first roller group (2) that has first corrective rollers (4 to 7) arranged with a pitch P1 in the steel-sheet transfer direction; a second roller group (3) that has five second corrective rollers (9 to 13) that are arranged, with a pitch P1 in the steel-sheet transfer direction, in a zigzag pattern with respect to the first corrective rollers (4 to 7); a first pull-back mechanism (29) that pulls first corrective rollers (5 and 6) back from the transfer path (PL); and second pull-back mechanisms (32 and 33) that pull second corrective rollers (9, 10, 12, and 13) back from the transfer path (PL). The second roller group (3) is provided with third corrective rollers (8 and 14) that are disposed at a pitch P1 in the steel-sheet transfer direction with respect to second corrective rollers (9 and 13).

No. of Pages : 66 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1206/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 15/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ANALYZING A SUBSTANCE

(51) International classification	:H01L33/48	(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)VARUN AKUR VENKATESAN
(87) International Publication No	: NA	2)VENKATASUBRAMANIAM KALAMBUR
(61) Patent of Addition to Application Number	:NA	3)DAVID SCHINKEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (10) for analyzing a substance (22) is presented. The system (10) includes a plurality of LED light sources (14) adapted to emit light (18) to the substance (22), wherein different LED light sources (14) are adapted to emit different spectra of light, a control unit (16) for controlling the intensity of the emitted light (18) of each of the plurality of LED light sources (14), and a photoreceiver (26) adapted to receive a light (24) from the substance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1207/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

(43) Publication Date : 15/03/2013

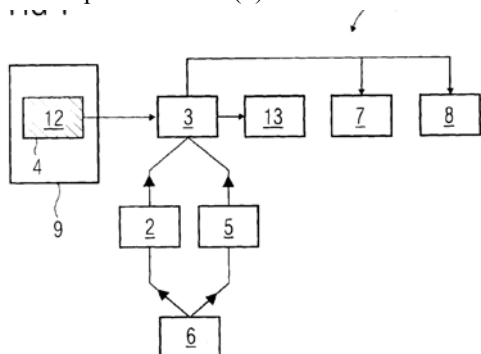
(54) Title of the invention : A SYSTEM AND METHOD FOR MANAGING DEVELOPMENT OF A TEST PIECE OF CODE

(51) International classification :G06F9/44
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2 80333
MÜNCHEN, GERMANY
(72)Name of Inventor :
1)MAHESH MURALIDHARAN
2)PRAKRIYA VENKATA RAMANA MURTHY

(57) Abstract :

A system (1) for managing development of a test piece of code (2), wherein the test piece of code (2) is adapted to be used for graphical user interface application testing, the system (1) includes a processor (3) adapted to receive a set (12) of high-level events (4) and atleast one of the test piece of code (2) or a test low-level event (5) based on the test piece of code, to map atleast the test piece of code (2) or the test low-level event (5) onto one of the high-level event (4), and to determine coverage (13) of high-level event (4) by atleast one of the test piece of code (2) or the test low- level event (5) on a basis of the mapping, wherein the high- level event (4) is derived from one or more test low-level events (5) and the test low-level event (5) is a representation of change in state on executing the test piece of code (2).



No. of Pages : 19 No. of Claims : 14

(54) Title of the invention : AN AUTOMATIC DEFECT RECOGNITION SYSTEM FOR REAL TIME RADIOGRAPHY OF STRAIGHT-TUBE BUTT WELD JOINTS

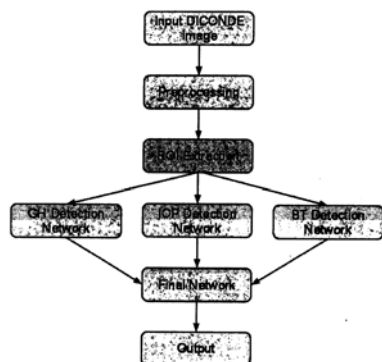
(51) International classification :B24B
7/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :**1)BHARAT HEAVY ELECTRICALS LIMITED**

Address of Applicant :REGIONAL OPERATIONS
DIVISION (ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
FORT, NEW DELHI-110049, INDIA

(72)Name of Inventor :**1)RAMESH JAGANNATHRAO PARDIKAR****2)DEEPESH VIMALAN****3)KRISHNAN BALASUBRAMANIAM****4)VADDADI SRINIVASA CHAKRAVARTHY****5)SRICHARAN AMARNATH****6)KARTHIK KRISHNAMOORTHY****(57) Abstract :**

The invention relates to an automatic defect recognition system for real time radiography (RTR) of straight tube butt welds, comprising a constant potential mini-focal X-Ray equipment, a swiveling device, a digital flat panel detector (imaging device) capable of acquiring and processing digital X-ray images, a display device to exhibit the captured and processed images, a means for defect recognition and evaluation of straight tube butt weld joints. The RTR system is configured to expose the butt joints to X-Rays, acquiring the X-Ray images of the butt joints and displaying in the display device, process the acquired images in respect of enhancing the image quality, detect the possible defects in the joints based on the processed data, classify the detected defects into respective categories, compare the defects with pre-stored values according to the standard and automatically indicate acceptance or rejection of the defects.



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

(54) Title of the invention : STATOR OF A PERMANENTLY EXCITED ROTATING ELECTRIC MACHINE

(51) International classification :H02K1/16,H02K3/28
 (31) Priority Document No :10 2010 001 619.5
 (32) Priority Date :05/02/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2010/070929
 Filing Date :30/12/2010
 (87) International Publication No :WO 2011/095266
 (61) 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

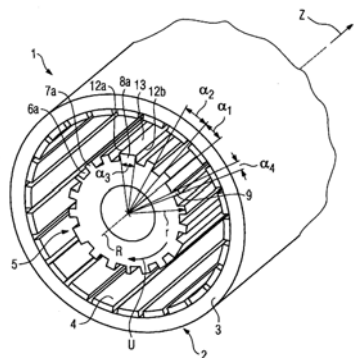
Address of Applicant :Wittelsbacherplatz 2, 80333 München, GERMANY

(72)Name of Inventor :

1)MÖHLE, Axel

(57) Abstract :

The invention relates to a stator of a permanently excited rotating electric machine (1), wherein a first central tooth (8a) having a first central tooth width MB is disposed in the centre of a first coil group (10a), wherein the stator (5) has a second coil group (10b), wherein the first and the second coil groups are disposed so that they directly follow one another in the circumferential direction (U), wherein a first boundary tooth (9) having a first boundary tooth width RB is disposed between the first and the second coil groups, wherein the first boundary tooth width RB is substantially $RB = a \cdot ZB$ and the first central tooth width MB is substantially $MB = (2 - a) \cdot ZB$, wherein the factor a is greater than 0 and less than 1. The invention makes it possible to reduce detent moments and/or oscillating moments occurring in a permanently excited rotating electric machine (1).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1209/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011

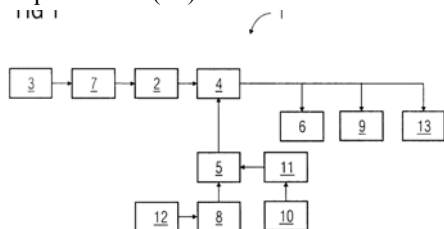
(43) Publication Date : 15/03/2013

(54) Title of the invention : A SYSTEM FOR PRIORITIZING VIOLATIONS IN A PIECE OF CODE

(51) International classification	:G06Q 40/00	(71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :WITTELSBACHERPLATZ 2 80333 MÜNCHEN, GERMANY
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SHRINATH GUPTA
Filing Date	:NA	2)GANESH SAMARTHYAM GOVINDACHETTY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system (1) for prioritizing violations (2) in piece of code (3) includes a prioritizer (4) for receiving a set of violations (2) identified in the piece of code (3) and a set of priority factors (5) based on specification requirements 12, and prioritizing the violations (2) to provide a priority number (6) to each violations (2) by using the priority factors (5), wherein the violations (2) are non- compliance to a software design used for developing the piece of code (3) and the software design is modeled on the basis of specification requirements (12).



No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1857/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATING GLIOBLASTOMA GBM

(51) International classification	:C12N15/00,C07H21/02	(71)Name of Applicant :
(31) Priority Document No	:61/282,228	1)VASCULAR BIOGENICS LTD.
(32) Priority Date	:05/01/2010	Address of Applicant :6 Yoni Netanyahu Street, 60376 Or
(33) Name of priority country	:U.S.A.	Yehuda ISRAEL
(86) International Application No	:PCT/IL2011/000009	(72)Name of Inventor :
Filing Date	:05/01/2011	1)COHEN, Yael
(87) International Publication No	:WO 2011/083466	2)BANGIO, Livnat
(61) Patent of Addition to Application	:NA	3)BRENNER, Andrew, J.
Number	:NA	4)BREITBART, Eyal
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods of treating a malignant glioma in a subject are disclosed. The methods comprise administering to the subject a therapeutically effective amount of a viral vector comprising: (i) a first polynucleotide sequence encoding a Fas-chimera (Fas c), said first polynucleotide sequence comprising SEQ ID NOs: 2 and 3; and (ii) a second polynucleotide sequence encoding an endothelial cell-specific promoter or a periendothelial cell-specific promoter.

No. of Pages : 70 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1859/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : ANIMAL SYSTEM TOILET AND LIQUID PERMEABLE PANEL USED THEREWITH

(51) International classification	:A01K23/00,A01K1/015	(71)Name of Applicant :
(31) Priority Document No	:2009-298783	1)Uni-Charm Corporation
(32) Priority Date	:28/12/2009	Address of Applicant :182, Shimobun, Kinsei-cho,
(33) Name of priority country	:Japan	Shikokuchuo-shi, Ehime, 7990111 JAPAN
(86) International Application No	:PCT/JP2010/005941	(72)Name of Inventor :
Filing Date	:04/10/2010	1)MATSUO, Takayuki
(87) International Publication No	:WO 2011/080853	2)HIRAO, Tomoko
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An animal system toilet is provided that allows for easy cleaning while almost completely eliminating wet feet due to urine during excretion and contamination of a room due to the wet feet, and a disposable liquid permeable panel for an animal system toilet is provided that allows for easy cleaning of the animal system toilet and that can remarkably prevent wet feet during excretion using the animal system toilet and contamination of a room caused by the wet feet. An animal system toilet is used that includes: an excrement storage unit 21; a liquid permeable panel 3 that is disposed above the excrement storage unit 21 and passes liquid through; and a supporting unit 4 that supports the liquid permeable panel 3 while forming a space between the excrement storage unit 21 and the liquid permeable panel 3, in which the liquid permeable panel 3 has water absorbency and is configured to be detachable with respect to the supporting portion 4.

No. of Pages : 30 No. of Claims : 13

(54) Title of the invention : A SEPARATOR

(51) International classification :B01D45/08,F01M13/02,F01M13/04
 (31) Priority Document No :1001876.0
 (32) Priority Date :05/02/2010
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2011/050043
 Filing Date :13/01/2011
 (87) International Publication No :WO 2011/095790
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)PARKER HANNIFIN MANUFACTURING (UK) LTD.
 Address of Applicant :Parker House, 55 Maylands Avenue,
 Hemel Hempstead, Hertfordshire HP2 4SJ, U.K .
 (72)**Name of Inventor :**
1)COPLEY, Daniel, John
2)MINCHER, Adrian, Richard

(57) Abstract :

A separator (10) for separating contaminants from a fluid stream. The separator comprises first and second chambers (60,80) coupled by an aperture (66) through which fluid can pass. The first chamber (60) having a first inlet arranged to receive a first fluid stream including entrained contaminants. An actuator (64) is arranged to adjust the cross sectional area of the aperture (66) according to a pressure differential between fluid pressure in the first chamber (60) and a pressure reference (82). An impaction surface (68) is coupled to the second chamber (80) and arranged to deflect the first fluid stream after the first fluid stream enters the second chamber (80) such that contaminants are separated from the first fluid stream. A pump (12) is arranged to generate a pressure differential across the aperture (66) to draw the first fluid stream through the aperture (66). The pump (12) comprises a third chamber (110) having a second inlet (50) for receiving a second fluid stream into the third chamber (110) the second inlet (50) including a convergent nozzle (52) for accelerating the second fluid stream and a third inlet (54) for receiving the first fluid stream downstream of the impaction surface (68) the third inlet (54) being arranged relative to the second inlet (50) such that the second fluid stream can entrain and accelerate the first fluid stream. In one embodiment the first and second chambers (60 80) are defined by inner and outer tubes and a fourth chamber (82) is separated by the first and second chambers (60,80) by the actuator (64) which comprises a diaphragm (64) which closes off the second end of the outer tube the fourth chamber (82) having a gas inlet to maintain the pressure reference (82). The diaphragm (64) is arranged to move along the longitudinal axis of the tubes to adjust the cross sectional area of the aperture (66) according to a pressure differential between fluid pressure in the first chamber (60) and fluid pressure in the fourth chamber (82).

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1873/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : PROPORTIONAL VALVE ASSEMBLY

(51) International classification :F15B11/00,F15B13/042,F15B13/04

(31) Priority Document No :12/690,724

(32) Priority Date :20/01/2010

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

(86) International Application No :PCT/IB2011/000072

Filing Date :19/01/2011

(87) International Publication No :WO 2011/089503

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)EATON CORPORATION

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Cleveland, OH 44114-2584, U.S.A

(72)Name of Inventor :

1)GEHLHOFF, Wade, L.

2)SCHOTTLER, Chris, M.

