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का
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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

29th March, 2013

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**THE PATENT OFFICE
KOLKATA 29/03/2013**

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

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

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

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

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

पेटेंट कार्यालय
कोलकाता, दिनांक 29/03/2013
कार्यालयों के क्षेत्राधिकार के पते

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

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

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

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

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

SPECIAL NOTICE

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

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

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

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

Early Publication:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.581/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : UTILIZATION OF PETHA INDUSTRY WASTE TO MAKE PULP FOR PAPER MAKING.

(51) International classification	:B09B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASHUTOSH PANDEY
(32) Priority Date	:NA	Address of Applicant :1662, BEHIND BUFFER GODOWN,
(33) Name of priority country	:NA	SUSHIL NAGAR, ORAI-285001, U.P. Uttar Pradesh India
(86) International Application No	:NA	2)ARVIND
Filing Date	:NA	3)AVNEESH VERMA
(87) International Publication No	: NA	4)SAUMYA DWIVEDI
(61) Patent of Addition to Application Number	:NA	5)LALIT SARASWAT
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)ASHUTOSH
Filing Date	:NA	2)ARVIND
		3)AVNEESH VERMA
		4)SAUMYA DWIVEDI
		5)LALIT SARASWAT

(57) Abstract :

This invention describes a novel, indigenous and alternative method of paper making by pulp, obtained from the fruit of Benincasa hispida, which is trivially called fuzzy or winter melon. Unlike the traditional methods of pulp making (largely from wood), this method recycles the raw material obtained from the Agra's famous "Petha" industry, which throws the peel of this fruit as a industrial waste. Utilization of petha waste i.e the peel itself as raw material for paper making is a comprehensive technique with industrial applicability due to cost effectiveness, economical advantages and eco friendly methodology that addresses the major problems of solid waste management, water pollution and deforestation. Currently about 90 percent of all pulp is produced from wood. The fruit "Ash Gourd", (Benincasa hispida) commonly known in India as Petha , is believed to have remarkable curative (nutritive, medicinal) properties. This innocuous pumpkin like vegetable has been transformed into a gourmet's fantasy in the famous crystalline and translucent form of sweet Petha. The thick peel of this waste is thrown as a waste which becomes major factor in contributing organic, inorganic, physical pollution especially on the river banks or land of the cities that are the major producers of petha. Thus this technique addresses to these major environmental problems along with suggesting a novel process of pulp making (from petha peel) which can be utilized for making paper.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3067/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :01/11/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : "AN OSCILLATING ENGINE"

(51) International classification	:F01L 1/00	(71) Name of Applicant : 1)MOHAMMADALI ALIAKBAR BAGWAN
(31) Priority Document No	:NA	Address of Applicant : 'ROW HOUSE NO-15,GANDHARVA
(32) Priority Date	:NA	NAGRI, TAPKIR NAGAR,PUNE-NASHIK HIGHWAY,
(33) Name of priority country	:NA	MOSHI, PUNE. Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MOHAMMADALI ALIAKBAR BAGWAN
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an oscillating internal combustion engine. The internal combustion engine include a cylinder, a piston, an inlet for fuel-air mixture, a spark plug, and a port to exhaust combustible gases from the cylinder. The cylinder includes at least three first vanes configured on internal surface thereof. The at least three first vanes extends radially towards a centre thereof. Further, the piston is movably disposed inside the cylinder. The piston includes a shaft with at least three second vanes extending radially away from a centre of the shaft, wherein each vane of the at least three second vanes is capable of oscillating between two vanes of the at least three first vanes. Figure 1

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

(54) Title of the invention : HTPP PROCESS FOR PREPARATION OF HTPP MATERIAL FOR MOLDED ARTICLES

(51) International classification	:B29C 70/34	(71)Name of Applicant : 1)MR. PRABHAKAR GOVIND GOSAVI Address of Applicant :G3, SWEET HOME SOCIETY, 3A ERANDWANE, PUNE-411 004 Maharashtra India
(31) Priority Document No	:NA	2)MRS. PRATIBHA PRABHAKAR GOSAVI
(32) Priority Date	:NA	3)DR. TEJAS PRABHAKAR GOSAVI
(33) Name of priority country	:NA	4)MR. PINAKI GHOSH
(86) International Application No	:NA	5)MR. AMIT DATTATRAY KANDHARE
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)MR. PRABHAKAR GOVIND GOSAVI
(61) Patent of Addition to Application Number	:NA	2)MRS. PRATIBHA PRABHAKAR GOSAVI
Filing Date	:NA	3)DR. TEJAS PRABHAKAR GOSAVI
(62) Divisional to Application Number	:NA	4)MR. PINAKI GHOSH
Filing Date	:NA	5)MR. AMIT DATTATRAY KANDHARE

(57) Abstract :

The invention discloses HTPP process for obtaining HTPP material used for preparation of molded articles. The process of manufacture of HTPP material by HTPP process is as follows: HTPP (High Tensile Pressed Product) is an innovation of tensile boards prepared from chemically treated waste green plant materials. The wet plant material is first crushed to remove proteinaceous waste material. This wet material produces the biogas with other wet materials. The crushed material consists of cellulose and lignin. In this material, lignin is working as a cementing material for the cellulose fiber. In our process, lignin is partially dissolved in alkali solution. The bonds of cellulose and lignin are dissociated. Then cellulose fibers are beaten by specific blades to separate the bundles and cut them in uniform length of the fiber which is known as disintegration. This disintegrated material is again pounded in a beater machine (Hollander Beater) to remove or fracture the primary wall which is water repellent and chemically inert that is known as fibrillation. This fibrillation is water absorbent or chemically active material. When this fibrillation is taken to a degree of beating known as CSF (Canadian Freeness Tester) or Degree S R (Shopper Redger Tester), that produces a hydrogen bonding which is in turn responsible for elevation of strength enhancement (mobility, plasticity and elasticity). The CSF indicates the freeness of the water from the pulp. The hidden meaning is water holding capacity of the fiber. Shopper Redger Test indicates directly water holding capacity of the fiber in another way water leaving capacity that is freeness. This test determines bursting strength tensile strength folding strength stiffness hardness of the board. When these fibrillated fibers of one fiber and another fiber come in close contact they form hydrogen bonding within the fibers. In this process, we are adding waste liquor obtained from the digestion process. This liquor contains some percentage of dissolved lignin in water. This lignin is making in situ bond with cellulose and this is our main theme of the board. Then this pulp produces wet sheet of a board. This wet sheet contains nearly 90% free water. First this water is removed by pressing the boards in hydraulic press. The removal of water from the pressing is nearly 30%-35%. Effective and step by step pressing gives density, strength and maximum bonding properties to the board. The remaining water 50%-55% is removed in the heating process. In the heating process, when we remove water, the expanded individual fibers contract and cohesion increases with each other with highest strength. This gives stability and permanent hardness to the board. The resins added in the pulp or laminated externally lend the property of water repellency to the board. Then the board is passed through the two heavy opposite moving rolls known as calendaring which gives smoothness and glaze to the board. For this process specially prepared wire mesh moulds are used which has male and female set. This is pressed into mould bearing a specific shape. Then from both the sides it is pressed to remove 30% water and the remaining water is removed by higher pressure. Then this mould is given hot plate press treatment to melt the resin and bonding the cellulose fiber internally and externally. This molded product is also tested in the lab and both stand to the standard value required for this product. Methodology of molded products is a new innovative research in this field which is not reported in prior art. The materials produced by HTPP process have been termed as HTPP material. This material has high malleability, durability, strength, density, puncture resistance, rigidity, elasticity, plasticity, mobility, high water repellency and capacity to bear weight.

No. of Pages : 4 No. of Claims : 0

(12) PATENT APPLICATION PUBLICATION

(21) Application No.821/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : AIR FRESHENER DISPENSING DEVICE FOR USE IN CARS OR OTHER VEHICLES

(51) International classification

:B60H
3/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: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)GODREJ CONSUMER PRODUCTS LIMITED

Address of Applicant :PIROJSHANAGAR, EASTERN
EXPRESS HIGHWAY, VIKHROLI, MUMBAI-400 079
Maharashtra India

(72)Name of Inventor :

1)BIBALS REENA

2)NAIR NITIN SHIVANKUTTY

3)GANDHI DARSHAN HARDIK

4)GANDHI HARDIK HARESH

5)MATLAPUDI SRINIVAS

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1013/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/03/2013

(43) Publication Date : 29/03/2013

(54) Title of the invention : AN ADAPTABLE DYNAMIC FLUID CONTROLLING SYSTEM AND METHOD UTILIZING A DUAL FLOAT MECHANISM

(51) International classification	:G01F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PATURI NAGARJUN RAO
(32) Priority Date	:NA	Address of Applicant :S/o P PURNA CHANDRA RAO, 1-72,
(33) Name of priority country	:NA	TEMPLE STREET, RATNAGIRI NAGAR, PEDA
(86) International Application No	:NA	PALAKALURU ROAD, PATTABHI PURAM POST, GUNTUR
Filing Date	:NA	â€“ 522 006, ANDHRA PRADESH, INDIA Andhra Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PATURI NAGARJUN RAO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An adaptable dynamic fluid controller system and method for remote monitoring of fluid level in a fluid storage container and a sump tank by utilizing a dual float mechanism are disclosed. The system includes an external unit enclosed in a polyvinyl chloride outer envelope with a plurality of apertures positioned in the fluid storage container and the sump tank includes a controlling assembly for performing at least one operation, a detecting assembly for detecting a plurality of fluid levels, a switch case assembly including a plurality of switches extended with levers for enabling the dynamic fluid control, a transmitting assembly for transmitting a plurality of indicative signals and a remotely positioned internal unit includes a receiving assembly for receiving the plurality of indicative signals, an indicating assembly for indicating the plurality of fluid levels and an alarming assembly for alerting a user monitoring the internal unit thereby enabling a manual operation.

No. of Pages : 3 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1073/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHODS FOR PROCESSING AND FOR END USER MANAGEMENT OF INTERACTIVE CONTENT AND DEVICES THEREOF

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :DODDAKANNELLI, SARJAPUR
(33) Name of priority country	:NA	ROAD, BANGALORE 560 035 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)FRANCIS ANTONY
(87) International Publication No	: NA	2)PRASANTH PADMALAYAM THANKAPPAN
(61) Patent of Addition to Application Number	:NA	3)PRASANNA PRABHU PADMANABHA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method, non-transitory computer readable medium and device that manage interactive content include initiating at least one widget application. A list of available interactive content previously received and stored from a broadcast stream is received based on the initiated widget application. An item of interactive content is selected from the received list of available interactive content. The selected item of interactive content is received and provided. Another method, non-transitory computer readable medium and device that processes interactive content includes obtaining interactive content from one or more content providers. One of one or more content types for the obtained interactive content is identified and metadata associated with the identified content type is identified. The obtained interactive content is transformed into a standard format based on the identified content type and the metadata associated with the obtained interactive content. The transformed interactive content is transmitted with a broadcast stream. FIG.1

No. of Pages : 43 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1765/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : MURALIDHARAN CYCLE (THREE STROKE RECIPROCATING CYCLE FOR I.C. ENGINE

(51) International classification	:F02B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BALAKRISHNAN MURALIPHARAN
(32) Priority Date	:NA	Address of Applicant :6/106, KAMBAR STREET,
(33) Name of priority country	:NA	VRIDDHACHALAM, CUDDALORE DISTRICT, TAMIL
(86) International Application No	:NA	NADU, PIN - 606 001 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BALAKRISHNAN MURALIPHARAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The main application of internal combustion engine is to generate the power from various fuels like Liquid fuels Petrol, Diesel, Kerosene, Gasoline, Hydrogen Gaseous fuels Liquid Petroleum Gas (LPG), Liquefied Natural Gas (LNG), Vaporized Petroleum Gas (VPG) Other fuels Biodiesel, Peanut oil, Ethanol, Methanol (Methyl or Wood Alcohol), Paraffin The Generated Mechanical Power May Used For Following Applications. Passenger Buses, Lorries, Goods Carrier, Tractors, Mini buses, Earth Moving Equipment, Cranes, Road Rollers, Railway Engine, Ship engines Etc... Existing Internal combustion engine has the operating cycle"s of 1) four stroke 2) two stroke etc.. This application submitted for patent requirement of Muralidharan cycle (Three stroke reciprocating cycle) for internal combustion engine This cycle has three strokes and compression stroke is avoided and required air for fuel firing supplied through air supplying system i.e external compression, due to avoiding the compression stroke power consumption for compression is saved and more fuel economy derived The required firing temperature of fuel derived by closed system energy conservation i.e when the air travels through the closed loop system and hit the abstraction, energy from the air molecules absorbed by the surface (abstraction) due to this the surface got heated, when air passes through the surface temperature of the air is increased Declaration by the inventor I the above named inventor is the true & first inventor for this invention and declare that the applicant herein is my assignee

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1015/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013

(43) Publication Date : 29/03/2013

(54) Title of the invention : SEMI-AUTOMATED AIR FILTER CLEANING DEVICE

(51) International classification	:b08b	(71)Name of Applicant :
(31) Priority Document No	:NA	1)P. KARTHIKEYAN
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF MECHANICAL
(33) Name of priority country	:NA	ENGINEERING KALASALINGAM UNIVERSITY, ANAND
(86) International Application No	:NA	NAGAR, KRISHNANKOIL SRIVILLIPUTHUR - 626 190 Tamil
Filing Date	:NA	Nadu India
(87) International Publication No	: NA	2)R. MANIKANDAN
(61) Patent of Addition to Application Number	:NA	3)S.MANOJ PRABHAKAR
Filing Date	:NA	4)M. SIVASUBRAMANIAN
(62) Divisional to Application Number	:NA	5)S. RAJAKARUNAKARAN
Filing Date	:NA	6)S. JEYAKUMAR
		(72)Name of Inventor :
		1)P. KARTHIKEYAN
		2)R. MANIKANDAN
		3)S. MANOJ PRABHAKAR
		4)M. SIVASUBRAMANIAN
		5)S. RAJAKARUNAKARAN
		6)S. JEYAKUMAR