(57) Abstract :

A valve assembly includes a valve housing (80) defining a service passage (94) a first bore (98) in fluid communication with the service passage a first passage (120) a second bore (100) in communication with the service passage and a second passage (130). The first bore has an inlet portion (114) a first service portion (116) in communication with the service passage and a first load holding portion (118). The first passage is in communication with the first load holding portion and the service passage. The second bore has a return portion (124) a second service portion (126) in fluid communication with the first service passage and a second load holding portion (128). The second passage (130) is in selective communication with the second load holding portion of the second bore and the return passage. A valve is disposed in the second passage. The valve (132) allows fluid to flow only in a direction from the second load holding portion to the return passage.

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

(54) Title of the invention : METHOD OF MANUFACTURING THE SILICA NANOPOWDERS WITH BIOCIDAL PROPERTIES, ESPECIALLY FOR POLYMER COMPOSITES

(51) International classification :C08K9/02,C09C1/30,C23C18/12
 (31) Priority Document No :P-390296
 (32) Priority Date :27/01/2010
 (33) Name of priority country :Poland
 (86) International Application No :PCT/PL2011/000008
 Filing Date :21/01/2011
 (87) International Publication No :WO 2011/093731
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

**1)INSTYTUT CHEMII PRZEMYSLOWEJ IM. PROF
 IGNACEGO MOSCICKIEGO**

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(72)Name of Inventor :

1)ZIELECKA, Maria

2)BUJNOWSKA, Elzbieta

3)WENDA, Magdalena

4)JEZIRSKA, Regina

5)CYRUCHIN, Krystyna

6)PYTEL, Anna

7)KEPSKA, Blanka

(57) Abstract :

Silica nanopowders with biocidal properties, especially for polymer composites, are produced by sol-gel method. The silica sol is produced from the aqueous mixture containing tetraalkoxysilane, in which alkoxy group contains from C1 to C4 carbon atoms, an alcohol or the mixture of aliphatic alcohols from C1 to C4, in the mole ratio of 1 : 5 to 1 : 35, in the presence of ammonium compound, used in an amount of from 0.001 to 0.05 mol per 1 mol of tetraalkoxysilane, with introducing, after thorough mixing of components, the silver salt in the form of aqueous solution in an amount from 0.02 to 1 mol per 1 mol of tetraalkoxysilane, and subsequently the aqueous solution of alkali metal hydroxide in an amount from 0.02 to 1 mol of hydroxide per 1 mol of tetraalkoxysilane. Silica nanopowders of the particle size of below 200 nm, contain silver nano- particles immobilized on silica with stable physicochemical and biocidal properties.

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

(54) Title of the invention : MEASUREMENT DEVICE AND METHOD FOR ANALYSING A SAMPLE GAS BY INFRARED ABSORPTION SPECTROSCOPY

(51) International classification :A61B5/083,A61K51/12,G01N21/35
 (31) Priority Document No :10 2009 055 320.7
 (32) Priority Date :24/12/2009
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2010/070407
 Filing Date :21/12/2010
 (87) International Publication No :WO 2011/076803
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)HUMEDICS GMBH
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 (72)**Name of Inventor :**
1)HEYNE, Karsten
2)RUBIN, Tom

(57) Abstract :

The invention relates to a measurement device and to a method for analyzing a sample gas by infrared absorption spectroscopy. The measurement device comprises: a measurement chamber (2) with the sample gas to be analyzed, a laser (1) being arranged in relation to the measurement chamber (2) such that the light emitted from the laser radiates through the measurement chamber (2), a detection device (61) detecting the light being emitted from the laser (1) and radiated through the measurement chamber (2), and an evaluation unit (8) evaluating signals generated by the detection device (61) regarding a light absorption occurred in the measurement chamber (2). Provision is made that the laser (1) is a narrowband emitting laser, the line width of which is smaller or equal to the width of an infrared absorption line to be measured of the sample gas, the laser (1) is designed and arranged such that the laser frequency is varied periodically within a defined spectral range, wherein the laser frequency and its variation are chosen such that at least one infrared absorption line to be measured of the sample gas lies in the defined spectral range, and the detection device (61) is design and arranged such that it detects the light being emitted from the laser (1) and radiated through the measurement chamber (2) in such a time-resolved manner that the light absorption can be determined frequency-resolved within the defined spectral range, wherein the detection device (61) carries out a single absorption measurement within 10- 5 s or faster. Furthermore, the measurement device is suited and can be arranged to measure the respiratory gas of a human or animal as sample gas, wherein the respiratory gas exchanges in the measurement chamber only by the respiration of the human or animal, and the respiratory resistance of the measurement device is less than 60 mbar.

No. of Pages : 36 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1867/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD, APPARATUS AND SYSTEM FOR FORWARDING DATA

(51) International classification :H04L12/56
(31) Priority Document No :201010111381.2
(32) Priority Date :02/02/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/080559
Filing Date :31/12/2010
(87) International Publication No :WO 2011/095042
(61) Patent of Addition 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)HE, Luyou

2)SHI, Tijun

3)ZHAO, Fenghua

4)ZHANG, Jinhui

(57) Abstract :

A method, apparatus and system for forwarding data are provided in the present invention, which are applied to a layer 2 virtual private network system. The layer 2 virtual private network system comprises a service provider network edge router (PE) and a customer edge apparatus (CE), wherein a master PE and a standby PE compose a cross-node redundancy group (RG). The method comprises: a data channel used to protect a link is established automatically with the standby PE (S301); the current link used to transmit data is monitored (S302); when the current link used to transmit the data has failed, the data is forwarded through the standby PE and the data channel used to protect the link (S303). With the present invention, link delay can be decreased and occurrence of packet loss phenomenon is reduced.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2012

(21) Application No.1868/KOLNP/2012 A

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD, SYSTEM AND DEVICE FOR ESTABLISHING PSEUDO WIRE

(51) International classification :H04L12/56
(31) Priority Document No :201010001249.6
(32) Priority Date :15/01/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/070308
Filing Date :17/01/2011
(87) International Publication No :WO 2011/085693
(61) Patent of Addition 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)QIU, Chaowa

2)XUE, Li

3)LIU, Changbao

4)CAO, Wei

(57) Abstract :

The embodiments of the present invention disclose a method, system and device for pseudo wire establishment, which are used in the field of communication technology. The method for pseudo wire establishment in the embodiment of the present invention includes: a Switching Provider Edge (SPE) in the bifurcation receives a label mapping message and analyses it to obtain information about the SPE in the bifurcation and information about at least two next hops or two outgoing interfaces of the SPE; the information about the SPE in the bifurcation is compared with information about the local device and when they match, at least two pseudo wires are established from the SPE according to the information about at least two next hops or two outgoing interfaces. In the method in the embodiment of the present invention, a Terminating Provider Edge (TPE) sends one label mapping message and at least two pseudo wires can be established. Resources consumed by pseudo wire establishment are reduced. And when the primary pseudo wire fails, the SPE in the bifurcation can switch the primary pseudo wire to the backup pseudo wire directly. The process of fast recovery switch between the primary pseudo wire and the backup pseudo wire is simplified. Segment protection of Multi-Segment Pseudo-Wire (MS-PW) can be provided from the SPE in the bifurcation and network resources can be used better.

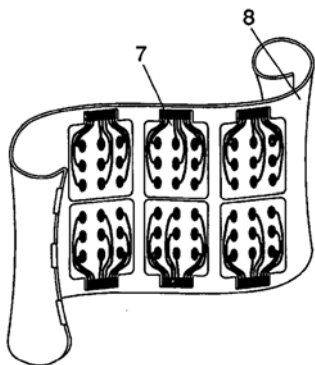
No. of Pages : 34 No. of Claims : 12

(54) Title of the invention : APPARATUS FOR EXTERNAL ACTIVATION OF PARALYZED BODY PARTS BY STIMULATION OF PERIPHERAL NERVES

(51) International classification	:A61N1/22,A61N1/36	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FUNDACION TECNALIA RESEARCH & INNOVATION
(32) Priority Date	:NA	Address of Applicant :Parque Tecnológico de San Sebastián
(33) Name of priority country	:NA	Mikeletegi Pasalekua 2 E 20009 San Sebastian (Guipúzcoa)
(86) International Application No	:PCT/EP2009/068023	SPAIN
Filing Date	:30/12/2009	(72)Name of Inventor :
(87) International Publication No	:WO 2011/079866	1)POPOVIC, Dejan
(61) Patent of Addition to Application Number	:NA	2)MALEŠ EVIC, Nebojša
Filing Date	:NA	3)KELLER, Thierry
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Apparatus for external activation of paralyzed body parts by stimulation of peripheral nerves which comprises a soft apparel provided with multi pad electrodes on one side and activating means on the other side wherein the activating means are adapted to allow activation and control of a delivered electrical pulse to each multi pad electrode separately.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1880/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : MOBILE PAYMENTS USING SMS

(51) International classification :G06Q20/00
(31) Priority Document No :61/302,868
(32) Priority Date :09/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024060
Filing Date :08/02/2011
(87) International Publication No :WO 2011/100247
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)EBAY INC.

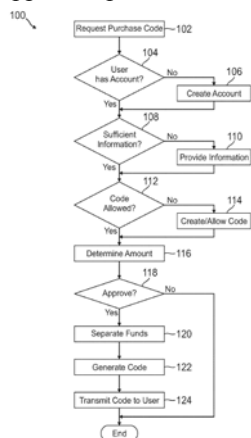
Address of Applicant :2145 Hamilton Avenue, San Jose, California 95125 U.S.A

(72)Name of Inventor :

1)PATEL, Amol, Bhasker

(57) Abstract :

A consumer texts a request to a payment provider with an amount for preapproval, where the request includes a consumer identifier. The payment provider sends a purchase code back to the consumer that the consumer can use to make a payment or purchase. The payee or merchant receives the code from the consumer, such as at the point of sale, and transmits the code to the payment provider, where the transmission includes a payee identifier and a purchase amount. The payment provider processes the transmission, and if approved processes the payment and informs the payee and/or consumer.



No. of Pages : 28 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1864/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : ASSEMBLY AND METHOD FOR THE FILTRATION OF A LIQUID AND USE IN MICROSCOPY

(51) International classification :B01L3/00,G01N33/483,G01N1/40
(31) Priority Document No :10 2010 001 322.6
(32) Priority Date :28/01/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/051064
Filing Date :26/01/2011
(87) International Publication No :WO 2011/092201
(61) Patent of Addition 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)FRIEDRICH, Katja
2)GUMBRECHT, Walter
3)HILTAWSKY, Karsten
4)PAULICKA, Peter

(57) Abstract :

The invention relates to an assembly and method for the filtration of a liquid and the use thereof, wherein a supporting body (3) is designed in a recess of a carrier (1) and a filter membrane (2) lies flat on the supporting body (3). The filter membrane (2) and the supporting body (3) according to the invention are designed to be permeable to liquids and thus serve as filters, in particular for filtering tumor cells from blood. The carrier (1) can having standard shapes of an object carrier for microscopy and the filtration residue on the filter membrane can be easily handled and examined in the microscope. As a result of the filter membrane (2) lying level on the supporting body (3), the filtration residue can be particularly well examined microscopically.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1866/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : ROTARY SEAL ARRANGEMENT

(51) International classification :F16J15/00,F16J15/32,F16J15/34
(31) Priority Document No :102010001345.5
(32) Priority Date :28/01/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/050769
Filing Date :20/01/2011
(87) International Publication No:WO 2011/092111
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JORDAN ,Holger

(57) Abstract :

The invention relates to a rotary seal arrangement, comprising a rotatably mounted machine part, a machine part that forms a bearing for the rotatably mounted machine part, wherein a first of the machine parts forms a seal accommodating structure and the second of the machine parts has a surface forming a sealing surface, and at least one rotary seal arranged in the seal accommodating structure. The rotary seal allows to seal off a high-pressure area from a low pressure area between the machine parts.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1879/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : 6-AMINO-2-{ [(1S)-1-METHYLBUTYL] OXY}-9-[5-(1-PIPERIDINYL)-7,9-DIHYDRO-8H-PURIN-8-ONE MALEATE

(51) International classification :C07D473/18,A61K31/522,A61P29/00
(31) Priority Document No :61/303,010
(32) Priority Date :10/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/051830
Filing Date :08/02/2011
(87) International Publication No :WO 2011/098452
(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)LUCAS, Amanda
3)HERMITAGE, Stephen Andrew

(57) Abstract :

A compound which is 6 amino 2 {[(1S) 1 methylbutyl]oxy}-9-[5-(1 piperidiny]pentyl]-7,9 dihydro-8H-purin-8-one: Formula (I) in the form of a maleate salt, may be useful in the treatment of various disorders, for example the treatment of allergic diseases and other inflammatory conditions for example allergic rhinitis and asthma, the treatment of infectious diseases and cancer, and may also be useful as vaccine adjuvants.

No. of Pages : 43 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1887/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : SUBSTITUTED LITHIUM-MANGANESE METAL PHOSPHATE

(51) International classification :C01B25/45,H01M4/58,H01M10/052
(31) Priority Document No :10 2010 006 077.1
(32) Priority Date :28/01/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/051199
Filing Date :28/01/2011
(87) International Publication No :WO 2011/092281
(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)NUSPL, Gerhard
2)TRAN, Nicolas
3)DOLLINGER, Jasmin
4)VOGLER, Christian

(57) Abstract :

The invention relates to a substituted lithium- manganese metal phosphate of formula $\text{LiFexMn}_{1-x-y}\text{MyPO}_4$ in which M is a bivalent metal from the group Sn, Pb, Zn, Mg, Ca, Sr, Ba, Co, Ti and Cd, and $x < 1$, $y < 0,3$ and $x + y < 1$. The invention also relates to a method for the production thereof and to the use thereof as a cathode material in a secondary lithium ion battery.

No. of Pages : 48 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1888/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : SUBSTITUTED LITHIUM-MANGANESE METAL PHOSPHATE

(51) International classification :C01B25/45,H01M4/58,H01M10/052
(31) Priority Document No :10 2010 006 083.6
(32) Priority Date :28/01/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/051189
Filing Date :28/01/2011
(87) International Publication No :WO 2011/092275
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

The invention relates to a substituted lithium- manganese metal phosphate of formula $\text{LiFexMn}_{1-x-y}\text{MyPO}_4$, in which M is a bivalent from the group Sn, Pb, Zn, Mg, Ca, Sr, Ba, Co, Ti and Cd, and $x < 1$, $y < 0,3$ and $x + y < 1$. The invention also relates to a method for the production thereof and to the use thereof as a cathode material in a secondary lithium ion battery.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1889/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : IMMUNOGENIC PROTEINS AND COMPOSITIONS

(51) International classification :C07K14/315,A61K39/09
(31) Priority Document No :1003333.0
(32) Priority Date :26/02/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2011/000562
Filing Date :28/02/2011
(87) International Publication No :WO 2011/104632
(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)MAIONE, Domenico
2)RINUADO, Daniela

(57) Abstract :

The invention provides proteins and compositions for the treatment and prevention of Streptococcus agalactiae(Group B streptococcus; GBS).

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No. of Pages : 86 No. of Claims : 13

(54) Title of the invention : APPARATUS AND METHOD OF DISCARDING LOGGED MEASUREMENT IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W24/10,H04W24/06,H04B7/26
 (31) Priority Document No :61/302,927
 (32) Priority Date :09/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/KR2011/000762
 Filing Date :07/02/2011
 (87) International Publication No :WO 2011/099726
 (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)CHUN, Sung Duck

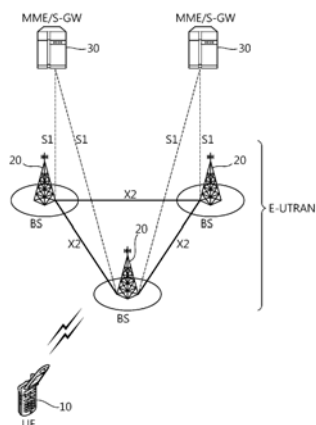
3)YI, Seung June

4)LEE, Young Dae

5)PARK, Sung Jun

(57) Abstract :

A method of discarding logged measurements in a wireless communication system is provided. A user equipment in a Radio Resource Control (RRC) connected mode receives a Minimization of Drive Tests (MDT) configuration from a base station and starts a validity timer upon receiving the MDT configuration. The user equipment in an RRC idle mode logs measurements based on the MDT configuration to collect logged measurements while the validity timer is running. When the validity timer is expired the user equipment discards the MDT configuration and starts a conservation timer. When the conservation timer is expired, the logged measurements are discarded.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1882/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : GRANULATED MONOCALCIUM PHOSPHATE PRODUCT CONTAINING ABRASIVITY AND LUBRICITY ADDITIVES

(51) International classification :A23K1/175,A23K1/16
(31) Priority Document No :61/295,463
(32) Priority Date :15/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/021565
Filing Date :18/01/2011
(87) International Publication No :WO 2011/088464
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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4)FREDERE, Robert, C.

5)LEE, David

6)BRITTAIN, Charlotte

7)WILLIAMS, Andrea

8)CONNORS, Pat

9)HAMANG, Kai

(57) Abstract :

A granulated monocalcium phosphate composition that provides sufficient nutritional value as well as enhanced pelleting benefits, such as abrasiveness and lubricity, compared to other granulated phosphate feed products. The granulated monocalcium phosphate composition includes one or more additives such as lubricity and abrasivity additives. The lubricity additive can include a sodium additive that lubricates the die during a feed milling or pelleting process. The abrasivity additive can include silica or sand that scours the die during the pelleting process. The increased lubricity and abrasivity attributes of the composition benefits die throughput and efficiency in the pelleting process, without compromising nutritional value in the final feed product.

No. of Pages : 15 No. of Claims : 18

(54) Title of the invention : ELECTRIC POWERED CYLINDER CONTROL METHOD AND ELECTRIC POWERED CYLINDER CONTROL SYSTEM

(51) International classification :B30B15/14,B30B15/28,H02P29/00
 (31) Priority Document No :2010-144831
 (32) Priority Date :25/06/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/058785
 Filing Date :07/04/2011
 (87) International Publication No :WO 2011/162007
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)SINTOKOGIO, LTD.
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 (72)**Name of Inventor :**
1)NAGASAKA, Masahiko
2)SHIRAI, Yoichiro

(57) Abstract :

Disclosed are an electric powered cylinder control method and control system, which are capable of avoiding damage to a load detector that is coupled to an electric powered cylinder or a rod of an electric powered cylinder, said damage resulting from overload arising from an unanticipated impact between the rod of the electric powered cylinder and a member to be compressed. A servo-controller (17) determines whether a compression load P_m that is detected by a load detector (13) is greater than or equal to an impact sensing load P_c . If the servo-controller (17) determines that the compression load P_m is greater than or equal to the impact sensing load P_c , the servo-controller (17) further determines whether an interrupt on impact flag is set, as well as whether the drive speed S_m of a rod (11) is greater than or equal to an allowed impact speed S_c . If the servo-controller (17) determines either that the interrupt on impact flag is set, or that the drive speed S_m is greater than or equal to the allowed impact speed S_c , the servo-controller (17) outputs an inverse direction position instruction pulse signal to a servo-amp (16), forcibly reducing accumulated pulses that are buffered in the servo-amp (16) and interrupting the rod (11).

No. of Pages : 62 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1898/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : LINE GUIDE SYSTEM FOR A HIGH -VOLTAGE TRANSFORMER

(51) International classification	:H01F27/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/053391
Filing Date	:16/03/2010
(87) International Publication No	:WO 2011/113479
(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)SCHLAGER, Johann
2)HOPPE, Jens

(57) Abstract :

The invention relates to a line guide system (1) and a multicontact connecting arrangement (10) for an electrical component, in particular a high-voltage transformer, wherein a first electrical connection (3a) of the electrical component in a lead-through electrode (4) can be connected to a second electrical connection (3b) via a current strip (5a, 5b, 5c) and a tubular electrode (6). According to the invention, a line guide system (1) is provided, in which the first electrical connection (3a) can be electrically connected to a first plug pin (7) and the tubular electrode (6) can be electrically connected to a second plug pin (8), and the first plug pin (7) can be inserted into a first plug socket (9) and the second plug pin (8) can be inserted into a second plug socket (11) of a multicontact connecting arrangement (10), wherein the plug sockets (9, 11) can be electrically connected to a current strip (5a, 5b, 5c). Furthermore, specifically within the scope of the production and installation of the line guide system (1), it is possible, with the aid of the present invention, to connect the corresponding assemblies of the line guide system (1), in particular the electrical connections (3a, 3b), to one another in a simple, quick and reliable manner.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1876/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : DEVICES AND METHODS FOR MULTIPLEXED ASSAYS

(51) International classification :B01L3/00
(31) Priority Document No :61/301,058
(32) Priority Date :03/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023647
Filing Date :03/02/2011
(87) International Publication No :WO 2011/097412
(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)MIRICA, Katherine A.

3)MARTINEZ, Andres, W.

4)CHENG, Chao-Min

5)PHILLIPS, Scott, T.

6)MASCARENAS, Monica

7)LIU, Xinyu

8)LI, Xiujun

(57) Abstract :

The disclosure provides low cost portable three dimensional devices for performing multiplexed assays. The devices comprise at least two substantially planar layers disposed in parallel planes, wherein one of the layers is movable relative to each other parallel to the planes to permit the establishment of fluid flow communication serially between the two layers.

No. of Pages : 50 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1877/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ALLOCATING RESOURCES IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W72/04,H04B7/14,H04J11/00
(31) Priority Document No :61/298,215
(32) Priority Date :26/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2011/000549
Filing Date :26/01/2011
(87) International Publication No :WO 2011/093644
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KIM, Hak Seong
2)SEO, Han Byul
3)KIM, Ki Jun
4)SEO, Dong Youn

(57) Abstract :

A method and apparatus for allocating backhaul resources to a relay in a wireless communication system particularly a method and apparatus for processing a downlink signal at a relay in a wireless communication system are disclosed. The method includes receiving resource allocation information indicating a resource block set from a Base Station (BS) through higher layer signaling receiving a downlink subframe starting from a predetermined Orthogonal Frequency Division Multiplexing (OFDM) symbol from the BS monitoring the resource block set in the downlink subframe to receive a physical control channel and performing an operation according to the received physical control channel.

No. of Pages : 80 No. of Claims : 38

(54) Title of the invention : NONWOVEN-FABRIC SHEET AND PROCESS FOR PRODUCING SAME

(51) International classification	:D04H1/54,A61F13/511	(71)Name of Applicant :
(31) Priority Document No	:2010-035387	1)UNICHARM CORPORATION
(32) Priority Date	:19/02/2010	Address of Applicant :182, Shimobun, Kinsei-cho,
(33) Name of priority country	:Japan	Shikokuchuo-shi, Ehime 7990111 JAPAN
(86) International Application No	:PCT/JP2011/054208	(72)Name of Inventor :
Filing Date	:18/02/2011	1)UEMATSU, Katsuhiko
(87) International Publication No	:WO 2011/102544	2)OBA, Toru
(61) Patent of Addition to Application	:NA	3)MIZUTANI, Satoshi
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are a nonwoven-fabric sheet having a high liquid permeation rate and a process for producing the sheet. The nonwoven-fabric sheet comprises two layers, a first layer (4) and a second layer (5), and is characterized in that the first layer (4) has a plurality of ridges (2) and grooves (3) which extend in parallel in the lengthwise direction, that the first layer comprises heat-fusible fibers and the second layer comprises crimped fibers, and that the sheet has an average fiber angle of 70° or less in a cross-section parallel to the lengthwise direction. The nonwoven-fabric sheet can be produced by stacking a web comprising fibers having latent crimping properties and a web comprising heat-fusible fibers, ejecting a fluid from a plurality of nozzles arranged in the width direction, while conveying the stack, to form ridges (2) and grooves (3), heating the stack using a means that reduces resistance against the crimping properties of the fibers having latent crimping properties, thereby crimping the fibers having latent crimping properties, and then fusion-bonding the heat-fusible fibers.

No. of Pages : 46 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1891/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD FOR PRODUCING A CATALYST FOR CRACKING ORGANIC CARBON COMPOUNDS

(51) International classification :B01J21/02,C01F7/06,C01F7/16
(31) Priority Document No :10152135.9
(32) Priority Date :29/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/051223
Filing Date :28/01/2011
(87) International Publication No :WO 2011/092292
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)KRAUSE, Eberhard

(57) Abstract :

The invention relates to a method for producing a catalyst for cracking organic carbon compounds, said method comprising the following steps: a) producing an aqueous suspension comprising red mud and at least one calcium salt, b) heating the suspension to a temperature between 25°C and 78°C, and c) removing at least most part of an aqueous phase from a solid product mixture produced in step b), said solid product mixture comprising the catalyst. The invention further relates to a catalyst and to a method for cracking organic carbon compounds.

No. of Pages : 28 No. of Claims : 16

(54) Title of the invention : METHOD AND SYSTEM FOR IDENTIFYING TRANSPORT BEARER CAPACITY OF IUR INTERFACE

(51) International classification :H04Q7/20
 (31) Priority Document No :201010121307.9
 (32) Priority Date :10/03/2010
 (33) Name of priority country :China
 (86) International Application No :PCT/CN2010/076257
 Filing Date :23/08/2010
 (87) International Publication No :WO 2011/110002
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

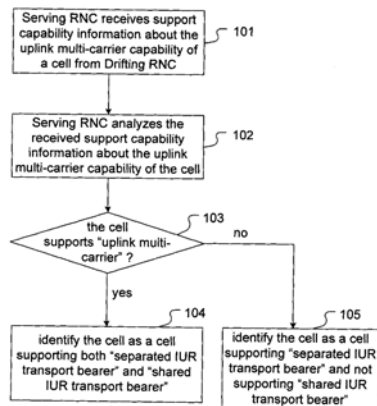
1)CHENG, Xiang

2)LIU, Lin

3)KE, Yazhu

(57) Abstract :

A method for identifying the transmission bearer capacity of an IUR interface is provided. The method includes that: a Service Radio Network Controller determines that a cell supports uplink multi-carrier, and then identifies that the cell is a cell which supports the processing way of using separating IUR transmission bearer and supports the processing way of using sharing IUR transmission bearer; the Serving Radio Network Controller determines that the cell does not support uplink multi-carrier, and then identifies that the cell is a cell which supports the processing way of using separating IUR transmission bearer and does not support the processing way of using sharing IUR transmission bearer. A system is also provided for identifying the transmission bearer capacity of the IUR interface. Since invention makes it possible that the cell which does not support uplink multi-carrier and the cell which supports uplink multi-carrier join the same soft-switching macro-subset, the system performance can be improved and the gain of the soft-switching macro-subset can be increased.