(57) Abstract :

Air filter is an element used for cleaning the air, consumed from atmosphere for diesel engine combustion. Air filter must be cleaned for better engine performance. In present days such air filters are cleaned manually by an operator. Such cleaning leads to improper cleaning and damages to the filter media and also to engine moving parts such as liners, cylinder walls and piston rings. This Air filter cleaning device is semi automated to clean the air filter by rotating it, at the same instant air is supplied continuously linear to the filter direction. The filter rotation is carried out by gear mechanism driven by a DC Motor. Air is supplied continuously , with constant pressure to the filter media and the nozzles slides based on screw mechanism. The nozzle sliding movement can be alternated by the polarity change of motor. Our present innovation is to perform the proper cleaning, to reduce the damages.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1117/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 29/03/2013

(54) Title of the invention : IDENTIFICATON OF THERMOTOLERANT TRICHODERMA FOR USE AS BIOCONTROL AGENT UNDER HEAT STRESS CONDITIONS

(51) International classification

:C12N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH-
DIRECTORATE OF OILSEEDS RESEARCH**

Address of Applicant :RAJENDRANAGAR, HYDERABAD -
500 030 Andhra Pradesh India

(72)Name of Inventor :

1)DR. RAVULAPALLI DURGA PRASAD

2)DR. V. DINESH KUMAR

(57) Abstract :

A biologically pure thermotolerant culture production process for inducing suppression and/or killing plant fungal pathogens is disclosed. The method comprises of growing Trichoderma asperellwn Tv7316 culture on potato dextrose broth for a week, scraping and exposing a predefined amount of conidia to high temperatures for a predetermined time interval in water bath and noticing the germination of conidia after a specific time period. The above disclosed Trichoderma asperellum TV7316 survived the highest temperature for maximum duration of exposure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1118/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 29/03/2013

(54) Title of the invention : APROCESS FOR PREPARING STORABLE INSECTICIDIDAL FORMULATION USING A COMBINATION OF MICROBIALS

(51) International classification

:A01N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH-
DIRECTORATE OF OILSEEDS RESEARCH**

Address of Applicant :RAJENDRANAGAR, HYDERABAD -
500 030 Andhra Pradesh India

(72)Name of Inventor :

1)DR. P.S. VIMALA DEVI

(57) Abstract :

A process for preparing an insecticidal microbial formulation for killing and/or controlling insect pests is disclosed. The process is carried by amalgamating Bacillus thuringiensis powder in the range of about 25 to about 34 percent by weight with conidia of Beauveria bassiana in the range of about 2 to about 4 percent by weight, adding at least one adjuvant in the range of about 7.5 percent to the amalgam of the Bacillus thuringiensis and Beauveria bassiana and mixing them vigorously, vortexing atleast one surfactant in the range of about 7.5 percent with at least one carrier in the range of about 47 percent at high speed to form an admixture. The amalgam, adjuvant and the admixture are mixed vigorously to form a uniform paste and the uniform paste is then coalesced in a blender at high speed to return a uniform suspension of the combinational insecticidal microbial formulation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.554/CHE/2013 A

(43) Publication Date : 29/03/2013

(54) Title of the invention : DATES JAM

(51) International classification

:A23L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)PONNUDURAI PALANIYANDI

Address of Applicant :LION DATES IMPEX (P) LTD., NO:
27/3, CAUVERY ROAD, TRICHY - 620 002 Tamil Nadu India

(72)Name of Inventor :

1)PONNUDURAI PALANIYANDI

(57) Abstract :

DATES JAM is obtained by initially washing & sorting out good dates. Later the selected dates are crushed and de-stoned to remove the kernels. The dates slurry is filtered to extract the date pulp. Date Pulp is mixed in a kettle alongwith sugar syrup in the ratio 65:45 by weighment (sugar syrup is prepared separately in a vacuumized tank by mixing sugar & water in the ratio 2:1) and heated to 65-70 degrees Brix. Subsequently, Pectin and sugar are added in the ratio of 1:5 and once heated to 67 degrees Brix, 100g Sodium Benzoate is diluted with water & added and then 0.043% by weighment of Citric acid is diluted with water & added and stirred. The ingredients are further mixed well and heated up to 68 degrees Brix. Vacuum is released. Finally the steam is cut and dates jam is transferred to filling station at 69-70 degrees Brix.

No. of Pages : 9 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1072/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SHARING EVENT INFORMATION IN A DIGITAL TELEVISION SYSTEM

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :DODDAKANNELLI, SARJAPUR
(33) Name of priority country	:NA	ROAD, BANGALORE 560 035 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DHANYA UNNIKRISHNAN
(87) International Publication No	: NA	2)MOHAMMED JUNAID KOTTIKULAM
(61) Patent of Addition to Application Number	:NA	3)SAIRA THAMPI
Filing Date	:NA	4)AISHWARYA VALSALAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Broadcast receivers, computer implemented methods and non-transitory computer-readable storage medium are disclosed for sharing event information. Sharing event information involves, at a sender end, collecting event information for a broadcast after receiving a command from the sender and creating a message that includes the event information. The sender may then select one or more contacts with whom to share the event information. Thereafter, the message and information on the contact is transmitted to a mobile device of the sender over a short range communication link. The message may then be automatically forwarded from the mobile device to the selected recipients. At the recipient end, the message is received from the mobile device of the recipient over a short range communication link and processed to determine if the message is a recommendation message. If so, the contents of the message are extracted and displayed on a television display of the recipient. FIG. 1

No. of Pages : 35 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5441/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :25/12/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF TRANS (1R,2R)-CYCLO HEXANE 1,2- α -DICARBOXYLIC ACID

(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)LEE PHARMA LIMITED

Address of Applicant :Sy. No. 257 & 258/1, Door No. 11-6-56, C Block, Opp. IDPL Factory, Moosapet (Village), Balanagar (Post), Hyderabad Andhra Pradesh India

(72)Name of Inventor :

1)ALLA VENKAT REDDY

2)ALLA RAGHU MITRA

3)AJAY KUMAR DUBEY

4)P. RAMAKRISHNA REDDY

(57) Abstract :

A commercially viable process for industrial preparation of trans-(1R,2R)-cyclohexane 1,2- α -dicarboxylic acid represented by compound of Formula-I, wherein the compound has more than 99% HPLC purity. The compound of Formula-I is a key intermediate in preparation of Lurasidone hydrochloride which is a well known antipsychotic agent used for treatment of schizophrenia.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.552/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : ENERGY EFFICIENT STOVES, HEATING APPLICATIONS

(51) International classification	:F24C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SASIDHARAN. K
(32) Priority Date	:NA	Address of Applicant :KUTTADAMPADATH HOUSE,
(33) Name of priority country	:NA	VADANAM KURUSSY, SHORNUR (VIA), PALAKKAD
(86) International Application No	:NA	DIST, PIN - 679 121 Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SASIDHARAN. K
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A novel stove with provisions for effectively utilizing the flue heat generated by the heating of the container containing the edible item is disclosed. The efficient flue heat re-utilization by the flow of liquid medium through the heating apparatus comprises an inner side hollow and thermally insulated bottom panel wherein said bottom panel further comprises a hollow combustion chamber cell positioned centrally in the said bottom panel wherein the item to be heated is placed, a means in the front surface of the said bottom panel for providing the fuel to the said heating apparatus in such a way that the generated heat is touching the said hollow combustion chamber cell, a controlled outlet vent in the side front of the said bottom panel for collecting the hot liquid medium and a sealed cleaning plug arranged on the side wall of the said bottom panel for removing the waste liquid medium upon cleaning the said apparatus. The said efficient flue heat re-utilization by the flow of liquid medium through the heating apparatus further comprises an inner side hollow and thermally insulated top panel connected at the bottom edge to the said bottom panel in such a way that the flow of liquid medium is executed through the inside of the said top and bottom panels wherein said top panel further comprises a controlled inlet in the top surface of the said top panel for the entry of the cold liquid medium to be flown inside the said apparatus, a level indicator attached to the said controlled inlet for indicating the level of the liquid medium inside the said apparatus and a means at the bottom plate of the said top panel for providing the flow of liquid medium to the said bottom panel. Fig.1

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : IMPROVISED PROCESS OF REFINING EDIBLE OIL

(51) International classification	:C11B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUBHAN KHAN
(32) Priority Date	:NA	Address of Applicant :C/O. M.K. AGROTECH (P) LTD., NO:
(33) Name of priority country	:NA	389, CAUVERY LAYOUT, SRIRANGAPATNA Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUBHAN KHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Oil is heated to 75-80 Centigrade using steam with a Plate Heat Exchanger for de-gumming and mixed with hot water at 90 -95 Centigrade, heating using steam @ 2% of the flow of oil, to precipitate the phospholipids, separated from the oil using a centrifugal separator. Oil is further heated to 85-90 Centigrade using steam to add citric acid @ 0.2% of oil flow to remove the phospholipids. Oil and citric acid mixture is again heated to 90-95 Centigrade. 5% of water as a measure of rate of flow of oil is mixed in the oil and citric acid mixture after which the gums are separated. Moisture is reduced to 0.1%, heated to 110-120 Centigrade and is mixed with 0.1% activated carbon and 1.5-2% bleaching clay in agitated vessels and filtered. Oil is then cooled to 16 Centigrade and filtered to remove the waxes and heated to 240-250 Centigrade and then deodorized at a vacuum of 2-3 torr and passed through a polishing filter.

No. of Pages : 10 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4246/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :11/10/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : HIGH RATE METHANOGENIC REACTOR

(51) International classification	:C02F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RUBBER RESEARCH INSTITUTE OF INDIA
(32) Priority Date	:NA	Address of Applicant :RUBBER BOARD P.O., KOTTAYAM
(33) Name of priority country	:NA	- 686 009 Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JACOB MATHEW
(87) 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 novel an aerobic apparatus for treating waste water especially for treating the effluent generated during the processing of natural rubber (NR) latex to Ribbed Smoked Sheet (RSS) has designed and developed. The apparatus named as High Rate Methanogenic Reactor (HRMR), is a hybrid anaerobic digester, which utilizes advantages of both immobilized microbial growth digestion and suspended agglomerated granular bacterial digestion as in up flow anaerobic sludge blanket (UASB) reactors.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.647/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : PLUNGER TYPE SIDE INLET VALVE FOR CISTERNS

(51) International classification	:E03D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUPERFLO PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 22/A-2, PHASE-IV, IDA,
(33) Name of priority country	:NA	JEEDIMETLA, HYDERABAD - 500 055 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GAUTHAM VIR
(87) 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 plunger type inlet valve for cisterns. The invention further relates to an offset adjustable float stem and a locking means provided on the said adjustable float stem for setting the desired water level.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.922/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEM FOR ENABLING CREATION OF VIDEOS

(51) International classification	:G06F, G06Q	(71) Name of Applicant : 1)PICOVICO Inc Address of Applicant :340 S LEMON AVE #1945,WALNUT, CA 91789, Unites States of America U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:PCT//	1)MODI Manish
Filing Date	:01/01/1900	2)SAPKOTA Suraj
(87) 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 for enabling creation of videos comprises a memory unit and a processor. The memory unit is configured to store one or more base template. The processor is configured to receive input corresponding to a base template stored in the memory unit; create a video template using the base template and the input received corresponding to the base template; allow selection of the video template for creating a final video; receive input corresponding to the video template; and create the final video using the video template and the input received corresponding to the video template. Reference figure: FIG. 5

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.977/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : TARGET SCORING SYSTEM AND METHOD

(51) International classification	:A63F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MANPAT Rajesh
(32) Priority Date	:NA	Address of Applicant :97, 1st Block, 2nd Main,
(33) Name of priority country	:NA	Thyagaraj Nagar, Bangalore -560028 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MANPAT Rajesh
(87) 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 target scoring system (300) includes a recording medium (200) configured to receive a passing projectile. The system (300) further includes an indexer (306) configured to index the recording medium (200) by a desired distance. Additionally, the system (300) includes at least one data capturing device (302, 304) configured to at least capture image of a portion of interest in the recording medium (200) after a projectile is fired. Furthermore, the system (300) includes a data processing system configured to determine a distance between, a virtual centre in the portion of interest corresponding to a centre of target, and point of impact of the projectile on the recording medium (200). Reference figure: FIG. 3

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.981/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : THE INVENTIVELY MODIFIED ECO-FRIENDLY TOOTHBRUSH