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

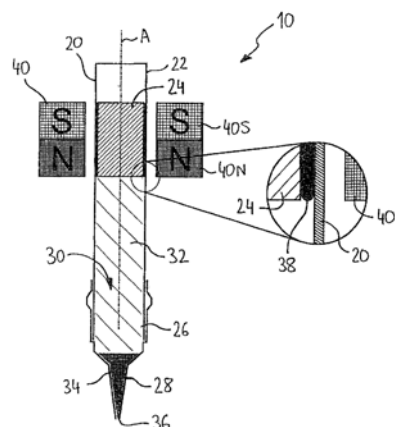
(54) Title of the invention : METERING DEVICE AND METERING METHOD

(51) International classification :B01L3/02,F04B17/04,F04B7/00
 (31) Priority Document No :10 2010 000 690.4
 (32) Priority Date :05/01/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/050105
 Filing Date :05/01/2011
 (87) International Publication No :WO 2011/083125
 (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)HOFSTETTER, Meinrad
2)KIRSTE, Vinzenz

(57) Abstract :

The invention relates to a metering device (10; 10a; 10b) comprising a guide tube (20; 20a; 20b) a piston (24; 24a; 24b) inserted displaceably in the guide tube (20; 20a; 20b) an actuating assembly (40; 40a; 42) for exerting a force on the piston (24; 24a; 24b) in order to displace the piston (24; 24a; 24b) in the guide tube (20; 20a; 20b) and a chamber (28,30) for receiving a medium to be metered (34) said medium to be metered (34) can be aspirated or dispensed according to a displacement of the piston (24; 24a; 24b) the actuating assembly (40; 40a; 42) being equipped for a magnetic interaction with the piston (24; 24a; 24b).



No. of Pages : 55 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1894/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : RESIN DISTRIBUTOR, RESERVOIR BAG TO BE USED THEREWITH, VEHICLE PROVIDED WITH SUCH A SYSTEM, KIT FOR ASSEMBLING THE SAME, AND METHODS OF ASSEMBLING AND OF OPERATING ASSOCIATED THERETO

(51) International classification :B05C17/01,E02D37/00,E04G23/02
(31) Priority Document No :2689,009
(32) Priority Date :29/12/2009
(33) Name of priority country :Canada
(86) International Application No :PCT/CA2010/002079
Filing Date :29/12/2010
(87) International Publication No :WO 2011/079395
(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)BOURBEAU, Philippe

(57) Abstract :

A system (1) for distributing resin (3), the system (1) including at least one supply of resin (3a,3b), at least one conduit (5a, 5b) operatively connectable to a corresponding supply of resin (3a, 3b), and at least one pump (7a,7b) operatively connectable to each conduit (5a,5b) for pumping resin (3) from the corresponding supply of resin (3a,3b). The system (1) also includes a driving assembly (9) operatively connectable to each pump (7a,7b) for driving the same, the driving assembly (9) including a transmission assembly (11) being adjusted specifically depending on the nature of resin (3) to be pumped through each conduit (5a,5b) by means of an appropriate transmission ratio. The system (1) also includes a discharging assembly (13) separate from the driving assembly (9) and operatively connectable to each conduit (5a,5b) for discharging resin (3) out from the discharging assembly (13), the discharging assembly (13) being also operatively connectable to the driving assembly (9) for selectively and adjustably controlling operating parameters of each pump (7a,7b). Also described is a resin reservoir bag to be used for with the resin distributing system (1).

No. of Pages : 84 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1895/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : SUPPORT DEVICE FOR A SKIN TREATMENT ASSEMBLY

(51) International classification :A61H37/00

(31) Priority Document No :10154302.3

(32) Priority Date :22/02/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/052314

Filing Date :16/02/2011

(87) International Publication No :WO 2011/101388

(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)GODAYOL MARTÍ, Antoni

(72)Name of Inventor :

1)SALO DARDER, Jordi

2)GODAYOL MARTÍ, Antoni

(57) Abstract :

It comprises a connecting member (30) and an arm structure (20) having at least one hose connector (50, 60) associated with at least one skin treatment machine applicator (110). Device (10) is suitable for maintaining the applicators (1 10) at a given position when in use. A skin treatment assembly (200) is further provided comprising a suction machine (100) for applying pressurized air to a patient through applicators (110) connected to corresponding hoses (96, 97) and the support device (10).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1905/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : CERTAIN KYNURENINE-3-MONOOXYGENASE INHIBITORS, PHARMACEUTICAL COMPOSITIONS, AND METHODS OF USE THEREOF

(51) International classification	:A01N43/54,A61K31/505	(71)Name of Applicant :
(31) Priority Document No	:61/298,095	1)CHDI FOUNDATION, INC.
(32) Priority Date	:25/01/2010	Address of Applicant :350 Seventh Ave., Suite 601 New York,
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(86) International Application No	:PCT/US2011/021890	(72)Name of Inventor :
Filing Date	:20/01/2011	1)DOMINGUEZ, Celia
(87) International Publication No	:WO 2011/091153	2)TOLEDO-SHERMAN, Leticia, M.
(61) Patent of Addition to Application	:NA	3)WINKLER, Dirk
Number	:NA	4)BROOKFIELD, Frederick
Filing Date	:NA	5)DE AGUIAR PENA, Paula, C.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Certain chemical entities are provided herein. Also provided are pharmaceutical compositions comprising at least one chemical entity and one or more pharmaceutically acceptable vehicle. Methods of treating patients suffering from certain diseases and disorders responsive to the inhibition of KMO activity are described, which comprise administering to such patients an amount of at least one chemical entity effective to reduce signs or symptoms of the disease or disorder are disclosed. These diseases include neurodegenerative disorders such as Huntington's disease. Also described are methods of treatment include administering at least one chemical entity as a single active agent or administering at least one chemical entity in combination with one or more other therapeutic agents. Also provided are methods for screening compounds capable of inhibiting KMO activity.

No. of Pages : 91 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1901/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : RADIO COMMUNICATION APPARATUS,RADIO COMMUNICATION SYSTEM,AND RADIO COMMUNICATION METHOD

(51) International classification :H04W72/04,H04W74/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2010/052103
Filing Date :12/02/2010
(87) International Publication No :WO 2011/099151
(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)Yoshihiro KAWASAKI

3)Tetsuya YANO

4)Yoshinori TANAKA

(57) Abstract :

Using a plurality of frequency bands can be efficiently controlled. Wireless communication apparatuses (1, 2) communicate with each other using a plurality of frequency bands. During a random access procedure, the wireless communication apparatus (1) uses a first frequency band to transmit a control message, which includes identification information indicating a second frequency band different from the first frequency band, to the wireless communication apparatus (2). The wireless communication apparatus (2) receives the control message transmitted by use of the first frequency band from the wireless communication apparatus (1) and uses the second frequency band, which is indicated by the identification information included in the control message, to perform data communications.

No. of Pages : 98 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1902/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : MOISTURE BARRIER POTTING COMPOUND

(51) International classification	:H01L23/28
(31) Priority Document No	:61/300,595
(32) Priority Date	:02/02/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/060297
Filing Date	:14/12/2010
(87) International Publication No	:WO 2011/096986
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)WARD, Samuel
2)UHM, Haewon, L.

(57) Abstract :

A moisture barrier potting composition includes an olefinic polymer, a polyethylene wax, a silane, an antioxidant, and a filler. These components are balanced to produce a potting compound having desirable properties including Moisture Vapor Transmission Rate (MVTR), viscosity, temperature of application, and no sag at use temperatures. The moisture barrier potting composition may be employed with any solid state device including wire and junction box sealants in solar modules.

No. of Pages : 28 No. of Claims : 20

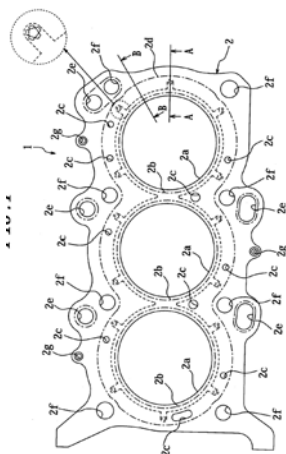
(54) Title of the invention : METHOD FOR MANUFACTURING METAL GASKET FOR CYLINDER HEAD,AND METAL GASKET FOR CYLINDER HEAD

(51) International classification :F02F11/00,B21D39/00,B21D53/84
 (31) Priority Document No :2010-036530
 (32) Priority Date :22/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/000962
 Filing Date :21/02/2011
 (87) International Publication No :WO 2011/102148
 (61) 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 LEAKLESS INDUSTRY CO. LTD.
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 (72)Name of Inventor :
1)MATSUSHITA, Yoshitaka
2)TAKAHASHI, Yuji
3)ARAKAWA, Yoshimi

(57) Abstract :

A metallic gasket for a cylinder head, wherein a base plate and a height difference adjusting plate are engaged with each other with an increased engaging force. A method for manufacturing a metallic gasket for a cylinder head is configured in such a manner that prepared holes (3c) are respectively formed in protrusions (3b) of a height difference adjusting plate (3), a die (4) having a pyramidal punch (4a) is inserted into each of the prepared holes (3c) to raise the periphery of the prepared hole (3c) into a tubular shape and at the same time to divide and cut the periphery into multiple sections to thereby form a tubular section (3d) composed of raised protrusions (3d1), engaging holes (2h) are formed in a base plate (2) at positions corresponding to the tubular sections (3d) of the height difference adjusting plate (3), the tubular sections (3d) of the height difference adjusting plate (3) are caused to penetrate through the engaging holes (2h) of the base plate (2), and then the raised protrusions (3d1) of the tubular sections (3d) are folded outward and crushed to engage the protrusions (3b) with the base plate (2).



No. of Pages : 52 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2003/KOLNP/2012 A

(19) INDIA

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

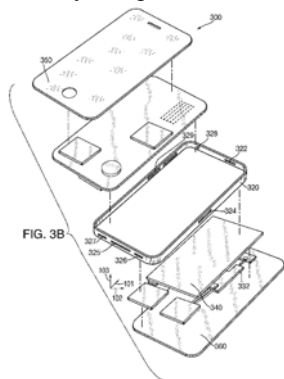
(43) Publication Date : 15/03/2013

(54) Title of the invention : HANDHELD DEVICE ENCLOSURE

(51) International classification	:G06F1/16,H04M1/02	(71)Name of Applicant :
(31) Priority Document No	:61/300,780	1)APPLE INC.
(32) Priority Date	:02/02/2010	Address of Applicant :1 Infinite Loop, Cupertino, CA 95014
(33) Name of priority country	:U.S.A.	UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2010/050122	(72)Name of Inventor :
Filing Date	:24/09/2010	1)MYERS, Scott
(87) International Publication No	:WO 2011/096960	2)THEOBALD, Matthew
(61) Patent of Addition to Application	:NA	3)HELEY, Richard
Number	:NA	4)STAGNARO, Adam
Filing Date	:NA	5)DINH, Richard
(62) Divisional to Application Number	:NA	6)PAKULA, David
Filing Date	:NA	7)TAN, Tang

(57) Abstract :

This is directed to an electronic device enclosure. The enclosure includes an outer periphery member forming an outer surface of a device and to which an internal platform is connected. Electronic device components can be assembled to one or both surfaces of the internal platform. The enclosure can include front and back cover assemblies assembled to the opposite surfaces of the outer periphery member to retain electronic device components. One or both of the cover assemblies can include a window through which display circuitry can provide content to a user of the device.



No. of Pages : 61 No. of Claims : 25

(54) Title of the invention : RESONANT FREQUENCY CONTROL METHOD, ELECTRIC POWER TRANSMITTING DEVICE, ELECTRIC POWER RECEIVING DEVICE IN MAGNETIC RESONANT TYPE POWER TRANSMISSION SYSTEM

(51) International classification :H02J17/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/JP2010/000847
 Filing Date :10/02/2010
 (87) International Publication No :WO 2011/099071
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)FUJITSU LIMITED

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(72)Name of Inventor :

1)Sstoshi SHIMOKAWA

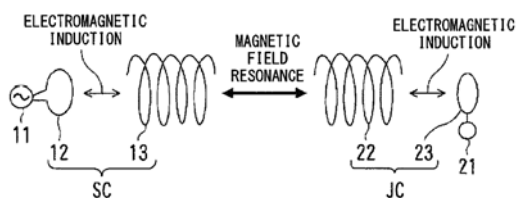
2)Akiyoshi UCHIDA

3)Masakazu TAGUCHI

(57) Abstract :

Provided is a magnetic-resonant-coupling type power transmission system, wherein power is transmitted from a power-transmission side coil to a power-reception side coil utilizing magnetic resonant coupling, and wherein the resonance frequencies of the coils can be adjusted at high speed, with accuracy, and in real time. In this magnetic-resonant-coupling type power transmission system, the phase of the voltage supplied to the power-transmission side coil, and the phase of the current flowing through the power-transmission side coil or the power-reception side coil are detected, and the resonance frequencies of the power-transmission side coil or the power-reception side coil are varied so that the difference between the phases will become a target value. The power-transmission side coil comprises a power supplying coil to which an AC power supply is to be connected, and a power-transmission resonance coil electromagnetically coupled closely with the power supplying coil. The power-reception side coil comprises a power-reception resonance coil, and a power extraction coil electromagnetically coupled closely with the power-reception resonance coil. The phase difference between the phase of the voltage of the AC power supply and the phase of the current flowing through the power-transmission resonance coil is controlled to become a target value (β), and the phase difference between the phase of the voltage of the AC power supply and the phase of the current flowing through the power-reception resonance coil is controlled to become a target value ($\beta - \pi/2$).

1 POWER TRANSMISSION SYSTEM



No. of Pages : 45 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : ANIMAL TAG APPLICATOR

(51) International classification	:A01K11/00
(31) Priority Document No	:582984
(32) Priority Date	:27/01/2010
(33) Name of priority country	:New Zealand
(86) International Application No	:PCT/NZ2011/000005
Filing Date	:26/01/2011
(87) International Publication No	:WO 2011/093726
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)BLADEN, Roy Victor

2)GARDNER, Michael Stuart

(57) Abstract :

An applicator (1) has handles (2,4) which on closing together will engage an animal tag with the animal's ear but at which time a control member (28) will engage with a linkage (6) to trip the linkage (6) into a jaw-open position. Once the handles (2,4) have been released the linkage (6) will again be returned to its normal position primarily under the bias of a spring (25).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2001/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : PSYCHO-LINGUISTIC STATISTICAL DECEPTION DETECTION FROM TEXT CONTENT

(51) International classification	:G10L15/06
(31) Priority Document No	:61/293,056
(32) Priority Date	:07/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/020390
Filing Date	:06/01/2011
(87) International Publication No	:WO 2011/085108
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)THE TRUSTEES OF THE STEVENS INSTITUTE OF TECHNOLOGY
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(72)**Name of Inventor :**
1)CHANDRAMOULI, Rajarathnam
2)CHEN, Xiaoling
3)SUBBALAKSHMI, Koduvayur, P.