(51) International classification	:A46B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)G. PUNNIYAMOORTHY
(32) Priority Date	:NA	Address of Applicant :ROOM NO.44, III FLOOR, SRI
(33) Name of priority country	:NA	VENKATESWARA MANSION, NO.5, IRUSAPPA STREET,
(86) International Application No	:NA	ICE HOUSE, TRIPPLICANE, CHENNAI - 600 005 Tamil Nadu
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)G. PUNNIYAMOORTHY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An eco-friendly toothbrush has been inventively modified with an orientation on improving pollution free global environment and in order to decrease the quantity of plastics put to use every day, in the first instance. Let us assume that each individual uses 6 plastic toothbrushes per annum. The average weight of these products with their envelopes would be approximately 150gms. If we calculate how much plastic waste 120 crores of Indians would throw out in the environment in the form of plastic toothbrushes and their envelopes, we arrive at a waste plastic product weighing (approximately) 1.8 lakhs of tones(This is 16% Worldwide Usage of Plastic for making of Toothbrush^). If we make similar projection covering the global population of 700 crores of people, the global plastic waste under the head would be more than 10.5 Lakhs of tones (approximately). If this much of waste is thrown into environment every year, what would be the possible quantity and weight of plastic waste for 100 or 200 years?. We should take safeguards to avoid a threatening possibility of attack of virulent diseases including cancer. Hence, let us divide the conventional toothbrush into two separate components. One is the head portion (disposable component) which is small could continue to be a plastic component carrying plastic fibres fixed to the plastic stem (See figure. 1). The other portion is the handle portion (Permanent Component) (See figure.2). Both these components could be joined by a screw nail fixed at the end part of the head portion (See figure.3). The nail screw enters into the handle portion. The lower portion of the toothbrush should be in stainless steel metal. In similar manner, the form of the "eco-friendly toothbrush" can also be modified as shown in the Figure.4 (Model). The head portion of the toothbrush can be changed from time to time. A fresh head portion in plastic can be attached anew. If we adopt this method, we can reduce the use of plastic products used in toothbrushes to an extent of 95%. Secondly, it also decreases the cost of the products used and makes a significant saving to the consumer. The merit of the invention exactly consists in its ability to improve the pollution free global environment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5464/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : PROCESS FOR PREPARING CABAZITAXEL AND ITS SOLVATE

(51) International classification	:A61K31/00	(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)SRIRAM, RAMPALLI
(87) International Publication No	: NA	2)PRADEEP, POTHANA
(61) Patent of Addition to Application Number	:NA	3)VIJAYA MURALI MOHANRAO, SESHAGIRI
Filing Date	:NA	4)CHATURVEDI, AKSHAY KANT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides (2 α ,5 β ,7 β ,10 β ,13 α)-4-acetoxy-13-((2R,3S)-3[(tert-butoxy carbonyl) amino] -2-hydroxy-3 - phenylpropanoyl} oxy)-1 -hydroxy-7,10-dimethoxy-9-oxo-5,20-epoxytax-1 l-en-2-yl benzoate or Cabazitaxel (I) stable crystalline Form-SC and process for its preparation. The present application also provides Cabazitaxel (I) crystalline Form-SC useful as an active pharmaceutical ingredient in pharmaceutical composition comprising thereof and having anti-cancer activity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.891/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : ENABLING SEARCH IN A TOUCHSCREEN DEVICE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :HCL Technologies Ltd, 50-53 Greams
(33) Name of priority country	:NA	Road, Chennai, Tamil Nadu Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Akhilesh Chandra Singh
(87) International Publication No	: NA	2)Arindam Datta
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Enabling search in a touchscreen device. This invention relates to electronic devices, and more particularly to electronic devices with a touchscreen. The principal object of this invention is to enable a user to perform a search in a text based data in a single step on a touch screen based device. FIG. 1

No. of Pages : 25 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.669/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/02/2013

(43) Publication Date : 29/03/2013

(54) Title of the invention : UNIVERSAL MULTIBAND ACTIVE RF SYSTEM FOR CELLULAR AND HIGH SPEED SECURED WIFI ACCESS FOR TUNNELS

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUNDARAM, S. KALYANA
(32) Priority Date	:NA	Address of Applicant :#9C, NAVNITH BLOCK, 7 MCHS
(33) Name of priority country	:NA	COLONY, 1C MAIN 14C CROSS, SECTOR 6 HSR LAYOUT,
(86) International Application No	:NA	BANGALORE - 560 102 Karnataka India
Filing Date	:NA	2)CYLESH, G.S.
(87) International Publication No	: NA	3)AHMED, SYED SAABIR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUNDARAM, S. KALYANA
(62) Divisional to Application Number	:NA	2)CYLESH, G.S.
Filing Date	:NA	3)AHMED, SYED SAABIR

(57) Abstract :

The system comprises two levels of authentication deploying end-to end modified SSL protocol encryption and captive portal. A .252 subnet is provided for each user. Each .252 subnet has only two IP addresses and each user is placed in a separate .252 subnet to prevent users from being in the same collision domain. The two essential levels of authentication are from two different sources. One is a password or smart card/scratch card number, the other being an OTP with short validity generated either by a security server integrated with SMS server that sends OTP to user"s mobile phone, or by user"s smart card. The captive portal is hosted in a secure environment to protect the portal against SQL injection attacks. Every user is provided an independent frequency. The system is modular, suitable for GSM, UMTS, CDMA, WCDMA, WIFI, WIMAX bands and needs only a specific add-on module for each additional band. Fig. 1

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.877/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHODS FOR ANALYZING NETWORK TRAFFIC AND DEVICES THEREOF

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)WIPRO LIMITED

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

(72)Name of Inventor :

1)SUMAN MANUEL

(57) Abstract :

METHODS FOR ANALYZING NETWORK TRAFFIC AND DEVICES THEREOF A method, non-transitory computer readable medium and traffic analysis computing device for analyzing network traffic comprising sending to one or more network devices a request to capture one or more network information upon identifying a fault within a network. Next, one or more network reporting files comprising the captured one or more network information is received from each of the one or more network devices. Upon receiving the network reporting files, a location at which the identified fault occurred within the network is determined. Based on the determination, one or more corrective actions is performed at the location of the identified fault within the network.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.253/KOL/2013 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : "VERTICAL SINGLE SEPTIC TANK"

(51) International classification	:F24F7/00
(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)ASHISH KUMAR
Address of Applicant :S/O - SACHCHITANAND VERMA
HOUSE NO.-4, ANAND BHAWAN, JAGANNATHPURI,
AHIRPURWA, ARA DIST.-BHOJPUR, PIN CODE - 802301
STATE-BIHAR, INDIA

(72)**Name of Inventor :**
1)ASHISH KUMAR

(57) Abstract :

The present invention relates to a septic tank. In particular, the present invention relates to a septic tank for treating household waste water including human faeces in daily life. Furthermore, this invention also relates to septic tank with a single stand septic latrine tank made with RCC which can be constructed in an area of 3/3 square fit with the latrine room above it.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.246/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 29/03/2013

(54) Title of the invention : MULTIPURPOSE PORTABLE & MODULAR LIGHTING SYSTEM

(51) International classification	:F21L14/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DESIGNLIPI PROJECTS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :67, ELLIOT ROAD, GROUND
(33) Name of priority country	:NA	FLOOR, KOLKATA - 700 016, WEST BENGAL, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. SANBID GOLUI
(87) International Publication No	: NA	2)MS. RAJASREE GOLUI
(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 multipurpose portable and modular lighting system. Particularly, this invention relates to a modular lighting system which will serve different need and can be used every day in different mode - normal & emergency use. More particularly, this present invention relates to a modular lighting system which can become a important product for our everyday life as well as emergency use. Furthermore, this invention also relates to a lighting system may be extremely easy to install when compared with other similar products.

No. of Pages : 28 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.57/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : "AN IMPROVED SYSTEM FOR WOOD-VENEER DRYING."

(51) International classification	:F26B 13/10	(71)Name of Applicant : 1)SUJIT SAHA
(31) Priority Document No	:NA	Address of Applicant :1/1, SISIR BAGAN ROAD,
(32) Priority Date	:NA	KOLKATA-700034, WEST BENGAL, INDIA.
(33) Name of priority country	:NA	2)JOY MUKHERJEE
(86) International Application No	:NA	3)PRASHANTA KUMAR MEHTA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUJIT SAHA
(61) Patent of Addition to Application Number	:NA	2)JOY MUKHERJEE
Filing Date	:NA	3)PRASHANTA KUMAR MEHTA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Drying of wood - veneer has always posed a challenge to the makers of this important object used widely in the plywood industry. Insufficient drying posed a problem, so was non-uniform heating of the wood-veneer.

The present invention aims at providing a novel system to circumvent the disadvantages associated with the prior art which is characterized in that the said system comprises a hot air entry path (1), suction duct for air at ambient temperature (2), multi-louver damper (3), insulated hot air centrifugal fan (4), insulated radiator with finned tube (5), insulated hot air duct (6), insulated hot air return duct (7), hot air return path (8), moisture drive out path (9), insulated top cover for heating zone (10), cold (ambient) air entry path (11) and hot air exit path (12), wherein the entire areas of heating and cooling zones are provided with insulated top covers to prevent dissipation of heat and to utilize heat energy to the maximum extent and plurality of transmission rollers supported on casting pieces fitted on roller stands through which the veneer moves from one end to the other end of the said dryer.

No. of Pages : 23 No. of Claims : 5

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.1820/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : A NOVEL LED BASED HYBRID SOLAR HOME SYSTEM AND METHOD OF WORKING FOR SAME

(51) International classification	:H02J	(71) Name of Applicant :
(31) Priority Document No	:NA	1)THE ENERGY AND RESOURCES INSTITUTE (TERI)
(32) Priority Date	:NA	Address of Applicant :DARBARI SETH BLOCK, IHC
(33) Name of priority country	:NA	COMPLEX LODHI ROAD, NEW - 110003 Delhi India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR. JITENDRA TIWARI
(87) International Publication No	:NA	2)MR.R C PAL
(61) Patent of Addition to Application Number	:NA	3)MR. I H REHMAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is related to the field of tapping and harnessing successfully the solar energy, storing it and then making it available for providing power source for the running and operation of numerous energy based appliances in different sectors. In particular, the invention is directed towards a novel LED based hybrid solar home system which is equipped with battery recharge mechanism from both solar and electricity sources. The hybrid solar home system of the present invention is further characterized to provide dual output as well.

No. of Pages : 15 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2795/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : "AN IMPROVED PROCESS FOR THE PREPARATION OF BENDAMUSTINE HYDROCHLORIDE"

(51) International classification

:H02J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)FRESENIUS KABI ONCOLOGY LTD.

Address of Applicant :B - 310, SOM DATT CHAMBERS - I,
BHIKAJI CAMA PLACE, NEW DELHI - 110 066, INDIA Delhi
India

(72)Name of Inventor :

1)MISHRA, BHUWAN, BHASKAR

2)KACHHADIA, NIKUNJ SHAMBHUBHAI

3)TOMAR, VINOD SINGH

4)LAHIRI, SASWATA

(57) Abstract :

The present invention relates to an improved process for the synthesis of bendamustine, in particular , bendamustine hydrochloride of the formula (VI) and its intermediate l-Methyl-5-[bis(2-chloroethyl)amino]-1H-benzimidazol-2-yl]lithium butanoate of formula(V), both having a purity of >99%, which is simple, convenient, economical, does not use hazardous chemicals and industrially viable.

No. of Pages : 36 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2796/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD OF PREDICTING MATURITY STAGE AND EATING QUALITY OF INDIAN MANGOES USING NEAR INFRARED SPECTROSCOPY

(51) International classification	:H02J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	(ICAR)
(33) Name of priority country	:NA	Address of Applicant :KRISHI BHAWAN, DR. RAJENDRA
(86) International Application No	:NA	PRASAD ROAD, NEW DELHI - 110001 Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)JHA SHYAM NARAYAN
(61) Patent of Addition to Application Number	:NA	2)KAIRAM NARSAIAH
Filing Date	:NA	3)JAISWAL PRANITA
(62) Divisional to Application Number	:NA	4)KUMAR RAMESH
Filing Date	:NA	

(57) Abstract :

The prior art of estimating the maturity and eating quality of mango based on the experience and judgment of mango growers or using colour correlation with physicochemical properties such as shoulder width, total soluble solids, specific gravity etc are not accurate and cannot produce uniform estimation. Most of these are based on single parameter and that too for one cultivar only. The present invention relates to estimation of the maturity index as a combination of physico chemical properties comprising of total soluble solids, dry matter, and titrable acidity and a constant factor for chosen mango cultivars and also a method of NIR spectrum analysis for predicting maturity status and eating quality non-destructively. The present invention is valid for major mango cultivars that are commercially important as well as it take into account the geographical variations of same cultivar also.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2798/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : "A NOVEL BIO-ORIGIN BASED NANOCOMPOSITE MATERIAL FOR MULTIPLE APPLICATIONS AND METHOD OF PREPARATION FOR SAME"

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE ENERGY AND RESOURCES INSTITUTE (TERI)
(32) Priority Date	:NA	WITH CENTERS AND OFFICES LOCATED AT GOA,
(33) Name of priority country	:NA	MUMBAI, GAUWAHATI, AND BANGALORE
(86) International Application No	:NA	Address of Applicant :DARBARI SETH BLOCK, IHC
Filing Date	:NA	COMPLEX, LODI ROAD, NEW DELHI 110003 Delhi India
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR.R R J SAILAJA OF TERI BANGALORE
Filing Date	:NA	2)MS.M V DEEPTHI OF TERI BANGALORE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates generally to the field of nanocomposite materials and is in particular directed towards a biobased nanoconnposite material for use in multiple applications and method of preparation for same. The invention more particularly describes the biobased nanocomposite material, synthesis of the biobased nanocomposite material, its multiple applications in not only the product based materials but also in utility areas such as packaging industry and designing of vehicle interiors as well.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2799/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : "A BIO-DERIVED BIODEGRADABLE ESTER PRODUCT AND METHOD FOR PREPARATION OF SAME"

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE ENERGY AND RESOURCES INSTITUTE (TERI)
(32) Priority Date	:NA	WITH CENTERS AND OFFICES LOCATED AT GOA,
(33) Name of priority country	:NA	MUMBAI, GAUWAHATI, AND BANGALORE
(86) International Application No	:NA	Address of Applicant :DARBARI SETH BLOCK, IHC
Filing Date	:NA	COMPLEX, LODI ROAD, NEW DELHI 110003 Delhi India
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR.R R J SAILAJA OF TERI BANGALORE
Filing Date	:NA	2)MS. M V DEEPTHI OF TERI BANGALORE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The instant invention provides a new and novel biobased biodegradable ester product for use in multiple applications in diverse spectrum of industrial activities on account of its strength attributes, water absorption/retention capability and also being biodegradable the same is as such also environment friendly. The invention in this patent also describes the synthesis of a biobased biodegradable ester product by utilizing biological originated substrates and merging them at a molecular level with inorganic substances such as Na- based hydroxy compounds. The invention further details the methodology for preparation of the said biobased biodegradable ester product, which is then suitably used in diverse industrial segments.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2791/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : "A NOVEL DISPOSABLE PLASTIC BOTTLE"

(51) International classification	:H04B 7/185	(71) Name of Applicant : 1)JHAKARWAR PRASHANT
(31) Priority Document No	:NA	Address of Applicant :AADARSH NAGAR, STREET NO.
(32) Priority Date	:NA	10, FIROZABAD-28 32 03, UP, INDIA. Uttar Pradesh India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)JHAKARWAR PRASHANT
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel disposable plastic bottle. In particular the present invention relates to a novel bottle which can be easily destroyed by breaking the bottom.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2792/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : NON ANTIBIOTIC&NBSP; NON PEPTIDE COMPOUNDS FOR ANTIBIOTICEFFICACY & SAFETY ENHANCMENT

(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)Manu Chaudhary

Address of Applicant :51-52Â Industrial AreaÂ Phase-1Â
Panchkula Delhi India

2)Manu Chaudhary

3)Manu Chaudhary

4)Manu Chaudhary

5)Manu Chaudhary

(72)Name of Inventor :

1)Manu Chaudhary

2)Manu Chaudhary

3)Manu Chaudhary

4)Manu Chaudhary

5)Manu Chaudhary

(57) Abstract :

The present invention provides non antibiotic non-peptide compounds. The non antibiotic non-peptide compounds are found to provide an enhancement or potentiation of antibiotic activity when used together with antibiotic compounds. The non antibiotic compounds enhances the effectiveness of an accompanying antibiotic by broadening its spectrum and reducing multi bacterial resistance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2794/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011

(43) Publication Date : 29/03/2013

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

(51) International classification

:H02J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)LAHIRI, SASWATA

2)GUPTA, NITIN

3)AZIM, ABUL

4)PANDA, NILENDU

5)MISHRA, BHUWAN BHASKAR

6)SANGHANI, SUNIL

(57) Abstract :

The present invention relates to an improved process for the preparation of Cabazitaxel and its Intermediates, which avoids the use of hazardous reagents, like Pyridine for silylation and 3HF.Et3N for deprotection of silyl group.

No. of Pages : 44 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2803/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : "A CLUTCH PEDAL TRAVEL CONTROL DEVICE FOR OPERATING TRACTOR IN SINGLE CLUTCH CONDITION"

(51) International classification

:B23B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ESCORTS LIMITED

Address of Applicant :AGRI MACHINERY GROUP, 18/4,
MATHURA ROAD, FARIDABAD - 121 007 (INDIA) Haryana
India

(72)Name of Inventor :

1)S.K. GARG

2)R.K. SINGHAL

3)SHARAD KAPUR

(57) Abstract :

This invention relates to a clutch pedal travel control device for operating tractor in single clutch condition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2805/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : MICROWAVE MEDIATED IMPREGNATION OF SILVER NANOPARTICLES ON FABRICS FOR HYGIENIC CLOTHING

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR 125, NOIDA - 201303, UP, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAJNI SINGH
(87) International Publication No	:NA	2)SONALI GUPTA
(61) Patent of Addition to Application Number	:NA	3)ARTI GOEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to fabric impregnated with biologically synthesized silver nanoparticles for imparting antimicrobial properties to the fabric. The fabrics are impregnated with synthesized silver nanoparticles using microwave irradiation method and show antibacterial activity against a wide spectrum of gram positive and gram negative bacterial species. The impregnated silver nanoparticles have improved retention within and on the fabric or textile.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2806/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : KIT FOR DEMONSTRATING DNA - PROTEIN INTERACTION IN PLANTS

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

(57) Abstract :

The present invention provides an improved method and a kit for demonstrating DNA-protein interaction in plants. The method involves in vivo crosslinking of a plant tissue using vacuum infiltration using a chemical crosslinker to arrest the interacting proteins with DNA. This precipitation method is useful for determining crosslinked DNA-protein formed in plant nuclei following their exposure to crosslinking agents. The method is also useful for demonstrating the involvement of DNA-binding proteins in gene expression studies in plants.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2816/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : "SYSTEM AND METHOD FOR DYNAMIC PASSWORD AUTHENTICATION"

(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)PRAVEEN GOEL

Address of Applicant :G-73 SAKET NEW DELHI-110017,
INDIA Delhi India

2)SACHIN GOEL

(72)Name of Inventor :

1)PRAVEEN GOEL

2)SACHIN GOEL

(57) Abstract :

A system and method for authenticating a user by a dynamically generated password is disclosed. The user inputs user identification (405) and a user statement (406) in the input interface (202) of a user device (102). The dynamic password is generated automatically (408) using the user statement and a set of rules defined by the user in the system. The user is authenticated (410) by comparing a user entered password (409) with the dynamically generated password. Accordingly, the system and method provides a user-controlled way for preventing the personal and asset information of an account.

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2811/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : "STEREOSELECTIVE PREPARATION OF FUNCTIONALIZED BETA BETA"-DISUBSTITUTED- AND BETA BETA" BETA""-TRISUBSTITUTED ALPHA-AMINO ACID DERIVATIVES AT LEAST WITH TWO CONTIGUOUS STEREOCENTERS"

(51) International classification	:B64D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH (IISER)
(32) Priority Date	:NA	Address of Applicant :Mohali Knowledge City Sector 81
(33) Name of priority country	:NA	SAS Nagar Mohali Manauli P.O. Punjab 140306 India India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Srinivasarao Arulananda Babu
(87) International Publication No	: NA	2)Nayyar Ahmad Aslam
(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 the Barbier-type addition of various gamma-substituted allylic halides e.g. cinnamyl-crotyl- cyclohexenyl- and geranyl halides etc with N-alkyl- N-aryl (including N-PMP) N-sulfonyl N-sulfinyl α -imino esters and α -hydrazono esters in the presence of a metal powder for the stereoselective preparation of highly functionalized unnatural α -unsaturated β -disubstituted α -amino acid derivatives of general formula (III) bearing at least two contiguous stereocenters. The compounds of general formula (III) are precursors for the preparation of α -unsaturated β -disubstituted α -amino acids of general formula (IV) their hydrogenated and hydrated version at the α -unsaturated position and α -unsaturated β -disubstituted α -amino alcohols of general formula (V) and stereoisomers of alloisoleucine derivatives β -disubstituted alanine derivatives β -disubstituted β -trisubstituted alanine derivatives and β -substituted phenylalanine derivatives and various other derivatives at least with two contiguous stereocenters.

No. of Pages : 38 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2093/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/09/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : SUSTAINABLE CHEMICAL PROCESS FOR REDUCTION OF 4-METHOXY-2-NITROANILINE TO 4-METHOXY BENZENE-1,2-DIAMINE, WITH INHERENT RECYCLE OF NEUTRAL MOTHER LIQUOR AND SOLVENT STREAMS IN REDUCTION STEP IN THE SYNTHESIS OF OMEPRAZOLE.

(51) International classification	:C07D213/68, C07D235/28, C07D401/12	(71)Name of Applicant : 1)NEWREKA GREENSYNTH TECHNOLOGIES PVT LTD Address of Applicant :RANG ASHISH,2 DREAMLAND CHS,OPP DIAMOND GARDEN,SOARES ROAD CHEMBUR,MUMBAI 400 071, MAHARASHTRA STATE,INDIA Maharashtra India
(31) Priority Document No	:NA	2)BHADRESH K PADIA
(32) Priority Date	:NA	3)NITESH H MEHTA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BHADRESH K PADIA
Filing Date	:NA	2)MR.NITESH H MEHTA
(87) International Publication No	:N/A	3)DR . KOMAL MAHESHWARI
(61) Patent of Addition to Application Number	:NA	4)MR . RAJESH MOHALKAR
Filing Date	:NA	5)MR.HEMANT BHADSAVALE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses a sustainable chemical process of reduction of 4-methoxy-2-nitroaniline to 4-methoxy benzene-1,2-diamine, wherein the said process is carried out using a neutral reaction medium and comprises inherent recycling of said neutral reaction medium in a plurality of cycles, each of said cycles has a reaction sequence and a extraction and layer separation sequence, wherein said extraction and layer separation sequence follows said green reaction sequence. This is distinct from the existing process where the reaction medium used is either acidic or alkaline but not neutral. This has massive environmental as well as cost benefits.

No. of Pages : 58 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2694/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : "AN IMPROVED BUMPER OF A VEHICLE"

(51) International classification	:B60R	(71)Name of Applicant :
(31) Priority Document No	19/18	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE,24 HOMI MODY
(33) Name of priority country	:NA	STREET,MUMBAI-400001,MAHARASHTRA,INDIA.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)ATUL RONGHE
(61) Patent of Addition to Application Number	:NA	2)PRATAP N DAPHAL
Filing Date	:NA	3)ASMITA SATHAYE
(62) Divisional to Application Number	:NA	4)NILESH DAMAKLE
Filing Date	:NA	

(57) Abstract :

The present invention relates to an energy absorbing bumper for a vehicle comprises of a fascia member in the form of an outer skin (6) provided at outermost side of the vehicle to receive impact forces, a backing member in the form of a rear skin (7) positioned rearwardly of the fascia member, the backing member having face surface and end surface, the face surface of the backing member is attached with the fascia member to form a hollow portion, the end surface of said backing member is attached to said vehicle's body by means of a fixture, atleast first impact energy absorber (9) provided on the face surface of the backing member, and atleast second impact energy absorber (8) disposed within the hollow portion. The first energy absorber (9) has higher impact resistance than the second energy absorber (8) and the second energy absorber (8) is obtained by injecting a liquid which fills up space inside the hollow portion and gets attached to the outer skin (6), rear skin (7) and the first energy absorber (9) by virtue of self adhesion during solidification from its liquid form. Figure-2

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF 7-(4-(4-(2,3-DICHLOROPHENYL)PIPERAZIN-1-YL)BUTOXY)QUINOLIN-2(1H)-ONE, AN IMPURITY OF ARIPIRAZOLE.

(51) International classification	:A61P	(71)Name of Applicant :
(31) Priority Document No	25/18	1)WOCKHARDT LIMITED
(32) Priority Date	:NA	Address of Applicant :D-4 MIDC Industrial area
(33) Name of priority country	:NA	Chikalthana Aurangabad - 431210 M.S. India India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Gaikwad Kishor Vinayak
(87) International Publication No	: NA	2)Deshmukh Rajendra Dagadu
(61) Patent of Addition to Application Number	:NA	3)Rallapalli Sivakumar
Filing Date	:NA	4)Deo Keshav
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the preparation of 7-(4-(4-(2,3-dichlorophenyl)piperazin-1-yl)butoxy)quinolin-2(1H)-one, compound of formula II or pharmaceutical acceptable salts thereof, which may present in aripiprazole as an impurity. Formula II

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : Pure S-(-)-9-fluoro-6,7-dihydro-8-(4-hydroxypiperidin-1-yl)-5-methyl-1-oxo-1H,-5H-benzo[i,j]quinolizine-2-carboxylic acid L-arginine salt tetrahydrate and a process for its preparation

(51) International classification	:A61P	(71)Name of Applicant :
(31) Priority Document No	31/04	1)WOCKHARDT LIMITED
(32) Priority Date	:NA	Address of Applicant :D-4 MIDC Industrial area
(33) Name of priority country	:NA	Chikalthana Aurangabad - 431210 M.S. India India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Gangakhedkar Kiran Kumar
(87) International Publication No	: NA	2)Varangaonkar Aniruddha
(61) Patent of Addition to Application Number	:NA	3)Diwan Furqan Mohammed
Filing Date	:NA	4)Yeole Ravindra Dattatraya
(62) Divisional to Application Number	:NA	5)Deo Keshav
Filing Date	:NA	

(57) Abstract :

Pure S-(-)-9-fluoro-6,7-dihydro-8-(4-hydroxypiperidin-1-yl)-5-methyl-1-oxo-1H,-5H-benzo[i,j]quinolizine-2-carboxylic acid L-arginine salt tetrahydrate and a process for its preparation is disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3211/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : COLD ROLLED STEEL SHEET HAVING EXCELLENT SURFACE QUALITY AFTER PRESS FORMING AND BAKE HARDENABILITY AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :C21D1/76C21D9/46
(31) Priority Document No :2011-211319
(32) Priority Date :27/09/2011
(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 :2-3-1 Uchisaiwai-cho 2-chome
Chiyoda-ku Tokyo 100-0011 Japan. Japan
(72)Name of Inventor :
1)NAGATAKI Yasunobu
2)KIMURA Hideyuki
3)TAKAHASHI Hideyuki

(57) Abstract :

A cold rolled steel sheet useful as an outer or inner plate for automobile and having an excellent surface quality after press forming and a bake hardenability is provided which has a chemical composition comprising C: 0.0005-0.0050 mass% Si: not more than 0.30 mass% Mn: not more than 1.50 mass% P: not more than 0.100 mass% S: not more than 0.020 mass% sol. Al: not more than 0.080 mass% N: not more than 0.0070 mass% and Nb: 0.003-0.100 mass% and the remainder being Fe and inevitable impurities provided that C and Nb satisfy the following relational equation: $0.50 \leq ([\%Nb]/93) / ([\%C]/12) \leq 1.50$ wherein [%M] represents a content of M element in steel (mass%).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2699/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : "CONTROLLED RELEASE FORMULATIONS OF NISOLDIPINE"