(57) Abstract :

An apparatus and method for determining whether a text is deceptive may comprise analyzing a body of textual content known to be one of text containing true content and text containing deceptive content; identifying psycho-linguistic cues that are indicative of a text being deceptive;statistically analyzing, via a computing device, a given text based upon the psycho-linguistic cues to determine if the text is deceptive. The apparatus and method may further comprise weighting the psycho-linguistic cues and statistically analyzing based on the weighted psycho-linguistic cues. The statistically analyzing step may be performed using one of a cue matching analysis, a weighted cue matching analysis, a Markov chain analysis, and a sequential probability ratio testing binary hypothesis analysis. The psycho-linguistic cues may be separated into categories, including increasing trend cues and decreasing trend cues and analyzed according to presence in a category from within the categories.

No. of Pages : 43 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2002/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : JET REGULATOR

(51) International classification	:E03C1/08
(31) Priority Document No	:10 2010 007 871.9
(32) Priority Date	:13/02/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/000579
Filing Date	:08/02/2011
(87) International Publication No	:WO 2011/098253
(61) Patent of Addition 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)BLUM, Gerhard

(57) Abstract :

The invention relates to a jet regulator (1) comprising a two-part jet regulator housing (2), the outlet end face (3) of which has multiple passages (4), a pot shaped inlay (6) that is inserted into the housing interior (2) until it reaches the outlet end face (3) and that has multiple tubular spray nozzles (7), each of which penetrates a passage (4) on the outlet end face of the jet regulator housing (2) and the free spray-nozzle region of which protrudes beyond the outlet end face (3) of the jet regulator (1,5). The jet regulator also comprises an insert (8) that is inserted in the housing interior and the position of the inlay (6) is secured in an axial direction between said insert, the second housing part and the outlet end face (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1906/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : BASE STATION DEVICE AND METHOD FOR MOBILE COMMUNICATIONS SYSTEM

(51) International classification :H04W24/10,H04W36/08,H04W72/04
(31) Priority Document No :2010-031622
(32) Priority Date :16/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/053150
Filing Date :15/02/2011
(87) International Publication No :WO 2011/102340
(61) Patent of Addition 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)OKUBO, Naoto
2)ISHII, Hiroyuki
3)UMESH, Anil
4)KIYOSHIMA, Kohei

(57) Abstract :

A base station device comprises upstream control signal and upstream shared data signal decoding units, and a reliability assessment unit that assesses the reliability that prescribed information is included within a periodically received upstream control signal. When a timing of a period that is predetermined for prescribed information matches a timing for the receiving of an upstream shared data signal, (1) a determination whether to decode the upstream shared data signal, presuming that the upstream shared data signal includes the prescribed information, is made on the basis of whether the period is less than or equal to a wireless frame length; and (2) a determination is made whether to decode the upstream shared data signal, presuming that the upstream shared data signal includes the prescribed information, when the period is longer than the wireless frame length, on the basis of whether the reliability is greater than a prescribed value.

No. of Pages : 52 No. of Claims : 16

(54) Title of the invention : MEDICAMENT DELIVERY DEVICE

(51) International classification :A61M5/20,A61M5/24,A61M5/315
 (31) Priority Document No :1050128-6
 (32) Priority Date :09/02/2010
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2011/050027
 Filing Date :12/01/2011
 (87) International Publication No :WO 2011/099918
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

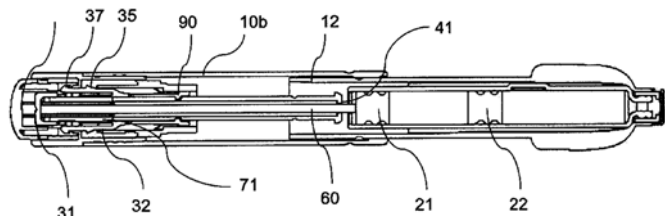
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(72)Name of Inventor :

1)KARLSSON, Sebastian**2)ELMÉN, Gunnar**

(57) Abstract :

Injection device for manual penetration and injection comprising a distal housing part (10);a proximal housing part (12) with a multi-chamber container (20);a plunger rod (40); a push button (70);an activation member (30);a drive force means(100) and a locking member (50), wherein the device further comprises a guide rod (60) arranged to generate an audible and tactile indication of the start of an injection.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1908/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/07/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : REACTOR AND A METHOD OF PURIFYING A PROCESS SOLUTION

(51) International classification :B01J8/20,B01J19/18,C22B3/02
(31) Priority Document No :20100120
(32) Priority Date :18/03/2010
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2011/050208
Filing Date :10/03/2011
(87) International Publication No :WO 2011/113997
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :

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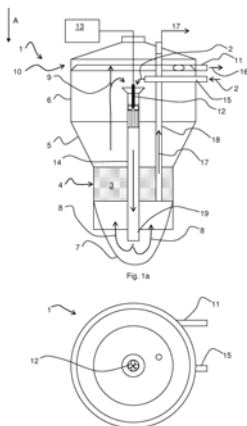
(72)Name of Inventor :

1)VAARNO, Jussi

2)RUONALA, Mikko

(57) Abstract :

The invention relates to a method and a reactor for purifying solid matter from the process solution (2) in the fluidized bed in the reactor, into which the process solution is fed to form the fluidized bed (4) in the essentially cylindrical reaction part (3) that is the lowermost part in the reactor, from which bed the flow further moves to the calming part (5) that expands conically upwards from the upper part of the reactor part and, further, to the cylindrical clarification part (6) that is connected to the upper part of the same, the diameter of the clarification part being the same as the upper part of the calming part, whereby at least part of the solution (2) that is fed into the reactor (1) is circulated to the fluidized bed (3) more than once, and that the amount of circulating solution is controlled in the fluidized bed by means of the mixing member (12) placed in the reactor.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2010/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : CLOSED-LOOP TRANSMISSION FEEDBACK IN WIRELESS COMMUNICATION SYSTEMS

(51) International classification:H04L25/02,H04L25/03,H04B7/04

(31) Priority Document No :61/292,644

(32) Priority Date :06/01/2010

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

(86) International Application
No :PCT/US2010/060020

Filing Date :13/12/2010

(87) International Publication
No :WO 2011/084373

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

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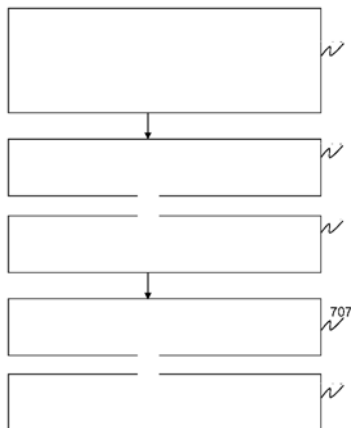
(72)Name of Inventor :

1)THOMAS, Timothy A.,

2)MONDAL, Bishwarup

(57) Abstract :

A method and apparatus for providing channel feedback is provided herein. During operation a covariance matrix R at time t is calculated by a mobile station as a function of a received downlink signal. In order to reduce overhead, R is normalized and quantized by the mobile station using multiple codebook entries plus at least one constant for quantization. The mobile station then transmits the normalized and quantized covariance matrix back to a base station as bit values indicating the selected entries from the codebook plus bit values corresponding to the at least one constant. The base unit then uses the covariance matrix estimate to determine appropriate channel beamforming weights, and instructs transmit beamforming circuitry to use the appropriate weights.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2005/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : HETEROCYCLIC INHIBITORS OF GLUTAMINYL CYCLASE (QC, EC 2.3.2.5)

(51) International classification :C07D403/04,C07D403/10,C07D405/10
(31) Priority Document No :61/312,339
(32) Priority Date :10/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/053576
Filing Date :10/03/2011
(87) International Publication No :WO 2011/110613
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)HEISER, Ulrich
2)GAERTNER,Ulf-Torsten
3)DEMUTH, Hans-Ulrich

(57) Abstract :

The invention relates to novel heterocyclic derivatives as inhibitors of glutaminy cyclase (QC, EC 2.3.2.5). QC catalyzes the intramolecular cyclization of N-terminal glutamine residues into pyroglutamic acid (5-oxo-prolyl,pGlu) under liberation of ammonia and the intramolecular cyclization of N-terminal glutamate residues into pyroglutamic acid under liberation of water.

No. of Pages : 86 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2012/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : OPERATING DEVICE

(51) International classification :G06F3/01,G06F3/046,G06F3/041

(31) Priority Document No :10 2010 007 486.1

(32) Priority Date :09/02/2010

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/051831

Filing Date :08/02/2011

(87) International Publication No :WO 2011/098453

(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)KERN, Thorsten Alexander

(57) Abstract :

In an operating device comprising an operating element with haptic feedback, wherein the operating element can be actuated by an operator by means of an input member, the operating device comprises two ferromagnetic planar components (1, 2, 101, 102, 200) and a flat coil (4, 401, 402) wherein the largest surfaces of the ferromagnetic planar components (1, 2, 101, 102, 200) are oriented toward each other and said components can be moved relative to each other and the flat coil (4, 401, 402) is disposed between the ferromagnetic components (1, 2, 101, 102, 200) and the ferromagnetic planar components (1, 2, 101, 102, 200) can be moved toward each other by energizing the flat coil (4, 401, 402). The movement of one of the ferromagnetic planar components (1, 2, 101, 102, 200) can be perceptible to the tactile sense of the operator on the operating element (600) either directly or by means of a coupling device (500).

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2013/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : APPARATUS AND METHOD FOR ENHANCING FEATURES OF UPLINK REFERENCE SIGNALS

(51) International classification :H04J11/00
(31) Priority Document No :61/293,003
(32) Priority Date :07/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2011/000082
Filing Date :06/01/2011
(87) International Publication No :WO 2011/083986
(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)PAPASAKELLARIOU, Aris
2)CHO, Joon-Young

(57) Abstract :

Methods and apparatuses for configuring and transmitting Reference Signals (RS) accompanying data signals from User Equipments (UEs), such that Sounding Reference Signals (SRS) are transmitted from some UEs over a part of a possible transmission bandwidth, with or without the use of SRS bandwidth hopping.

No. of Pages : 51 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2014/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : SELF-CONTAINED HYDRAULIC TORQUE MODULATING DEVICE

(51) International classification	:F16H48/22
(31) Priority Document No	:61/300,564
(32) Priority Date	:02/02/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/023361
Filing Date	:01/02/2011
(87) International Publication No	:WO 2011/097237
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)GROGG, John, Allen
2)FOX, Matthew, George

(57) Abstract :

A torque modulating coupling device for operatively linking two shafts has a clutch and a piston disposed in a case. The piston selectively applies force to the clutch in response to hydraulic pressure, and a keyed feature adapted to couple with a corresponding keyed feature associated with at least one of the shafts. The coupling device can be formed with two cases that form an enclosure for the clutch and the piston, trapping the piston forces between the cases. This embodiment allows the device to also act as an axle housing cover. In another embodiment, the case is designed to bolt directly to an axle housing cover, trapping piston forces between the case and the cover.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2015/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 15/03/2013

(54) Title of the invention : NOVEL SWEETENER COMPOSITIONS

(51) International classification :A23L1/236,A23L1/30,A23L1/09
(31) Priority Document No :10 2010 008 707.6
(32) Priority Date :19/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/006953
Filing Date :16/11/2010
(87) International Publication No :WO 2011/101002
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KRÜGER GMBH & CO. KG.
Address of Applicant :Senefelderstrasse 44, 51469 Bergisch Gladbach, GERMANY
(72)Name of Inventor :
1)KRÜGER, Willibert

(57) Abstract :

The invention relates to a sweetener composition, in particular having a reduced physiological calorific value (energy content), preferably for sweetening food, the sweetener composition containing a combination of at least one sweetener and at least one water-soluble and/or water-dispersible, preferably water- soluble ballast substance, and to the use of said sweetener composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2026/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : METHOD OF PROVIDING IMPACT IN VACUUM

(51) International classification	:G21B1/19,G21B1/15
(31) Priority Document No	:1000003.2
(32) Priority Date	:04/01/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/000009
Filing Date	:04/01/2011
(87) International Publication No	:WO 2011/080523
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JACK, Colin

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Oxfordshire OX2 7NR U.K.

(72)Name of Inventor :

1)JACK, Colin

(57) Abstract :

In space a linear accelerator firing charged pellets can be situated at a large distance from a target at which the pellets are aimed. The accelerator can fire a graduated speed train of pellets over a period of seconds or longer which arrive at the target simultaneously and impart a large pulse of energy. An accelerator of modest power can thus provide a pulse in the megajoule range sufficient to ignite fusion. It is necessary to provide course corrections to the pellets to bring them together with very high precision as they approach the target. An ideal siting is to place the accelerator at the Earth Moon L1 or L2 Lagrange point (1) and the fusion target at a point (2) on the surface of the Moon (3) where the pellets will strike at grazing incidence i.e. on a great circle intersecting the lunar poles. Length of the particle trajectory (4) is over 60000 km. A first incoming course correction station sited on a lunar mountaintop can then be positioned as much as 150 km before the target. Siting on the Earth s surface is also possible with a vacuum tube connecting accelerator and target although the accelerator power needed increases in inverse proportion to the accelerator target separation.