(51) International classification	:A61K 31/00	(71)Name of Applicant : 1)EMCURE PHARMACEUTICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :EMCURE HOUSE,T-
(32) Priority Date	:NA	184,M.I.D.C.,BHOSARI,PUNE-411026,INDIA. Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GURJAR MUKUND KESHAV
(87) International Publication No	:N/A	2)SALUNKHE SANDIP TANAJI
(61) Patent of Addition to Application Number	:NA	3)THOTTASSERI MANOJ KUMAR
Filing Date	:NA	4)BAWEJA JITENDRA MOHAN SINGH
(62) Divisional to Application Number	:NA	5)MEHTA SAMIT SATISH
Filing Date	:NA	

(57) Abstract :

The present invention provides a pharmaceutical composition for oral administration comprising dihydropyridine calcium channel blocker, such as nisoldipine and one or more release controlling polymer, which is selected from various hydrophilic polymers or combinations thereof. The said polymer is present at a concentration of about 1% to about 60% by weight of the tablet, preferably from about 10% to about 40% by weight of the tablet. The said formulation may also contain one or more adjuvants, which, in combination with the polymeric materials, may help to further modulate the release of nisoldipine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2717/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : VEHICLE ALLOCATION AND ROUTING

(51) International classification	:G06Q 10/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR,NARIMAN POINT,MAHARASHTRA 400021,INDIA Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SOMASUNDARAM, MURALIDHARAN
(87) International Publication No	:N/A	2)GANESAN, VISWANATH KUMAR
(61) Patent of Addition to Application Number	:NA	3)RAMASAMY, SURESH KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and computer implemented method for vehicle allocation and routing is described herein. The computer implemented method includes obtaining a transportation parameter pertaining to transportation of a resource, in response to at least one transportation request. Further, a mode of routing for transportation of the resource is selected, the mode of routing being selected from a first routing mode and a second routing mode. A plurality of potential routes is determined based on the selected mode of routing and the transportation parameter and a travel route is selected from among the plurality of potential routes based on an optimization factor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2734/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : A METHOD AND ENGINES FOR GENERATION OF ELLIPTIC CURVE (EC) SCALAR MULTIPLICATION AND SECURE COMMUNICATION PROTOCOLS

(51) International classification	:H04L	(71) Name of Applicant :
(31) Priority Document No	29/06	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING,9TH
(33) Name of priority country	:NA	FLOOR,NARIMAN POINT,MUMBAI
(86) International Application No	:NA	400021,MAHARASHTRA,INDIA. Maharashtra India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:N/A	1)NATARAJAN, VIJAYARANGAN
(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 a method and engine which utilize the less computation resources and time for computing EC scalar multiplication thereby saving the computational cost. A method for computing Elliptic Curve (EC) scalar multiplication value comprising the machine implemented steps of: receiving at least one input scalar value (n), the scalar value n is either one of the value of Double Base Number System (DBNS) sum. DBNS sum with repetitive summands, Multiple Base Number System (MBNS) sum or MBNS sum with repetitive summands; receiving at least one EC point (P), the P is $P \in E(F)$ and the $E(F)$ is an elliptic curve over a prime/binary field F; and computing at least one output EC scalar multiplication value (z) using the input scalar value (n) and the EC point (P), wherein the z is $nP \in E(F)$.

No. of Pages : 43 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.585/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEM AND METHODS FOR DESTRUCTION OF TISSUE USING CRYOGENIC FLUID

(51) International classification	:A61B 17/00
(31) Priority Document No	:61/538845
(32) Priority Date	:24/09/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)ATIASÂ Joseph
Address of Applicant :83 Cathedral Ave. Cathedral GardensÂ
NY 11550Â United States of America. U.S.A.
2)VON DYCK Martin
(72)Name of Inventor :
1)ATIASÂ Joseph
2)VON DYCK Martin

(57) Abstract :

The present invention in a preferred embodiment provides for systems and methods for destroying tissue using a cryogenic fluidÂ the system comprising of a hollow outer cylinder; a hollow inner cylinder placed within the hollow outer cylinder; a tip at the front end or distal end of the outer cylinder; wherein a cryogenic fluid is made to flow through the hollow region of the inner cylinder which oozes out or flows out of more than one grooves or apertures on the surface of the inner cylinder and then passes through the hollow portion of the outer cylinder. Yet another preferred embodiment of the invention provides for a housing component having a combination of storage for additional system cooling and exhaust facilities.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3212/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : COLD ROLLED STEEL SHEET HAVING EXCELLENT SURFACE QUALITY AFTER PRESS FORMING AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :C21D1/76C21D9/46
(31) Priority Document No :2011-211372
(32) Priority Date :27/09/2011
(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 :2-3-3 Uchisaiwai-cho 2-chome
Chiyoda-ku Tokyo 100-0011 Japan. Japan
(72)Name of Inventor :
1)NAGATAKI Yasunobu
2)KIMURA Hideyuki
3)TAKAHASHI Hideyuki

(57) Abstract :

A cold rolled steel sheet useful as an outer or inner panels for automobile and having an excellent surface quality after press forming is provided which has a chemical composition comprising C: 0.0005-0.0050 mass% Si: not more than 0.30 mass% Mn: not more than 0.50 mass% P: not more than 0.050 mass% S: not more than 0.020 mass% Ti: 0.010-0.100 mass% sol. Al: not more than 0.080 mass% and N: not more than 0.007 mass% and the remainder being Fe and inevitable impurities provided that $C \hat{N} \hat{S}$ and Ti satisfy the following relational equation (1): $([\%Ti]/48 - [\%N]/14 - [\%S]/32) / ([\%C]/12) \geq 1.00 \dots (1)$ wherein [%M] represents a content of M element in steel (mass%).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3213/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : HIGH STRENGTH COLD ROLLED STEEL SHEETS HAVING EXCELLENT SURFACE QUALITY AFTER PRESS FORMING AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :C21D1/76C21D9/46
(31) Priority Document No :2011-211382
(32) Priority Date :27/09/2011
(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 :2-3-1 Uchisaiwai-cho 2-chome
Chiyoda-ku Tokyo 100-0011 Japan. Japan
(72)Name of Inventor :
1)NAGATAKI Yasunobu
2)KIMURA Hideyuki
3)TAKAHASHI Hideyuki

(57) Abstract :

A high strength cold rolled steel sheet useful as an outer or inner panel for automobile and having an excellent surface quality after press forming is provided, which has a chemical composition comprising C: 0.0005-0.0050 mass%, Si: not more than 0.50 mass%, Mn: not more than 2.00 mass%, P: not more than 0.100 mass%, S: not more than 0.020 mass%, Ti: 0.010-0.100 mass%, sol. Al: not more than 0.080 mass% and N: not more than 0.0070 mass% and the remainder being Fe and inevitable impurities, provided that C, N, S and Ti satisfy the following relational equation (1): $([\%Ti]/48 - [\%N]/14 - [\%S]/32) / ([\%C]/12) \geq 1.00$... (1) wherein [%M] represents a content of M element in steel (mass%).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2702/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :24/09/2011

(43) Publication Date : 29/03/2013

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

(51) International classification	:C07C 51/00	(71)Name of Applicant : 1)WOCKHARDT LIMITED
(31) Priority Document No	:NA	Address of Applicant :D-4 MIDC Industrial area
(32) Priority Date	:NA	Chikalthana Aurangabad - 431210 M.S. India India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Labade Vilas Bhausaheb
Filing Date	:NA	2)Shukla Jagdish Dattopant
(87) International Publication No	: NA	3)Yadav Ramprasad
(61) Patent of Addition to Application Number	:NA	4)Merwade Arvind Yekanathsa
Filing Date	:NA	5)Deo Keshav
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the preparation of Fesoterodine or its pharmaceutically acceptable salt, which comprises reaction of 5-hydroxy methyl Tolterodine with isobutyryl chloride in absence of base in organic solvents to provide Fesoterodine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2705/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : "IMPROVED PROCESSES FOR PREPARING SOLIFENACIN"

(51) International classification :C07D 453/00

(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 :1597/MUM/2007

Filed on :21/08/2007

(71)Name of Applicant :

1)CADILA HEALTHCARE LIMITED

Address of Applicant :ZYDUS TOWER,SATELLITE CROSS ROAD,AHMEDABAD-380 015,GUJARAT,INDIA Gujarat India

(72)Name of Inventor :

1)PANDEY, BIPIN

2)DAVE,MAYANK,G.

3)KOTHARI,HIMANSHU,M.

4)PATEL,PANKAJ,R.

(57) Abstract :

The present invention relates to an improved process for the preparation of 1 -Phenyl-1, 2,3,4-tetrahydroisoquinoline-2-carboxylic acid 3-quinuclidinyl ester of general formula (Ia), in either racemic or optically active (1S,3'R)"or (1S,3'S) or (1R'3S) or (111,3'R) forms and their pharmaceutically acceptable salts using novel intermediates of formula (II) and (VI) in either racemic or optically active (S) or (R) forms.

No. of Pages : 32 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1373/CHE/2009 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : MULTI BEACON ACTIVE RFID TAG FOR IDENTIFICATION OF LOCATION OF ASSETS

(51) International classification	:G06K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ORIZIN TECHNOLOGIES PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :N2, 3RD FLOOR, 24TH MAIN,
(33) Name of priority country	:NA	J.P.NAGAR 1ST PHASE, BANGALORE 560078 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SURESH RAO M
(61) Patent of Addition to Application Number	:NA	2)PRASHANT AGRAWAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for locating an asset in a zone (zone 1 102 and zone 2 104) includes an active RFID tag 106A-D attached to the asset. The active RFID tag 106A-D emits a first RF beacon (beacon 1) and a second RF beacon (beacon 2). The first RF beacon includes a first power level. The second RF beacon includes a second power level. A fixed active RFID reader 108A-B is configured to receive the first RF beacon (beacon 1) emitted by the active RFID tag. A location of the asset is determined based on the strength of the first power level of the first RF beacon in the zone. A handheld active RFID reader is 110 configured to determine a precise location of the asset in the zone based on the second power level of the second RF beacon received fi-om the active RFID tag 106A-D.

No. of Pages : 38 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1413/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : ROLLER PRESS GRID ARMORING COMPRISING RING-SHAPED BOLTS

(51) International classification :B02C4/30
(31) Priority Document No :10 2009 039 928.3
(32) Priority Date :17/08/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/061741
Filing Date :12/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KHD Humboldt Wedag GmbH
Address of Applicant :Colonia-Allee 3 51067 KÃ¶ln
Germany; Germany
(72)**Name of Inventor :**
1)BRENDLER Dieter

(57) Abstract :

Abstract: The invention relates to a grinding roller (1) for the high-pressure communication of granular milling material (40) having reinforcement with hard bodies (10) which protrude from the surface (5) of the main part of the grinding roller (1). According to the invention at least one part of the hard bodies (10) has a continuous recess (20) wherein the recess (20) extends in a radial direction of the grinding roller (1). Replacing the surface (5) of the grinding roller (1) is substantially simplified by the continuous recess (20).

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1414/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : AQUEOUS POLYMER DISPERSION AND USE THEREOF AS BINDER FOR COATING SUBSTRATES

(51) International classification	:C08F265/10
(31) Priority Document No	:09166119.9
(32) Priority Date	:22/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/060429
Filing Date	:19/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BALKÂ Roelof

2)TIARKS Franca

3)TUCHBREITER Arno

(57) Abstract :

The present invention provides aqueous finely divided polymer dispersions which at low temperatures are film-formingÂ exhibit good blocking resistance in a formulationÂ even at elevated temperaturesÂ and display a low foam tendencyÂ processes for preparing themÂ and their use as binders for coating substrates.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1423/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : SHEET PACKAGING MATERIAL FOR PRODUCING SEALED PACKAGES OF POURABLE FOOD PRODUCTS

(51) International classification :B65D5/74
(31) Priority Document No :09168013.2
(32) Priority Date :17/08/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/058604
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)SORBARA Angelo

3)CASALE Cristiano

4)MARCHETTI Marco

5)HEINONEN Sebastian

6)DIDONNA Domenico

7)CAVECCHIA Tiziana

8)CASARINI Claudio

(57) Abstract :

ABSTRACT There is described a sheet packaging material (M) for producing a sealed package (1) of a pourable food product; the packaging material (M) comprises one base layer (11) for imparting stiffness   a number of lamination layers (12) covering both sides of the base layer (11)   and a removable portion (10   10       10       10       10      ) which   in use   can be detached partly from the rest of the packaging material (M) along at least one arc- shaped culling line (20   20    ) and folded at a folding zone (21   81) extending between the opposite ends of the cutting line (20   20    ) so as to free a pour opening (9) by which to pour the food product from the package (1); the removable portion (10   10       10       10       10      ) comprises a central area (25) made of whole packaging

No. of Pages : 62 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1424/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : PRE-CODING METHOD AND APPARATUS

(51) International classification :H04B7/04

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2009/073315

Filing Date :18/08/2009

(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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(72)Name of Inventor :

1)LI^{Ang} Dong

2)CAI Liyu

(57) Abstract :

The present invention provides a pre-coding method in a multi-user macro-diversity transmission system. The method comprises: obtaining, for a mobile station in the multi-user macro-diversity transmission system, a first sub-precoder that guarantees orthogonality between equivalent channels of users; obtaining a second sub-precoder by performing QR decomposition based on equivalent channels precoded through the first sub-precoder; obtaining a final pre-coder with respect to the mobile station by combining the first sub-precoder and the second sub-precoder, and performing pre-coding on data of the mobile station with the final precoder. The present invention further provides a corresponding base station and a multi-user macro-diversity transmission system. Through the technical solution of the present invention, the multi-user macro-diversity transmission system may achieve more macro-diversity gain, thereby greatly enhancing the performance of the multi-user macro-diversity transmission. (Fig.2)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1425/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONSTRUCTING CODEBOOK AND METHOD APPARATUS AND SYSTEM FOR PRECODING

(51) International classification :H04L1/06

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2009/073278

Filing Date :18/08/2009

(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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(72)Name of Inventor :

1)YANG Hongwei

2)LI Dong

3)WU Keying

(57) Abstract :

The present invention discloses a method and apparatus for constructing a codebook. The method comprises: receiving grouping information on a plurality of transmit antennas of a base station; obtaining a channel model for a channel between a mobile terminal and the base station; and determining an optimal precoding matrix corresponding to each antenna group according to the grouping information and the channel model so as to construct a codebook used for precoding. The present invention further discloses a method and apparatus for selecting a precoding matrix as well as a method, apparatus and system for precoding.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1426/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : "THE APPARATUS AND METHOD FOR RETRANSMITTING DATA BASED ON HARQ SCHEME IN WIRELESS COMMUNICATION SYSTEM"

(51) International classification :H04L1/18
(31) Priority Document No :61/234,656
(32) Priority Date :18/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/004812
Filing Date :22/07/2010
(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)KIM Su Nam
3)RYU Ki Seon
4)YUK Young Soo

(57) Abstract :

A method for retransmitting data using an HARQ method and a mobile station using the same in a wireless telecommunications system are disclosed herein. When all bits of a resource index field in an uplink basic assignment A-MAP received from a base station through a specific frame are set to 1, the mobile station may not retransmit an HARQ subpacket from an uplink subframe within the specific frame. In this case, the mobile station may retransmit an HARQ sub-packet from an uplink subframe within a frame subsequent to the specific frame. At this point, the uplink subframe and resource index of the subsequent frame respectively correspond to the subframe and resource index having the same index and resource index of an uplink subframe predetermined in association with the retransmission of the mobile station in a previous frame. The resource index corresponds to information indicating where the assigned resource is positioned within the corresponding subframe and how large the size of the assigned resource is. Alternatively, the mobile station may receive once again the uplink basic assignment A-MAP, so as to retransmit the HARQ sub-packet from an uplink subframe designated by the uplink basic assignment A-MAP. (Fig. 5)

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1427/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : "METHODS AND NODES FOR SCHEDULING RADIO RESOURCES IN A WIRELESS COMMUNICATION SYSTEM EMPLOYING ENHANCED TIMESLOT ASSIGNMENT (EFTA)"

(51) International classification :H04W72/04
(31) Priority Document No :61/305,220
(32) Priority Date :17/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2010/051257
Filing Date :16/11/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BERGSTRÅM Andreas
3)KARLSSON Mats
4)AXELSSON Håkan

(57) Abstract :

Methods and nodes (110) in a wireless communication system (100) in particular a network node (110) and method in a network node (110) for scheduling wireless transmissions between the network node (110) and a mobile station (120) is revealed. The method comprises obtaining (301) a multi slot class of the mobile station (120) and determining (302) a downlink Temporary Block Flow configuration. Further the method comprises assigning (304) uplink timeslots to the mobile station (120) and associating each assigned uplink timeslot with a priority value based on the downlink Temporary Block Flow configuration and the multi slot class of the mobile station (120). Also a mobile station (120) and a method in a mobile station (120) is disclosed. (Fig. 2)

No. of Pages : 44 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1442/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : STERILIZATION METHOD

(51) International classification	:A61L2/16
(31) Priority Document No	:2009-200678
(32) Priority Date	:31/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/064792
Filing Date	:31/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)HARAÔ Michikazu
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3)ISHIKAWA Takahiro

(57) Abstract :

Disclosed is a novel sterilization method which can kill microorganisms in water as well as microorganisms in gases. Specifically disclosed is a method for sterilizing a gas or a liquidÔ which is characterized by bringing microorganisms contained in the gas or the liquid into contact with a material comprising an amorphous carbon having a sulfo group introduced therein.

No. of Pages : 35 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1415/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : NONAQUEOUS ELECTROLYTE SOLUTION AND ELECTROCHEMICAL ELEMENT USING SAME

(51) International classification :H01M10/0567
(31) Priority Document No :2009-188470
(32) Priority Date :17/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/063715
Filing Date :12/08/2010
(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 :**
1)ABE Koji
2)MIYOSHI Kazuhiro
3)KAWABE Kazuyuki

(57) Abstract :

ABSTRACT Disclosed is a nonaqueous electrolyte solution obtained by dissolving an electrolyte salt in a nonaqueous solvent which is characterized in that a sulfonate compound having a specific structure is contained in an amount of 0.01-10% by mass in the nonaqueous electrolyte solution. Also disclosed is an electrochemical element which comprises the nonaqueous electrolyte solution. The nonaqueous electrolyte solution has an excellent effect of improving storage characteristic of a primary battery, cycle characteristics of a secondary battery in cases when the secondary battery is used at high temperature and low temperature characteristics of a secondary battery after high-temperature cycles.

No. of Pages : 68 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1417/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYNCHRONIZATION OF BUFFERED AUDIO DATA WITH LIVE BROADCAST

(51) International classification :H04H20/40
(31) Priority Document No :12/541,803
(32) Priority Date :14/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045363
Filing Date :12/08/2010
(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)LINDAHL Aram

2)POWELL Richard Michael

3)WILLIAMS Joseph M.

(57) Abstract :

Various techniques relating to the buffering of a live audio broadcast on an electronic device 10 and the subsequently playback the buffered data are provided. In one embodimentÂ the playback speed of the buffered data may be increased relative to the actual speed at which the data was originally broadcasted 126. If the buffered playback (using the increased playback speed) synchronizes or catches up to the live broadcastÂ the electronic device may disable buffering and output the live stream instead 128. This decreases processing demands by lowering processing cycles required for buffering (encodingÂ etc.) and playback of the buffered data (decodingÂ etc.)Â thereby reducing power consumption.

No. of Pages : 57 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1447/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : PROCESS FOR CLEANING A PROCESS CONDENSATE

(51) International classification :C02F1/469
(31) Priority Document No :09009444.2
(32) Priority Date :21/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/004329
Filing Date :15/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

Abstract PROCESS FOR CLEANING A PROCESS CONDENSATE The invention discloses a process for cleaning a process condensate 17 from a steam reforming process or steam cracking process. The process condensate 17 is fed to an electrodisinfection process 7 for cleaning.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1448/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : LUBRICATING GREASE COMPOSITIONS

(51) International classification	:C10M171/00
(31) Priority Document No	:09168076.9
(32) Priority Date	:18/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/062061
Filing Date	:18/08/2010
(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 :

1)DAEGLINGÂ Stefan

(57) Abstract :

Abstract LUBRICATING GREASE COMPOSITIONS Use of a lubricating grease composition in a mass flywheel application wherein the lubricating grease composition comprises: (i) a base oil having a density in the range of from 800 to 1000 Kg/m³; and (ii) a urea compound having a density in the range of from 850 to 1050 Kg/m³; wherein the difference in the densities of the base oil (i) and the urea compound (ii) is less than Kg/m³. The lubricating grease compositions according to the present invention are particularly useful for reducing oil bleeding and for improving shear stability properties in a dual mass flywheel application.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1449/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : SELECTION AND UTILIZATION OF SHARED WIRELESS WIDE AREA NETWORK MODEMS

(51) International classification :H04W40/10

(31) Priority Document No :12/553,267

(32) Priority Date :03/09/2009

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

(86) International Application No :PCT/US2010/047864

Filing Date :03/09/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(57) Abstract :

A device chooses to use any one of a number of nodes with wireless wide area network (WWAN) modems depending on whether utilization of one of the nodes will mitigate the power consumption of the device. The choice might also be a function of an energy level of the nodes. The choice can also be based on a link performance indicator. The chosen node is selected as a WWAN modem for communication and utilizes the identity of the device for application data services being supported in this mode.

No. of Pages : 81 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1444/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : INFORMATION PROCESSING DEVICE

(51) International classification :G06F17/30
(31) Priority Document No :2009-189942
(32) Priority Date :19/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/003382
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 :

An information processor includes a keyword registration means for accepting an input of a keyword composed of a predetermined character string and storing the accepted keyword in a storage device; and a content display means for displaying externally acquired content on a display device. The content display means is configured to display the content on the display device by replacing a character string in a preset range containing the keyword with other display data if the keyword stored in the storage device exists in character information contained in the content.

No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1445/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF CONDENSATION POLYMERS VIA IN-REACTOR CHAIN EXTENSION AND PRODUCTS THEREOF

(51) International classification	:C08F
(31) Priority Document No	:61/227,149
(32) Priority Date	:21/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/042722
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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2)VILLALOBOS Marco A.

(57) Abstract :

Abstract: Methods for forming high molecular weight chain-extended condensation polymers are disclosed. The methods include adding a chain extender during the polymerization process of a condensation polymer to provide a chain-extended condensation polymer wherein the chain extender comprises a polymerization product of at least one epoxy-thnctional (meth)acrylic monomer and at least one styrenic and/or (meth)acrylic monomer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1446/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : PUMP ASSEMBLY

(51) International classification	:F04B53/00
(31) Priority Document No	:09165876.5
(32) Priority Date	:20/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/060440
Filing Date	:19/07/2010
(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 pump assembly (30) for use in an internal combustion engine comprises a pump housing (32aÃ 32b) provided with a bore (34) within which a pumping plunger (36) is reciprocal along a plunger axis; a pump chamber (38) defined at one end of the bore (34) within which fuel is pressurised to a relatively high level as the pumping plunger (36) reciprocates within the bore (34)Ã in use; and an inlet valve (40Ã 40aÃ 40b) housed within the pump housing (32aÃ 32b) and in communication with the pump chamber (38) to control the flow of fuel into the pump chamber (38). A clamp member (46) applies a clamping load to the pump housing (32aÃ 32b)Ã which has at least a component that is aligned with the plunger axisÃ through a surface of the pump housing located

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1451/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : FACILITATING DECODING SYSTEM INFORMATION BLOCKS IN A HETEROGENEOUS NETWORK

(51) International classification :H04W48/12

(31) Priority Document No :61/236,254

(32) Priority Date :24/08/2009

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

(86) International Application No :PCT/US2010/046455

Filing Date :24/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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3)SEONG Kibeom

(57) Abstract :

Aspects are disclosed for detecting a system information block (SIB) within a heterogeneous network. In one aspect a type of scheduling information pertaining to an SIB is selected and a parameter known to a wireless terminal is associated with the type of scheduling information. The wireless terminal then decodes the SIB by deriving the scheduling information from the known parameters without having to decode a Physical Downlink Control Channel.

No. of Pages : 58 No. of Claims : 88

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1452/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : DIRECT THERMAL SPRAY SYNTHESIS OF LI ION BATTERY COMPONENTS

(51) International classification :H01M10/0525
(31) Priority Document No :61/233,863
(32) Priority Date :14/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045431
Filing Date :13/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)CHIKKANNANAVAR Satish B.
4)GUDURU Ramesh Kumar

(57) Abstract :

A method of fabricating a battery member from a precursor comprising providing a precursor having at least one component dissolved in the precursor; and thermal spray depositing the precursor on a substrate to form a coating layer such that the at least one component is synthesized within the thermal spray prior to being deposited on the substrate. Figure 3C

No. of Pages : 51 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1453/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : "HERPES VIRUS BACKBONE FOR VIRAL VACCINE AND VACCINE BASED THEREON"

(51) International classification :A61K39/12

(31) Priority Document No :61/271,938

(32) Priority Date :28/07/2009

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

(86) International Application No :PCT/US2010/002010

Filing Date :16/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)Saul J. SILVERSTEIN

2)Christos A. PANAGIOTIDIS

3)Christos A.KYRATSOUS

4)Matthew S. WALTERS

(57) Abstract :

A recombinant deoxyribonucleic acid comprising a human herpes simplex virus (HSV) deoxyribonucleic acid (DNA) having a heterologous DNA integrated therein wherein the heterologous DNA encodes a polypeptide comprising a RING-finger domain; a recombinant virus comprising such a viral vaccine and methods of immunization are provided.

No. of Pages : 103 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1443/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : INFORMATION COMMUNICATION SYSTEM EMERGENCY USE DEVICE AND PORTABLE COMMUNICATION DEVICE

(51) International classification :G06Q50/00
(31) Priority Document No :2009-188877
(32) Priority Date :18/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/001003
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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1)Panasonic Corporation
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1)OOBAYASHIÅ Hiroki
2)EMA Shinya

(57) Abstract :

An information processing system includes an emergency use device and a portable communication device. The emergency use device includes an identification information storage section which stores identification information indicating a usage state and a transmitting section which transmits the identification information stored in the identification information storage section in response to a request from the portable communication device. The portable communication device includes a personal information storage section which stores personal emergency information, a communication section which communicates with the emergency use device, and a communication section which transmits the personal emergency information to a predetermined organization which is allowed to read the personal emergency information stored in the storage section when identification information indicating that the emergency use device is used is received from the emergency use device. The personal emergency information can be transmitted to the predetermined organization on condition that the emergency use device is used.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1455/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : SILVER OXIDE FORMULATIONS HAVING IMPROVED WHITENESS CHARACTERISTICS

(51) International classification :A61K33/30

(31) Priority Document No :61/227,297

(32) Priority Date :21/07/2009

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

(86) International Application No :PCT/IB2010/002024

Filing Date :21/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)AIDANCE SKINCARE AND TOPICAL SOLUTIONS
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(72)Name of Inventor :

1)ANTELMAN Perry

(57) Abstract :

ABSTRACT A topical formulation for application to exposed body tissue the formulation comprising a silver (II) oxide and zinc oxide intimately dispersed within a carrier medium.