No. of Pages : 26 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1910/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/07/2012

(43) Publication Date : 15/03/2013

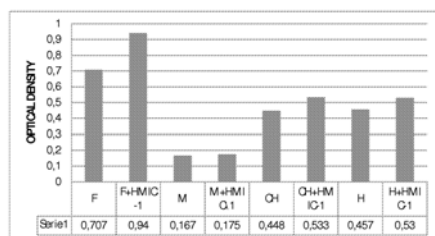
(54) Title of the invention : CELL HOMOGENATE FROM STEM CELLS DERIVED FROM GROWING DEER ANTLERS, A METHOD OF OBTAINING IT AND ITS USE

(51) International classification :A61K35/32
(31) Priority Document No :P 390272
(32) Priority Date :26/01/2010
(33) Name of priority country :Poland
(86) International Application No :PCT/PL2011/050003
Filing Date :26/01/2011
(87) International Publication No :WO 2011/093732
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)STEM CELLS SPIN S.A.
Address of Applicant :Lenartowicza 6, PL-51-150 Wroclaw
POLAND .
(72)Name of Inventor :
1)Dziewiszek, Wojciech
2)Cegielski, Marek
3)Bochnia, Marek

(57) Abstract :

The subject of the present invention is a bioactive cell homogenate produced from cells belonging to the MIC-1 stem cell line derived from growing deer antlers (Cervidae) deposited at the DSMZ under the accession DSM ACC2854, a method of producing and using it. The present invention also encompasses a pharmaceutical or cosmetic composition containing the above-mentioned homogenate.



No. of Pages : 33 No. of Claims : 16

(54) Title of the invention : METHODS FOR PRODUCING ISOMERS OF MUCONIC ACID AND MUCONATE SALTS

(51) International classification :C12N9/02,C12N9/88,C12N15/52

(31) Priority Document No :61/335,638

(32) Priority Date :08/01/2010

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

(86) International Application No :PCT/US2011/020681

Filing Date :10/01/2011

(87) International Publication No :WO 2011/085311

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

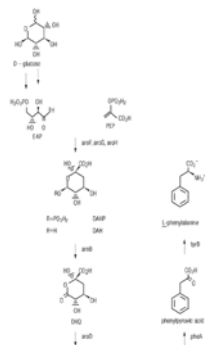
1)AMYRIS, INC.Address of Applicant :5885 Hollis Street, Suite 100
Emeryville, CA 94608 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)BUI, Vu**2)LAU, Man Kit****3)MACRAE, Doug****4)SCHWEITZER, Dirk**

(57) Abstract :

A method for producing cis,trans-and trans,trans-isomers of muconate by providing cis,cis-muconate produced from a renewable carbon source through biocatalytic conversion; isomerizing cis,cis-muconate to cis,trans-muconate under reaction conditions in which substantially all of the cis,cis-muconate is isomerized to cis,trans-muconate; separating the cis, trans muconate; and crystallizing the cis,trans -muconate. The cis,trans-isomer can be further isomerized to the trans,trans-isomer. In one example, the method includes culturing recombinant cells that express 3-dehydroshikimate dehydratase, protocatechuate decarboxylase and catechol 1,2-dioxygenase in a medium comprising the renewable carbon source and under conditions in which the renewable carbon source is converted to 3-dehydroshikimate by enzymes in the common pathway of aromatic amino acid biosynthesis of the cell, and the 3-dehydroshikimate is biocatalytically converted to cis,cis-muconate.



No. of Pages : 55 No. of Claims : 41

(54) Title of the invention : COMPENSATED PRESSURE REDUCTING DEVICE

(51) International classification :G05D16/06
 (31) Priority Document No :PD2010A000053
 (32) Priority Date :23/02/2010
 (33) Name of priority country :Italy
 (86) International Application No :PCT/EP2011/052183
 Filing Date :15/02/2011
 (87) International Publication No :WO 2011/104138
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

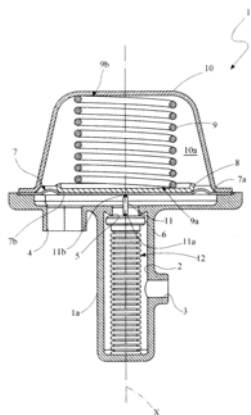
1)OMVL S.P.A.Address of Applicant :Via Rivella, 20, I-35020 Pernumia (PD)
ITALY

(72)Name of Inventor :

1)GRANDO, Maurizio**2)SPAGNOL, Stefano****3)VERONESE, Giuseppe****4)SARTORELLO, Luca**

(57) Abstract :

Device for reducing the delivery pressure of a combustible gas, particularly for systems supplying gas to internal combustion engines for automotive vehicles, comprising a diaphragm - operated plug element (6) for opening and closing a seat (5) a spring device (9) acting on the diaphragm, an actuator rod (11) connected to the plug (6) and to the diaphragm and a pressure compensator element (12) comprising a tubular body shaped in the form of a bellows, internally hollow and extending axially between opposite axial ends, one of which is connected to the plug (6) while the other is connected to a stationary structure of the reducer, the inner cavity (13) of the tubular body being sealed to separate it from the outside of the body, a predetermined pressure being created in the cavity (13).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2030/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : INHIBITORS OF PROTEIN KINASES

(51) International classification :C07D213/75,C07D401/12,C07D401/14
(31) Priority Document No :61/339,866
(32) Priority Date :10/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/053574
Filing Date :10/03/2011
(87) International Publication No :WO 2011/110612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Martinsried GERMANY
(72)Name of Inventor :
1)HEISER, Ulrich
2)NIESTROJ, André J.
3)ZEITLMANN, Lutz

(57) Abstract :

Compounds of general Formula (I) wherein R1, R2 R3, R4 A,B and x are as defined herein are inhibitors of protein kinases in particular members of the cyclin-dependent kinase family and/or the glycogen synthase kinase 3 family and are useful in preventing and/or treating any type of pain,inflammatory disorders,cancer, immunological diseases,proliferative diseases, infectious diseases,cardiovascular diseases, metabolic disorders, renal diseases, neurologic and neuropsychiatric diseases and neurodegenerative diseases.

No. of Pages : 121 No. of Claims : 18

(54) Title of the invention : ULTRA HIGH STRENGTH COLD ROLLED STEEL SHEET HAVING EXCELLENT BENDABILITY

(51) International classification :C22C38/00,C22C38/06,C22C38/58
 (31) Priority Document No :2010-041715
 (32) Priority Date :26/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/053882
 Filing Date :16/02/2011
 (87) International Publication No :WO 2011/105385
 (61) Patent of Addition 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)KAWAMURA Kenji**2)SETO Kazuhiro**

(57) Abstract :

Disclosed is a super-high strength cold-rolled steel sheet having excellent bending properties and lagging destruction resistance and having a small thickness. Specifically disclosed is a super-high strength cold-rolled steel sheet having excellent bending properties, characterized by containing a soft steel sheet surface layer part that comprises 0.15-0.30% of C, 0.01-1.8% of Si, 1.5-3.0% of Mn, 0.05% or less of P, 0.005% or less of S, 0.005-0.05% of Al, 0.005% or less of N, and the remainder made up by Fe and unavoidable impurities, and meeting the formulae shown below, wherein the soft steel sheet surface layer part contains tempered martensite at a ratio of 90% or more by volume, the structure of the center part of the steel sheet comprises tempered martensite, and the tensile strength of the steel sheet is 1270 MPa or more. $Hv(S)/Hv(C) \leq 0.8$ (1) (wherein Hv(S) represents the hardness of the soft steel sheet surface layer part; and Hv(C) represents the hardness of the steel sheet center part.) $0.10 \leq t(S)/t \leq 0.30$ (2) (wherein t(S) represents the thickness of the soft steel sheet surface layer part; and t represents the thickness of the sheet.)

No. of Pages : 35 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2033/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : WIND TUNNEL TURNING VANE HEAT EXCHANGER

(51) International classification :G01M9/04,A63G31/00,B64D23/00
(31) Priority Document No :61/295,229
(32) Priority Date :15/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/021437
Filing Date :15/01/2011
(87) International Publication No :WO 2011/088426
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SKYVENTURE INTERNATIONAL LTD
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Professional Center Nassau, BAHAMAS
(72)**Name of Inventor :**
1)METNI, N, Alan
2)ARLITT, Mark

(57) Abstract :

A cooling system for a wind tunnel (100) is disclosed. The heat exchanger (200) of the present disclosure is formed as a turning vane assembly in an airflow duct of a re circulating wind tunnels. The individual vanes (201) are formed from extruded aluminum with coolant fluid channels (206,207,208) running continually down the length of the vane. One or more channels can be used, depending on the application of vane and the cooling capacity needed. The exterior of the vanes are formed in an airfoil shape to efficiently turn the air flow the desired amount in a manner well known in the art. The turning vanes are connected to a fluid supply (204) with single piece connectors (202) that removably attach to the turning vanes. In the depicted embodiment the connectors are attached with screws. In the depicted embodiment the connectors are formed as a single piece in a two piece injection mold.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2034/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : FRESH GAS SUPPLY DEVICE FOR AN INTERNAL COMBUSTION ENGINE AND METHOD FOR OPERATING SAID TYPE OF FRESH GAS SUPPLY DEVICE

(51) International classification :F02B37/10,F02B33/44,F02D9/02

(31) Priority Document No :10 2010 004 657.4

(32) Priority Date :14/01/2010

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/050280

Filing Date :11/01/2011

(87) International Publication No :WO 2011/086069

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH

Address of Applicant :Moosacher Strasse 80, 80809 München, GERMANY

(72)Name of Inventor :

1)GERUM, Eduard

(57) Abstract :

The invention relates to a fresh gas supply device (20) for an internal combustion engine (1) having a exhaust gas turbocharger (2), said device comprising a charge air inlet (9) for taking in a compressed charge air flow (28) from the exhaust gas turbo charger (2); an outlet (10) which is connected to the charge air inlet (9) via a valve section (17), said valve section (17) being closed in a closed position by at least one flap valve (23) which can be pivoted, preferably, about a flap rotational axis (24); an adjusting device (22) which is coupled to the at least one flap valve (23) for adjusting the same in the closing direction; and a compressed air inlet (11) for taking in compressed air into the outlet (10). Said compressed air inlet (11) is arranged such that the compressed air is directed into a compressed air flow (30) in the direction of the valve section (17) to the at least one flap valve (23). The invention also relates to a corresponding method for operating said fresh gas supply device (20).

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

(54) Title of the invention : METHOD FOR ADJUSTING A SPINNING SPEED OF A DRUM OF A HOUSEHOLD APPLIANCE FOR CARING FOR LAUNDRY ITEMS

(51) International classification :D06F37/20,D06F37/30,G01H1/00

(31) Priority Document No :10 2010 002 048.6

(32) Priority Date :17/02/2010

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/051386

Filing Date :01/02/2011

(87) International Publication No :WO 2011/101237

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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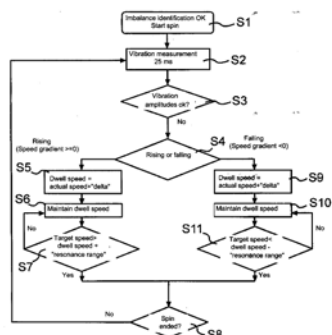
(72)Name of Inventor :

1)COMPAINS PASCUALENA, Eduardo

2)JURMANN, Rainer

(57) Abstract :

The invention relates to a method for adjusting a spinning speed of a drum of a household appliance for caring for laundry items said appliance being placed on a base, wherein a gradient of the actual speed of the drum is detected for a spinning process and a determination is made as to whether the speed gradient is increasing or decreasing and wherein when vibrations of the household appliance having frequency and/or amplitude depending on the base arise during the spinning process said vibrations are detected and compared to reference values wherein if the parameter value characterizing the vibrations deviates from the reference values the spinning speed is modified depending on the determined speed gradient.



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

(54) Title of the invention : FLUSHING WATER CONTAINER SYSTEM FOR FLUSHING WATER OF A MOBILE TOILET

(51) International classification :E03B1/04
 (31) Priority Document No :10 2010 007 115.3
 (32) Priority Date :05/02/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/051692
 Filing Date :04/02/2011
 (87) International Publication No :WO 2011/095611
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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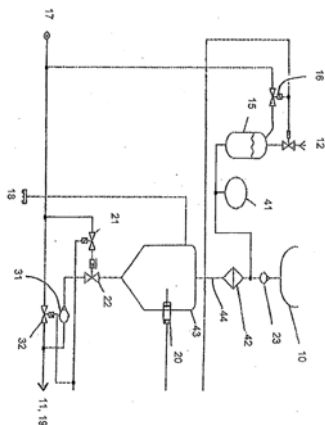
GERMANY

(72)Name of Inventor :

1)ZAHIR, Tariq**2)WENDT, Tobias****3)BOTH, Detlev**

(57) Abstract :

Flushing water container system for flushing water of a mobile toilet (11), in particular a mobile vacuum toilet (11), comprising a flushing water container (43) having a flushing water container inflow (44), characterized in that the flushing water container (43) is designed to receive gray water from a basin (10), which is in particular a hand wash basin or a shower wash basin, and a metering device (41) is provided which is fluidically connected to the flushing water container (43) and designed to treat the gray water by feeding a lime dissolving and/or bactericidal treatment agent, wherein the flushing water container (43) is designed to release the treated gray water as flushing water to the mobile toilet (11).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2012

(21) Application No.2028/KOLNP/2012 A

(43) Publication Date : 15/03/2013

(54) Title of the invention : LONGITUDINAL RAIL GUIDE

(51) International classification	:B60N2/08
(31) Priority Document No	:10 2010 003 568.8
(32) Priority Date	:31/03/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/054729
Filing Date	:28/03/2011
(87) International Publication No	:WO 2011/120920
(61) Patent of Addition 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 :Merscheider Str. 167, 42699 Solingen
GERMANY

(72)Name of Inventor :

1)SPECK, Axel

2)URBAN, Daniel

3)THIEL, Thomas

(57) Abstract :

The invention relates to a longitudinal rail guide of a motor vehicle seat having a bottom rail (20) with a top rail (22) which is movable in longitudinal direction (24) relative to the bottom rail (20) and with a locking device. The locking device has a guide part (26) which is disposed on the top rail (22) and has at least one guide opening (30) and for each guide opening (30) there is a blocking part (34) which is disposed so as to be movable in the guide opening (30). The locking device also has latching openings (40) which are formed in the bottom rail (20) wherein in a normally prevailing blocked state of the locking device at least one blocking part (34) engages in one of the latching openings (40) and in an actuated released position no blocking part (34) engages in a latching opening (40). The longitudinal rail guide is characterised in that the guide part (26) has a free edge (54) which lies directly opposite an adjacent inner surface (56) of the bottom rail (20) and that before an accident the free edge (54) is located at a small distance from the adjacent inner surface (56) of the bottom rail (20) and after an accident the free edge bears against the adjacent inner surface (56).