No. of Pages : 35 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1456/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING DOWNLINK DATA TRANSMISSION IN A MULTI-HOP RELAY COMMUNICATION SYSTEM

(51) International classification :H04L1/18

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2009/073308

Filing Date :17/08/2009

(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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Address of Applicant :3 Avenue Octave Grard F-75007 Paris France

(72)Name of Inventor :

1)ZHAO Qun

2)LIU Jimin

3)ZHENG Wu

(57) Abstract :

In order to address the problem of RLC layer relaying in the prior art that downlink user data of a user equipment with an access through a relay station may be lost due to a handover, the invention proposes solutions of a method and apparatus for controlling downlink data transmission in a multi-hop relay communication system so that when a next-hop network device of a base station is a relay station, an RLC entity of the base station transmits an indication message to a PDCP entity of the base station, to trigger the PDCP entity of the base station to discard a PDCP SDU corresponding to at least one PDCP PDU, upon reception of a user equipment delivery acknowledgement message from the access relay station to acknowledge delivery of the at least one PDCP PDU to the user equipment. The access relay generates the user equipment delivery acknowledgement message upon reception from the user equipment of positive acknowledgement messages for all the RLC PDUs corresponding to the at least one PDCP PDU. Preferably status information on whether an RLC SDU has been acknowledged, which is buffered between the access relay station and the base station, can be synchronized implicitly. (FIG.2)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1480/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : DIRECT COAL LIQUEFACTION WITH INTEGRATED PRODUCT HYDROTREATING AND CATALYST CASCADING

(51) International classification	:C10G1/00
(31) Priority Document No	:12/583,276
(32) Priority Date	:19/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/001839
Filing Date	:26/07/2010
(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)MAC ARTHUR James B.

2)DUDDY John E

(57) Abstract :

A multi-stage catalytic process for the direct liquefaction of coal is utilized with a hydrotreater to first liquefy and subsequently treat the product in one integrated process. A fresh hydrogenation catalyst is used to reduce heteroatoms (S, N) from coal liquids in the downstream hydrotreater. This catalyst is then cascaded and re-used in the direct coal liquefaction process first in the low temperature Stage 1 and then re-used in the high temperature Stage 2; Coal liquid products have very low contaminants and can be readily used to produce gasoline and diesel fuel. Catalyst requirements are substantially lowered utilizing this novel process.

No. of Pages : 31 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1420/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : MECHANISMS FOR DETECTING TAMPERING OF AN ELECTRONIC DEVICE

(51) International classification :G08G13/14

(31) Priority Document No :61/232,686

(32) Priority Date :10/08/2009

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

(86) International Application No :PCT/US2010/043219

Filing Date :26/07/2010

(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)JOHNSON Timothy M.

(57) Abstract :

An electronic device has a chassisÂ and a printed wiring board (PWB) having a hole. A fastener is installed in the hole thereby securing the PWB to the chassis. A pair of conductive traces is formed in the PWB. A capÂ being an amount of conductive glueÂ covers a part of the fastener and fills an electrically insulating gap between the two tracesÂ to thereby form a conductive path that connects the two traces. A sensing circuit is coupled to the tracesÂ to detect a change in impedance of the path and signal a tamper event alert. Other embodiments are also described and claimed.

No. of Pages : 35 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1422/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : "SWEETNESS ENHANCERS INCLUDING REBAUDIOSIDE A OR D"

(51) International classification :A23L1/236

(31) Priority Document No :61/240,154

(32) Priority Date :04/09/2009

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

(86) International Application No :PCT/US2010/047207

Filing Date :31/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)R. KYLE PALMER

2)F. RAYMOND SALEMME

(57) Abstract :

The present invention is directed to the use of rebaudioside A or rebaudioside D in combination with one or more compounds of Formula (I) or a stereoisomer thereof wherein R₂ is rhamnose and R and R₁ are each independently selected from the group consisting of hydrogen, glucose and beta-sophorose for enhancing the sweet taste of carbohydrate sweeteners such as sucrose and fructose. The present invention is also directed to consumables which include a combination of a carbohydrate sweetener, rebaudioside A or rebaudioside D and one or more compounds of Formula (I) or a stereoisomer thereof.

No. of Pages : 84 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1450/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHODS AND APPARATUS FOR INTERFERENCE DECREASE/CANCELLATION ON DOWNLINK ACQUISITION SIGNALS

(51) International classification :H04L
(31) Priority Document No :61/234,595
(32) Priority Date :17/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045765
Filing Date :17/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)ZHANG Xiaoxia
2)MALLADI Durga Prasad
3)WEI Yongbin
4)LUO Tao
5)XU Hao
6)DAMNJANOVIC Aleksandar

(57) Abstract :

A method an apparatus and a computer program product for receiving a signal including components from a plurality of cells estimating a channel from the received signal using one or more channel estimation schemes removing a component signal using the estimated channel from the received signal to generate a processed signal and detecting a residual signal in the processed signal.

No. of Pages : 66 No. of Claims : 60

(54) Title of the invention : OPERATING PROCESS FOR THE PRODUCTION OF AN INSOLE FOR FOOTWEAR AND INSOLE THUS OBTAINED

(51) International classification	:A43B9/06	(71)Name of Applicant :
(31) Priority Document No	:MC2009A000172	1)NOVARESE S.R.L.
(32) Priority Date	:23/07/2009	Address of Applicant :Via L. Lotto 1Â I-62014Â Corridonia
(33) Name of priority country	:Italy	(MC)Â Italy Italy
(86) International Application No	:PCT/IT2010/000321	(72)Name of Inventor :
Filing Date	:21/07/2010	1)GISMONDIÂ Andrea
(87) 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 :

Machining process for the manufacture of an insole for footwear, having a tape (2) at the bottom face (B) of the insole (1) and around < the entire periphery thereof except only for that horseshoe arch that surrounds the heel of the shoe if desired, the outer edge (2a) of said tape being attached to and aligned with the edge (1a) of the insole (1) so that the inner edge (2b) of said tape (2) is free to be folded and detached from the bottom face (B) of the insole (1), said process including the following operational steps: cutting the insole (1) along a plane parallel thereto so as to open the insole from the tip to the plantar arch, dividing it into a top half-insole (1c) and a bottom half insole (1d); fixing said tape (2) beneath the bottom half-insole (1d) so that the outer edge (2a) of said tape (2) is fixed to and aligned with the edge (1 e) of the bottom half sole (1 d), while the inner edge (2b) of the tape (2) is free to be folded and detached from the bottom half-insole (1d); inserting a padding layer (5) between the two half-insoles (1c and 1d), which are then laid down and glued peripherally one on top of the other, to form a sandwich structure together with the intermediate layer (5).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1484/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : OXYGEN STORAGE CATALYST WITH DECREASED CERIA REDUCTION TEMPERATURE

(51) International classification :B01J23/83
(31) Priority Document No :61/227,521
(32) Priority Date :22/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042829
Filing Date :22/07/2010
(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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Address of Applicant :100 Campus DriveÂ Florham ParkÂ
NJ 07932Â USA U.S.A.
(72)Name of Inventor :
1)LUOÂ Tian
2)DEEBA Michel

(57) Abstract :

Abstract OXYGEN STORAGE CATALYST WITH DECREASED CERIA REDUCTION TEMPERATURE CatalystsÂ systems and methods for abating emissions in an exhaust stream are provided. Systems comprising a transition metal oxide stabilized oxygen storage catalyst are described. The emissions treatment system is advantageously used for the treatment of exhaust streams from lean burn engines including diesel engines and lean burn gasoline engines.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1457/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD OF MAINTAINING COHERENCY OF A PRECODING CHANNEL IN A COMMUNICATION NETWORK AND ASSOCIATED APPARATUS

(51) International classification :H04B7/06

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2009/073310

Filing Date :17/08/2009

(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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(72)Name of Inventor :

1)ZHANG Xiaobo

2)YOU Mingli

(57) Abstract :

In prior art selection of precoding granularity is affected by two inter-restricting factors i.e. precoding accuracy and channel estimation at a mobile terminal. To solve this problem the present invention provides a method of maintaining coherency of a precoding channel in a communication network and an associated apparatus. During precoding this method takes into account both channel coherency and system capacity. A base station adjusts phase and/or amplitude of a precoding matrix corresponding to each precoded unit to maintain coherency of associated information of the overall precoding channel. The associated information of the precoding channel includes for example CSI or eigenvalue matrix of the precoding channel. Afterwards a mobile terminal performs channel estimation based on reference signals of multiple precoded units thereby eliminating the limitation in prior art that a mobile terminal can perform channel estimation only within one or more resource block limited by a precoding granularity.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1478/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : GLOVE BOX FOR VEHICLE

(51) International classification	:B60R7/06
(31) Priority Document No	:2009-170117
(32) Priority Date	:21/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060289
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)OKIMOTOÂ Kohei

(57) Abstract :

In a glove box for a vehicle, when a lid (14), which opens and closes an opening portion of a storage box (13) provided in an instrument panel (11), is in a closed position, a locking claw (21b) provided at the lid (14) engages with a locking hole (13f) provided in the storage box (13). Accordingly, even if a passenger secondarily collides with the instrument panel (11) and the storage box (13) is deformed at the time of collision of a vehicle, the storage box (13) deforms with the lid (14), since the rib (20b) of the lid (14) is inserted in the locking hole (13f) of the storage box (13), whereby the positional relation of the locking claw (21b) of the lid (14) and the locking hole (13f) of the storage box (13) is inhibited from changing, and the locking claw (21b) can be prevented from being disengaged from the locking hole (13f) and opening the lid (14). The structure is a simple one in which only a pair of ribs (20b) are added to the storage box (13) of the existing glove box, and therefore, the structure can be realized at low cost.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1479/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : ORGANIC COMPOUNDS

(51) International classification	:A23L1/226
(31) Priority Document No	:0914574.9
(32) Priority Date	:20/08/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/062160
Filing Date	:20/08/2010
(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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2)DEGENHARDT Andreas

(57) Abstract :

.Abstract Provided are umami taste and savoury flavour enhancing compounds of formula (I) (I) wherein R1 is selected from O and OHÂ the dotted line representing a bond present when R1 is OÂ R2 is a hydrocarbon residue having 6 to 22 carbon atomsÂ comprising from 0-4 unsaturated carbon-carbon bonds. The compounds can be added to food productsÂ beverages and other consumable products.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1506/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHODS AND APPARATUS TO AVOID MOBILE STATION TRANSMISSION OF DUPLICATE EVENT-BASED AND POLLED ACKNOWLEDGMENTS

(51) International classification :H04W28/04
(31) Priority Document No :12/551,161
(32) Priority Date :31/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/001308
Filing Date :31/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CONWAY Dennis
3)HOLE David Philip

(57) Abstract :

Methods and apparatus to avoid mobile station transmission of duplicate event-based and polled acknowledgments are disclosed. An example method for a mobile station configured to send event-based acknowledgment information as disclosed herein comprises classifying a downlink data block as unreported, receiving a poll from a network requesting the mobile station to send polled acknowledgment information during a period, and refraining from sending during the period event-based acknowledgment information for the downlink data block classified as unreported.

No. of Pages : 71 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1481/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : A CONDUCTIVE LAYER FOR USE IN A PHOTOVOLTAIC DEVICE OR OTHER ELECTRONIC APPLICATION

(51) International classification	:H01B1/24
(31) Priority Document No	:09009583.7
(32) Priority Date	:23/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/004382
Filing Date	:19/07/2010
(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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United Kingdom U.K.

(72)Name of Inventor :

1)BÃ-HMÂ Siva

2)ENGLISH Timothy

3)HAMMOND Deborah

(57) Abstract :

A conductive layer for use in a photovoltaic device or other electronic application comprising a conductive material and a conductive additive characterized in that conductive material and the conductive additive are dispersed in a heat resistant polymeric material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1482/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : PROCESS FOR THE RECOVERY OF AMMONIA FROM A GASEOUS STREAM

(51) International classification	:B01D53/58
(31) Priority Document No	:MI2009A 001372
(32) Priority Date	:30/07/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/004765
Filing Date	:27/07/2010
(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)CASARAÂ Paolo

(57) Abstract :

The present invention relates to a process for the recovery of ammonia contained in a gaseous streamÂ said process comprising the following phases: (a) subjecting the gaseous stream containing ammonia to a washing with an aqueous washing solution having a pH lower than 7.0Â with the formation of a purified gaseous stream and an aqueous solution containing an ammonium salt; (b) treating the aqueous solution containing the ammonium salt coming from phase (a) in a vertical falling film heat exchanger at a temperature from 50 to 250Â°C and an absolute pressure ranging from 50 KPa to 4 MPa absolute with the formation of a regenerated washing solution and a gaseous stream comprising NH₃ and H₂O; (c) recycling said regenerated washing solution to phase (a). The present invention also relates to equipment for effecting the above process.

No. of Pages : 39 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1502/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MULTIPLE-USER COMMUNICATION IN A CLIENT INITIATED COMMUNICATION TRANSMISSION SCHEME

(51) International classification :H04W74/08

(31) Priority Document No :61/236,852

(32) Priority Date :25/08/2009

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

(86) International Application No :PCT/US2010/046708

Filing Date :25/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)MERLIN Simone

3)ABRAHAM Santosh P.

4)WENTINK Maarten Menzo

(57) Abstract :

An apparatus is disclosed having a receiver configured to receive a request to transmit data from a wireless node in a plurality of wireless nodes; and a transmitter configured to transmit a multi-cast message to a set of wireless nodes in the plurality of wireless nodes to permit data transmission. A method for wireless communications is also disclosed.