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2036/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012

(43) Publication Date : 15/03/2013

(54) Title of the invention : POWERED ROLL-IN COTS

(51) International classification	:A61G1/02
(31) Priority Document No	:61/294,658
(32) Priority Date	:13/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/021069
Filing Date	:13/01/2011
(87) International Publication No	:WO 2011/088169
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FERNOWASHINGTON, INC.
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(72)**Name of Inventor :**
1)VALENTINO, Nicholas V.
2)PALASTRO, Matthew
3)SHEN, Zhen Y.
4)WELLS, Timothy R.
5)SCHROEDER, Timothy Paul
6)MARKHAM, Joshua James
7)POTAK, Robert L.

(57) Abstract :

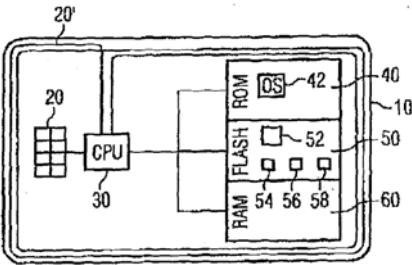
According to one embodiment, a roll-in cot may include a support frame, a pair of front legs, a pair of back legs, and a cot actuation system. The pair of front legs may be slidably coupled to the support frame. Each front leg includes at least one front wheel. The pair of back legs may be slidably coupled to the support frame. Each back leg includes at least one back wheel. The cot actuation system includes a front actuator that moves the front legs and a back actuator that moves the back legs. The front actuator and the back actuator raises or lowers the support frame in tandem. The front actuator raises or lowers the front end of the support frame independently of the back actuator. The back actuator raises or lowers the back end of the support frame independently of the front actuator.

No. of Pages : 47 No. of Claims : 43

(54) Title of the invention : METHOD FOR AUTHENTICATING A PORTABLE DATA CARRIER

<div>(51) International classification :G06F21/20</div> <div>(31) Priority Document No :10 2010 010 950.9</div> <div>(32) Priority Date :10/03/2010</div> <div>(33) Name of priority country :Germany</div> <div>(86) International Application No :PCT/EP2011/001107</div> <div> Filing Date :07/03/2011</div> <div>(87) International Publication No :WO 2011/110318</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)GIESECKE & DEVRIENT GMBH Address of Applicant :Prinzregentenstrasse 159, 81677 München GERMANY</div> <div>(72)Name of Inventor : 1)EICHHOLZ, Jan 2)MEISTER, Gisela</div>
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(57) Abstract :
The invention relates to a method for authenticating a portable data carrier (10) with respect to a terminal, comprising the following steps: in the data carrier (10) a public session key (PKsession) is derived (S5) from a public key (PK1) that is individual to the data carrier. The public key (PK1) that is individual to the data carrier has in turn been derived (TS32; S1) from a public group key (PK). Furthermore, a secret session key (SKsession) is derived (S4) from a secret key (SK1) that is individual to the data carrier, said secret key (SK1) that is individual to the data carrier having in turn been derived (TS31) from a secret group key (SK). A secret communication key (KK) is subsequently agreed (S7) between the data carrier (10) and the terminal. Finally the terminal verifies (S8) the public session key (PKsession) of the data carrier (10).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2025/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/08/2012

(43) Publication Date : 15/03/2013

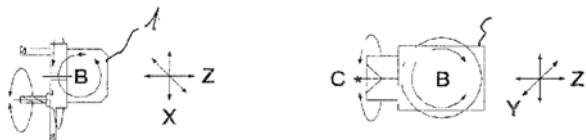
(54) Title of the invention : MULTIFUNCTION MODULAR MACHINE TOOL FOR INTEGRATED MACHINING PROCESSES

(51) International classification :B23Q39/02
(31) Priority Document No :RM2010A000042
(32) Priority Date :08/02/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/050531
Filing Date :08/02/2011
(87) International Publication No :WO 2011/095957
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)ONGARO, Stefano

(57) Abstract :

machined A multifunction modular machine tool for integrated machining processes permits the combination of a number of units which can machine a workpiece to be machined (P) in a coordinated manner with one another with a single hold without therefore requiring any relocation of the workpiece and comprises a main headstock (30) capable of disposing a workpiece to be machined (P) inside a workspace (A) and to effect a rotation (CC1) thereof about a main axis (ZZ1) during different machining operations and at least one work guide (42) which extends in a direction substantially parallel to the main axis (ZZ1) and supports at least two work units (10 11 21 21 22 23 23 24 25 26 26) which are able to slide independently on the work unit guide (42) in such a way that they can be disposed alternately and independently of one another inside said workspace (A) in such a way as to operate on the workpiece to be (P) or outside said workspace (A).



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

AMENDMENT UNDER SEC.57 (KOLKATA)

An application for change in the address for service of the Patentee from M/S. L. S. DAVAR & CO., 32, RADHA MADHAB DUTTA GARDEN LANE , KOLKATA – 700 010 to **M/S. K & S PARTNERS , 4121/B, 6TH CROSS, 19A MAIN, HALL II STAGE [EXTENSION], BANGALORE – 560 038** in respect of Patent No. 252933 (96/KOLNP/2007) was filed. Any person interested may at any time within three months from the date of publication give notice on Form-14 to the Controller of Patents , if any, at the appropriate office .

**PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENT (CHENNAI)**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patent under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under Rule 85 of the Patents (Amendment) Rules, 2006.

PATENT NUMBER	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
249683	M/s. QUALCOMM INCORPORATED	SYSTEM AND METHOD FOR ESTIMATING AND TRANSMITTING CHANNEL QUALITY FEEDBACK	19/02/2012	CHENNAI

**PUBLICATION U/R 84[3] IN RESPECT OF APPLICATION FOR RESTORATION OF
PATENTS (KOLKATA)**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under rule 85 of the Patents Rules, 2003.

Patent No.	Applicants	Title	Date of Cessation	Appropriate Office
239549	DEPARTMENT OF HEALTH AND HUMAN SERVICES & SEQUELLA INCORPORATED	ANTI TUBERCULAR DRUG COMPOSITIONS AND METHODS	19/05/2012	KOLKATA
213961	TAEIL SYSTEMS CO., LTD	DIGITAL TEXTILE PRINTER	18/08/2011	KOLKATA
237039	EVERGREEN SOLAR INC.	METHOD AND APPARATUS FOR DOPING SEMICONDUCTORS	08/08/2011	KOLKATA
187842	UNIVERSITE DE SHERBROOKE	A DEVICE FOR CONDUCTING A DEPTH-FIRST SEARCH IN A CODEBOOK FOR ENCODING A SOUND SIGNAL	08/03/2007	KOLKATA
203282	SHELL SOLAR GMBH	A METHOD OF FABRICATING A THIN FILM COMPONENT	17/09/2008	KOLKATA

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	189348	369/DEL/1994	30/03/1994		AN ARTIUCULATED COUPLING FIR USE IN CONNECTING ADJACENT ENDS OF RAILWAY CAR BODY MEMBERS.	WESTINGHOUSE AIR BRAKE COMPANY A CORPORATION ORGANIZED AND EXISTIONG UNDER THE LAWS OF THE STATE OF DELAWARE UNITED STATES OF AMERICA .		DELHI
2	192972	663/DEL/1998	17/03/1998		A METHOD FOR PRODUCING HIGH PRESSURE NITROGEN AND PRESSURE OXYGEN	PRAXAIR TECHNOLOGY, INC.,		DELHI
3	255609	5391/DELNP/2005	13/06/2005	13/06/2003	TRANSMISSION LINE	TELEFONAKTIEBOLAG ET LM ERICSSON (PUBL)	21/12/2007	DELHI
4	255615	4594/DELNP/2006	04/02/2005	05/02/2004	POWER CONTROL IN AD-HOC WIRELESS NETWORKS	QUALCOMM INCORPORATED	24/08/2007	DELHI
5	255616	5073/DELNP/2006	05/04/2005	30/04/2004	METHOD FOR MAKING A SEMICONDUCTOR STRUCTURE USING SILICON GERMANIUM	FREESCALE SEMICONDUCTOR, INC.	13/07/2007	DELHI
6	255617	2864/DELNP/2006	12/10/2004	21/11/2003	SLEEP GUIDANCE SYSTEM AND RELATED METHODS	FIRST PRINCIPLES, INC.,	10/08/2007	DELHI
7	255618	1472/DEL/2004	09/08/2004	30/09/2003	A V-BELT TYPE CONTINUOUSLY VARIABLE TRANSMISSION	HONDA MOTOR CO., LTD.	31/07/2009	DELHI
8	255622	537/DEL/2005	11/03/2005	30/03/2004	METHOD FOR THE REMOTE CONTROL OF A MICROPHONE	AKG ACOUSTICS GMBH	01/12/2006	DELHI
9	255626	3169/DELNP/2004	17/04/2003	20/04/2002	A MACHINE TOOL	RENISHAW PLC	09/10/2009	DELHI
10	255629	4164/DELNP/2008	28/11/2006	29/11/2005	METHODS FOR INCREASING THE MEAN PARTICLE SIZE OF 2-HYDROCARBYL-3,3-BIS(HYDROXYARYL)PHTHA LIMIDINES	SABIC Innovative Plastics IP B.V.	01/08/2008	DELHI
11	255635	8670/DELNP/2007	04/05/2006	12/05/2005	PROCESS FOR THE PRODUCTION OF VINYLENE CARBONATE	SALTIGO GMBH	14/12/2007	DELHI
12	255639	1799/DELNP/2007	27/09/2005	27/09/2004	A FUNGICIDAL COMPOSITION OF THIOPHENE DERIVATIVE	E.I DUPONT DE NEMOURS AND COMPANY.,	17/08/2007	DELHI

13	255650	3846/DELNP/2006	14/12/2004	23/12/2003	A WIPER	LONGOOD MEDICINE (JIANGSU) CO., LTD	27/04/2007	DELHI
14	255653	2386/DEL/2004	29/11/2004		A PROCESS FOR THE MANUFACTURE OF LOW POTENTIAL SACRIFICIAL ANODE FOR PROTECTION OF HIGH STRENGTH STEEL	DIRECTOR GENERAL, DEFENCE RESEARCH AND DEVELOPMENT ORGANISATION	05/09/2008	DELHI
15	255654	2721/DEL/2005	10/10/2005		PROCESS FOR PRODUCTION OF DIALKYL CARBONATES	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	02/10/2009	DELHI
16	255661	1967/DEL/2006	01/09/2006		A MECHANICAL SYSTEM FOR CHOPPING AND CRUSHING OF WATER HYACINTH PLANTS	INDIAN COUNCIL OF AGRICULTURAL RESEARCH	04/04/2008	DELHI
17	255664	1990/DEL/2005	27/07/2005		A METHOD FOR MAGNETIC ABRASIVE FINISHING USING A PULSATING FLEXIBLE MAGNETIC ABRASIVE BRUSH	INDIAN INSTITUTE OF TECHNOLOGY, KANPUR	13/07/2007	DELHI
18	255673	533/DELNP/2007	18/07/2005	19/07/2004	COMPOSITION COMPRISING ASPARTATE AND VITAMIN B12 OR BIOTIN FOR REGULATING KETONE BODIES	N.V. NUTRICIA	03/08/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	170138	125/BOM/1989	11/05/1989		AN AQUEOUS COSMETIC COMPOSITION CONTAINING ESTER OF PYROGLUTAMIC ACID.	HINDUSTAN LEVER LIMITED.	01/07/1989	MUMBAI
2	171291	214/BOM/1989	02/08/1989		AN IMPROVED SHAFT COUPLING ASSEMBLY	HETKARI MAHAJAN WADI	23/09/1989	MUMBAI
3	171567	131/BOM/1991	09/05/1991		A PROCESS TO TREAT INDUSTRIAL EFFLUENTS BY OF FREE AND COMPLEX CYANIDE COMPOUNDS THEREIN.	SUDARSHAN CHEMICAL INDUSTRIES LIMITED	10/08/1991	MUMBAI
4	173171	315/BOM/1990	03/12/1990		AN IMPROVED PROCESS FOR THE PREPARATION OF DI-TERTIARY-BUTYL PEROXIDE.	INDIAN OIL CORPORATION LTD.,	19/03/1991	MUMBAI
5	174041	95/BOM/1990	02/05/1990		A LOCK COMMONLY KNOWN AS NIGHT LATCH.	STEELAGE INDUSTRIES LIMITED,	14/07/1990	MUMBAI
6	178574	44/BOM/1994	07/02/1994		CONTAINER.	ASHOK RATANSHI SHAH	07/05/1994	MUMBAI
7	255610	1914/MUMNP/2007	19/05/2006	20/05/2005	SINGLE DOMAIN VHH ANTIBODIES AGAINST VAN WILLEBRAND FACTOR	ABLYNX N. V.	21/12/2007	MUMBAI
8	255627	1361/MUM/2006	30/08/2006 14:31:58		A BIOMETRIC METHOD AND SYSTEM FOR PERSONAL IDENTIFICATION USING MULTIPLE PATTERNS ON NAIL SIDE OF FINGER (S)	THE SECRETARY,DEPARTME NT OF ATOMIC ENERGY	31/10/2008	MUMBAI
9	255630	2535/MUMNP/2008	14/05/2007	19/05/2006	A CONTINUOUS METHOD OF PRODUCING A MASH EXTRACT	HEINEKEN SUPPLY CHAIN B.V.	20/02/2009	MUMBAI
10	255632	276/MUMNP/2010	12/08/2008	13/08/2007	METHOD FOR INCREASING ASPARAGINASE ACTIVITY IN A SOLUTION	FRITO-LAY NORTH AMERICA, INC.	18/11/2011	MUMBAI
11	255641	1515/MUM/2007	06/08/2007		EXTENDED RELEASE TABLET FORMULATION OF SERRATIOPEPTIDASE	COMED CHEMICALS LIMITED	29/05/2009	MUMBAI
12	255652	1092/MUM/2008	23/05/2008		PROCESS FOR THE PREPARATION OF IMATINIB MESYLATE	MAC CHEM PRODUCTS INDIA PVT. LTD.,SHANGHAI PARLING PHARMATECH CO. LTD.	27/11/2009	MUMBAI

13	255662	236/MUMNP/2009	30/07/2007	03/08/2006	ORAL CARE COMPOSITION	HINDUSTAN UNILEVER LIMITED	15/05/2009	MUMBAI
14	255675	81/MUM/2009	13/01/2009		FLUORESCENT COMPOSITION FOR GENERATING BLUE COLOUR IN SOLID STATE LIGHTING HAVING NS2 ACTIVATED ALKALI-ALKALINE EARTH COMPOUNDS	SHRI RAMDEOBABA KAMLA NEHRU ENGINEERING COLLEGE NAGPUR	23/07/2010	MUMBAI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	255619	858/CHENP/2007	21/07/2005	28/07/2004	SPRAYING APPARATUS AND METHOD OF USING THE SAME	RECKITT BENCKISER (UK) LIMITED	24/08/2007	CHENNAI
2	255620	2786/CHENP/2008	06/12/2006	09/12/2005	PROCESS FOR THE PRODUCTION OF PIPING MADE OF A CEMENTITIOUS MATERIAL HAVING A CIRCULAR SECTION	ITALCEMENTI S.P.A	06/03/2009	CHENNAI
3	255621	1517/CHENP/2004	14/11/2003	15/11/2002	DIRECT CONVERSION WITH VARIABLE AMPLITUDE LO SIGNALS	QUALCOMM INCORPORATED	10/02/2006	CHENNAI
4	255623	4119/CHENP/2006	07/04/2005	09/04/2004	HIGHLY-BREATHABLE BIODEGRADABLE FILM BAG	Novamont S.P.A.	15/06/2007	CHENNAI
5	255624	4207/CHENP/2006	15/04/2005	15/04/2004	AN INTEGRATED SENSOR-SEAL MODULE FOR DETECTING ANGULAR POSITION OF A CRANKSHAFT	FEDERAL-MOGUL CORPORATION	22/06/2007	CHENNAI
6	255625	3273/CHENP/2006	07/03/2005	10/03/2004	CATHETER, APPARATUS AND METHOD FOR THERAPEUTIC EMBOLIZATION	KONINKLIJKE PHILIPS ELECTRONICS N.V.	06/07/2007	CHENNAI
7	255637	345/CHENP/2007	21/07/2005	26/07/2004	COOLANT LINE	Evonik Degussa GmbH	24/08/2007	CHENNAI
8	255638	4310/CHENP/2006	21/04/2005	23/04/2004	A DEVICE FOR IMPLANTING A BONE IMPLANT	SYNTHES GmbH	15/06/2007	CHENNAI
9	255642	1733/CHE/2005	25/11/2005		SYNERGISTIC ANTIBACTERIAL COMPOSITION OF CEFIXIME AND CLOXACILLIN / DICLOXACILLIN SODIUM OR ANY OTHER OXACILLIN WITH CLAVULANIC ACID	SRINIVAS JEGANNATHAN	28/09/2007	CHENNAI
10	255644	4170/CHENP/2006	11/05/2005	11/05/2004	AN EXTRUSION PROCESS	MONOSOL AF LTD	22/06/2007	CHENNAI
11	255646	590/CHE/2006	31/03/2006		METHOD FOR NETWORK INITIATED FAST HANDOFF IN A PANA NETWORK	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	23/11/2007	CHENNAI

12	255647	3193/CHENP/2004	21/07/2003	29/08/2002	AN ULTRASONIC DIAGNOSTIC IMAGING SYSTEM AND A METHOD OF PRODUCING BIPLANE ULTRASONIC IMAGES	KONINKLIJKE PHILIPS ELECTRONICS N. V.	03/03/2006	CHENNAI
13	255648	2940/CHENP/2004	26/06/2003	06/06/2002	A METHOD FOR PERFORMING SLEEP FOR A TERMINAL IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	17/02/2006	CHENNAI
14	255655	936/CHE/2006	31/05/2006		METHOD FOR ACCESSING AND CONTROLLING A REMOTE MOBILE DEVICE	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	07/12/2007	CHENNAI
15	255663	1519/CHE/2006	24/08/2006		A METHOD FOR PAGING USER EQUIPMENTS	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	12/09/2008	CHENNAI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	255608	1025/KOL/2006	05/10/2006		SYNTHETIC SLAG USED FOR ADJUSTING THE SIO ₂ CONTENT OF SLAG IN THE PRODUCTION OF HIGH CARBON FE MN IN SUBMERGED ARC FURNACE (SAF)	TATA STEEL LIMITED,	04/05/2007	KOLKATA
2	255611	1213/KOLNP/2007	02/11/2005	03/11/2004	MULTIMODAL POLYETHYLENE COMPOSITION WITH IMPROVED HOMOGENEITY	BOREALIS TECHNOLOGY OY	20/07/2007	KOLKATA
3	255612	2166/KOLNP/2007	19/12/2005	20/12/2004	PROCESS FOR PRODUCTION OF (4,5-DIHYDROISOXAZOL-3-YL) THIO-CARBOXAMIDINE SALTS	IHARA CHEMICAL INDUSTRY CO., LTD.	17/08/2007	KOLKATA
4	255613	88/KOL/2004	16/11/1998	11/12/1997	CATALYST, PROCESS FOR PRODUCING THE CATALYST AND PROCESS FOR PREPARING VINYL ACETATE USING THE CATALYST	CELANESE GMBH	09/06/2006	KOLKATA
5	255614	701/CAL/2002	16/12/2002	13/03/2002	A PRODUCTION METHOD FOR A POROUS PREFORM	FUJIKURA LTD	11/03/2005	KOLKATA
6	255628	697/KOLNP/2005	18/09/2003	23/09/2002	A DIAGNOSTIC SYSTEM TO DETERMINE THE OPERATIONAL PARAMETERS OF A COMPLEX DEVICE OR PROCESS TO PRODUCE PROTOTYPE DEVICES	OPTIMUM POWER TECHNOLOGY, L.P.	15/12/2006	KOLKATA
7	255631	3080/KOLNP/2006	05/05/2005	05/05/2004	MULTIPLE SOURCE HIGH PERFORMANCE STEREOGRAPHIC PROJECTION SYSTEM.	IMAX CORPORATION	08/06/2007	KOLKATA
8	255633	1231/KOLNP/2008	10/08/2006	10/08/2005	AN ADDITIVE FOR APPLICATIONS IN CONSTRUCTION CHEMISTRY	CONSTRUCTION RESEARCH & TECHNOLOGY GMBH	26/12/2008	KOLKATA

9	255634	3834/KOLNP/2007	13/02/2006	13/04/2005	ADAPTIVE GROUPING OF PARAMETERS FOR ENHANCED CODING EFFICIENCY	FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	25/01/2008	KOLKATA
10	255636	701/KOLNP/2005	06/10/2003	04/10/2002	A METHOD FOR USE IN MANAGING RESOURCES FOR IP NETWORKING	STARENT NETWORKS CORPORATION	16/05/2008	KOLKATA
11	255640	2909/KOLNP/2007	24/05/2006	30/05/2005	REACTIVE DYES AND PREPARATION THEREOF	DYSTAR COLOURS DISTRIBUTION GMBH	14/09/2007	KOLKATA
12	255643	3650/KOLNP/2006	27/05/2005	01/06/2004	A METHOD OF FORMING A TRANSFORMER COIL ASSEMBLY	ABB TECHNOLOGY AG	15/06/2007	KOLKATA
13	255645	294/KOLNP/2006	24/02/2005	28/02/2004	INFORMATION STORAGE MEDIUM AND METHOD AND SYSTEM FOR RECORDING DATA ON THE SAME	SAMSUNG ELECTRONICS CO., LTD.	03/08/2007	KOLKATA
14	255649	4091/KOLNP/2007	03/05/2006	03/05/2005	ARTICLE OF LIGHTWEIGHT INORGANIC AGGLOMERATE IN FORM OF SLAB, PROCESS OF MANUFACTURING THE SAME AND RESULTING PANEL	TONCELLI, LUCA	02/01/2009	KOLKATA
15	255651	1815/KOLNP/2007	10/11/2005	22/11/2004	OPHTHALMIC COMPOSITIONS COMPRISING POLYETHER SUBSTITUTED POLYMERS	JOHNSON & JOHNSON VISION CARE, INC	10/08/2007	KOLKATA
16	255656	259/KOL/2005	31/03/2005	01/04/2004	A RAPID DIAGNOSTIC TEST SYSTEM AND A PROCESS THEREFORE	ALVERIX, INC.	01/12/2006	KOLKATA
17	255657	1500/KOL/2007	01/11/2007	05/01/2007	A SYSTEM AND A METHOD FOR BRAKING A VEHICLE	GM GLOBAL TECHNOLOGY OPERATIONS, INC	18/07/2008	KOLKATA
18	255658	3148/KOLNP/2006	31/03/2005	07/04/2004	GAS PROBE WITH HYGROSCOPICALLY COATED PROTECTIVE DEVICE,	EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH,AUDI AG	08/06/2007	KOLKATA
19	255659	1499/KOL/2007	01/11/2007	26/01/2007	AN ELECTRO HYDRAULIC CONTROL SYSTEM FOR A TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	15/08/2008	KOLKATA
20	255660	1126/KOL/2006	26/10/2006	04/11/2005	A MEDICAL AGENT DISPENSING SYSTEM STRUCTURED FOR USE WITH A SURGICAL INSTRUMENT	ETHICON ENDO-SURGERY, INC	06/07/2007	KOLKATA

21	255665	1731/KOL/2007	26/12/2007	03/01/2007	AN APPARATUS FOR THE NON-CONTACT MEASUREMENT OF TENSIONAL STRESS IN A POWER TRANSMITTING ROTATING SHAFT	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	10/04/2009	KOLKATA
22	255666	1663/KOL/2007	11/12/2007		AN IMPROVED WATER TUBE TYPE ECONOMISER FOR COOLING AND RECOVERING OF HEAT FROM SYNGAS IN PRESSURIZED FLUIDIZED BED GASSIFIERS	BHARAT HEAVY ELECTRICALS LIMITED	19/06/2009	KOLKATA
23	255667	832/KOLNP/2007	03/08/2005	27/08/2004	A MULTI-TIER CONTROLLER FOR DIRECTING OPERATION OF A SYSTEM PERFORMING A PROCESS AND A METHOD FOR DIRECTING PERFORMANCE OF A PROCESS	ALSTOM TECHNOLOGY LTD.	13/07/2007	KOLKATA
24	255668	373/KOL/2007	13/03/2007		A METHOD FOR DETECTION OF DEFECTS DURING WELDING BY ULTRASONIC TESTING	BHARAT HEAVY ELECTRICALS LIMITED	03/10/2008	KOLKATA
25	255669	2555/KOLNP/2006	18/05/2006	19/05/2004	A METHOD FOR SETTING UP A CALL BETWEEN A CALLING MOBILE STATION AND A CALLED MOBILE STATION BY A MOBILE SWITCHING CENTER MSC IN A MOBILE COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO. LTD.	01/06/2007	KOLKATA
26	255670	1492/KOLNP/2006	19/10/2004	01/12/2003	METHOD OF ORDERING DATA WRITES AND DATA STORAGE DEVICE	EMC CORPORATION	04/05/2007	KOLKATA
27	255671	2853/KOLNP/2006	01/03/2005	01/03/2004	A PREPAID WATT-HOUR METER SYSTEM	QI, CHANGYUAN	08/06/2007	KOLKATA
28	255672	171/KOLNP/2007	17/08/2005	17/08/2004	A METHOD AND APPARATUS FOR BROADCASTING AND RECEIVING INFORMATION OF NEIGHBOR BASE STATIONS IN A COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO.LTD	29/06/2007	KOLKATA
29	255674	4324/KOLNP/2007	17/03/2006	14/04/2005	DISTRIBUTED TRANSMIT DIVERSITY IN A WIRELESS COMMUNICATION NETWORK	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	04/07/2008	KOLKATA
30	255676	782/KOLNP/2006	15/10/2004	22/10/2003	METHOD OF PLASMA SPRAYING	KYUSHU ELECTRIC POWER CO., INC.	03/04/2009	KOLKATA

CONTINUED TO PART- 2