No. of Pages : 38 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1503/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : ACCESS CONTROL BASED ON RECEIPT OF MESSAGE FROM ACCESS TERMINAL

(51) International classification :H04W48/02

(31) Priority Document No :61/243,758

(32) Priority Date :18/09/2009

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

(86) International Application No :PCT/US2010/049386

Filing Date :17/09/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)TINNAKORNSRISUPHAP Peerapol

3)SUNDARRAMAN Chandrasekhar Therazhandur

4)WANG Jun

5)SHIROTA Masakazu

(57) Abstract :

Access control techniques enable an access terminal (102) to obtain service through an access point (104). In some aspects access control techniques may be used to enable a user (e.g. an owner) of an access point (104) to control whether an access terminal obtains service through the access point (104). For example a user may temporarily disable access control at an access point (104) to enable access terminals that register with the access point (104) while access control is disabled to thereafter be allowed to obtain service through the access point (104). As another example a shared secret may be provided to an access terminal (102) whereby upon presenting the shared secret to an access point (104) the access terminal is allowed to obtain service through the access point.

No. of Pages : 71 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1504/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : FRAME STRUCTURE AND CONTROL SIGNALING FOR DOWNLINK COORDINATED MULTI-POINT (COMP) TRANSMISSION

(51) International classification :H04W72/08
(31) Priority Document No :61/234,253
(32) Priority Date :14/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045527
Filing Date :13/08/2010
(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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2)BONTU Chandra S.
3)YU Dongsheng
4)XU Hua
5)EARNSHAW Andrew Mark
6)FONG Mo-Han
7)CAI Zhijun

(57) Abstract :

Establishing a coordinated multi-point (CoMP) cooperating set among a plurality of access nodes including an anchor access node. The anchor access node receives one or more user equipment (UE) measurement reports related to the UEs' channel measurements of one or more of the plurality of access nodes. The anchor access node determines whether to employ CoMP transmissions based on the UEs' measurement reports. Responsive to determining to employ CoMP transmissions the anchor access node adds the at least one of the plurality of access nodes to a CoMP candidate list. The anchor access node transmits a request to the at least one of the plurality of access nodes to initiate CoMP transmissions. Responsive to receiving an acknowledgement signal from the at least one of the plurality of access nodes the second access node is added to the CoMP cooperating set.

No. of Pages : 74 No. of Claims : 80

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1485/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : DETERMINISTIC BACKOFF CHANNEL ACCESS

(51) International classification :H04W 74/00

(31) Priority Document No :61/236,422

(32) Priority Date :24/08/2009

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

(86) International Application No :PCT/US2010/046448

Filing Date :24/08/2010

(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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USA, U.S.A.

(72)Name of Inventor :

1)WENTINK Maarten Menzo

2)RAISSINIA Alireza

(57) Abstract :

Certain aspects of the present disclosure provide techniques for determining timing of transmit opportunities for wireless stations. According to certain aspects an access point transmits a downlink transmission containing a deterministic slot count. A station receiving the downlink transmission may determining timing of a transmit opportunity for transmitting a return frame based at least in part on the deterministic slot count.

No. of Pages : 56 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1500/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD FOR IMPROVING IMAGES

(51) International classification	:G03B7/093
(31) Priority Document No	:2009127932
(32) Priority Date	:20/07/2009
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU2010/000119
Filing Date	:19/03/2010
(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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(72)Name of Inventor :
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2)Eugene Alexandrovich PANICH

(57) Abstract :

The method according to the present invention can be used for producing high-quality images in photography in low-light conditions and in the absence of large-aperture optics. The method comprises upon photographing first obtaining a plurality of frames of the image with exposures which either partially overlap in time or with an insignificant pause between them. The best result can be obtained in the case when the pause between the exposures represents less than 1/20 of the overall exposure time. The method further comprises separating out the initial images from a group of exposures and filtering the images having the smallest exposure interval using the images having the largest exposure interval. The final image is obtained by combining initial images having different exposure intervals from the same group.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1501/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : POWER BASED RATE SELECTION

(51) International classification :H04W52/02

(31) Priority Document No :61/238,576

(32) Priority Date :31/08/2009

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

(86) International Application No :PCT/US2010/047180

Filing Date :30/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)MANOR Liron

(57) Abstract :

Systems and methods of selecting a data rate for a wireless communication device are disclosed. Data indicative of a power constraint of a first computing device using the wireless communication device may be transmitted to a second computing device. A maximum data rate may be identified based on at least in part a power constraint of the first computing device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1510/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND TERMINAL FOR SELECTING SERVICE CELL

(51) International classification	:H04W48/18
(31) Priority Document No	:200910175672.5
(32) Priority Date	:21/09/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/074567
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)Guomian CHENG
2)Zhongshi XIE

(57) Abstract :

A terminal for selecting a serving cell is disclosed. The terminal comprises a cell information receiving module, a calculation module and a serving cell selection module. The cell information receiving module is configured to receive a signal intensity of each adjacent cell and a maximum time slot utility ratio that each cell assigns to the terminal. The calculation module is configured to calculate corresponding data transfer rate of the terminal being in each adjacent cell according to a maximum data rate corresponding to the signal intensity of the terminal being in each adjacent cell and the maximum time slot utility ratio that each adjacent cell assigns to the terminal. The serving cell selection module is configured to select a cell corresponding to a maximum data transfer rate as a serving cell when not all forward time slot utility ratios corresponding to the signal intensities of the terminal being in each adjacent cell are 1 and a difference of the corresponding data transfer rates in two different adjacent cells is greater than or equal to a rate threshold set by a system. A method for selecting a serving cell is disclosed. The technical solution can select a better serving cell for the terminal, thus improving the system performance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1511/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MEDIA MODIFICATION

(51) International classification :H04L29/06
(31) Priority Document No :200910093943.2
(32) Priority Date :23/09/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073160
Filing Date :24/05/2010
(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)Yang GAO

(57) Abstract :

The present invention discloses a method and system for media modification, which is used for solving the problem in the related art that it is not considered during media modification whether the user confirmation or precondition of media modification is required, thereby resulting in technical defects, such as possible bearing resource embezzlement, producing redundancy, etc. The present invention regards the 200OK message of Re-INVITE as the confirmed time point of the media addition and/or modification; in the case that there is a precondition and the user confirmation is not required, the time point when the precondition is satisfied is regarded as the confirmed time point of the media component addition and/or existing media component modification; in the case that there is a precondition and the user confirmation is required, the 200OK response message of the Re-INVITE message is regarded as the confirmed time point of the media component addition and/or existing media component modification. By the present invention, a premature confirmation of the modification can be avoided before the resource is available or before the user confirmation, and thereby the bearing resource embezzlement and producing unnecessary redundant steps are prevented.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1505/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : COMMUNICATION OF REDUNDANT SACCH SLOTS DURING DISCONTINUOUS TRANSMISSION MODE FOR VAMOS

(51) International classification	:H04W76/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/060848
Filing Date	:21/08/2009
(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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2)QU Shouxing Simon

3)KREUZER Werner

(57) Abstract :

The application relates to a method for communication from a second mobile station to a base station or vice versa. In a given multiframeÂ a first SACCH slot associated with the second mobile station is communicated (i.e. received or transmitted or both) via the second VAMOS subchannel. In the same multi-frameÂ a redundant second SACCH slot associated with the second mobile station is communicated. The communicating step is performed either by the second mobile station or by the base station. The second SACCH slot may be communicated via the second VAMOS subchannelÂ in case the second VAMOS subchannel is in DTX mode. In an alternative embodimentÂ the second SACCH slot may be communicated via a first VAMOS subchannelÂ in case the first VAMOS subchannel is in DTX modeÂ wherein the first and second VAMOS subchannels share a common time slot and have the same carrier frequency....

No. of Pages : 58 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1566/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : "METHOD FOR INCREASING YIELD OF STAPLE FOOD CROP"

(51) International classification :A01N43/90
(31) Priority Document No :2009-173724
(32) Priority Date :24/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/062351
Filing Date :22/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)KAWAGISHI Hirokazu
2)MORITA Akio
3)CHOI Jae-Hoon**

(57) Abstract :

Provided is a method of increasing a yield of a staple food crop which comprises bringing a compound represented by the following Formula (I) into contact with a plant body excluding seeds of a staple food crop to be cultured. The staple food crop is preferably a cereal crop a tuber crop or the like. In the following Formula (I) R1 and R2 each independently represent a hydrogen atom or a monovalent substituent or R1 and R2 are bound together to form an azo group; and R3 represents a hydrogen atom or a monovalent substituent.

No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1596/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : "ROLLER BEARING AND METHOD FOR MANUFACTURING THE SAME"

(51) International classification :F16C33/66
(31) Priority Document No :2010-037474
(32) Priority Date :23/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/001038
Filing Date :23/02/2011
(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 :

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3)TANOUE Yasushi

4)IWAO Takuya

5)FUJITA Shinji

(57) Abstract :

Spherical particles having diameters of 100 μm or less are projected on a surface of a tapered roller (3) so as to form recesses and protrusions and abrasive particles are then projected thereon so as to remove the protrusions. The abrasive particles result from adhering 5 mass% diamond grains with an average diameter of 10 μm on surfaces of 1 mm-diameter rubber particles. As a result multiple recesses having circular openings of 50 μm or less are formed on the surface of the tapered roller (3) at intervals of 200 μm or less. These recesses become moderate oil pools heightening the oil film formation capability of the roller surface and thus torque of the tapered roller bearing may be decreased.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1597/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : α -A CATALYST SYSTEM AND A PROCESS FOR THE PRODUCTION OF POLYETHYLENE α

(51) International classification :C08F10/00
(31) Priority Document No :09075364.1
(32) Priority Date :14/08/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/004979
Filing Date :13/08/2010
(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 :
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(57) Abstract :

The invention relates to a catalyst system comprising I. a solid reaction product obtained by reaction of: (a) a hydrocarbon solution comprising (1) an organic oxygen containing magnesium compound (2) an organic oxygen containing titanium compound and (3) at least one compound containing zirconium and/or hafnium (b) a mixture comprising a metal compound having the formula MeR_nX_{3-n} wherein X is a halogenide, Me is a metal of Group III of Mendeleev's Periodic System of Chemical Elements, R is a hydrocarbon radical containing 1 - 10 carbon atoms and $0 < n < 3$ and a silicon compound of formula R_mSiCl_{4-m} wherein $0 < m \leq 2$ and R is a hydrocarbon radical containing 1 - 10 carbon atoms wherein the molar ratio of metal from (b): titanium from (a) is lower than 1:1 and II. an organo aluminum compound having the formula AlR_3 in which R is a hydrocarbon radical containing 1 - 10 carbon atoms. The catalyst is applied during the polymerisation of ethylene, preferably ultra high molecular weight polyethylene.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1507/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : SWITCHABLE INDUCTOR NETWORK

(51) International classification	:H01F21/12
(31) Priority Document No	:12/551,390
(32) Priority Date	:31/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047387
Filing Date	:31/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)CHAN Ngar Loong A.

(57) Abstract :

Techniques for providing a switchable inductor network having configurable inductance in response to a control signal. The switchable inductor network may adopt a fully symmetric architecture to reduce the effects of parasitic elements in differential mode operation. The switchable inductor network is particularly suitable for multi-mode communications circuitry applications e.g. in the design of a voltage-controlled oscillator (VCO) or an amplifier or buffer in such circuitry.

No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1533/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : MAGNETIC DIAGNOSTIC PROBE CONNECTOR SYSTEM

(51) International classification :A61B
(31) Priority Document No :61/238419
(32) Priority Date :31/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/053523
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

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3)FRASER John Douglas

(57) Abstract :

A magnetic connection system suitable for use with a wireless ultrasound probe which utilizes a plurality of magnets to facilitate coupling between said probe and a diagnostic or clinical device in a manner which minimizes the effects of stray magnetic fields on the device. Fig. 4

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1534/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYNCHRONIZING MONITOR DATE/TIME WITH CENTRAL SERVER USING HL7 OR RS232 ACK MESSAGE

(51) International classification	:H04L
(31) Priority Document No	:61/234335
(32) Priority Date	:17/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/053154
Filing Date	:09/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)ZHENGÂ Chuan

(57) Abstract :

A patient monitoring device (10) transmits patient data packets (70) to a server (12). In response to the server receiving the transmitted patient data packetÂ the server sends an acknowledgement (ACK) message (72) from the server at the patient monitoring device including a timestamp (74). The patient monitoring device compares the timestamp in the received ACK message with a current time of its clock (28). If the times differ by more than a selected amountÂ the clock is synchronized to the timestamp. Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1562/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : CHROMONE DERIVATIVES A COMPOSITION AND PROCESSES THEREOF

(51) International classification :C07D311/22

(31) Priority Document No :0955944

(32) Priority Date :01/09/2009

(33) Name of priority country :France

(86) International Application No :PCT/IB2010/053895

Filing Date :31/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

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(57) Abstract :

The present disclosure relates to chromone derivatives their preparation their pharmaceutical compositions and their application as D3 dopaminergic ligands as a medicament for disorders of the central nervous system.

No. of Pages : 52 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1595/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : "MACHINE FOR DRAINING HUMID WASTE"

(51) International classification :E03F5/14
(31) Priority Document No :BO2009A 000481
(32) Priority Date :23/07/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2010/001789
Filing Date :22/07/2010
(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)PASSERINI Massimo
3)VINCENZI Lamberto

(57) Abstract :

A machine (1) for draining humid waste. Machine (1) comprises a containment structure (2) Archimedean screws (5) for feeding the humid waste housed in the containment structure (2) and a drainage bed (6) which is also housed in the containment structure (2) and arranged underneath at least one first stretch of the Archimedean screws (5). Machine (1) is characterized in that the drainage bed (6; 25) comprises a plurality of filtering structures (7; 26) each of which has a concave conformation such as to cooperate in contact with the thread of a respective Archimedean screw (5). Furthermore machine (1) comprises a plurality of thrust assemblies (20) arranged between an end wall (3) of the containment structure (2) and the drainage bed (6; 25) and which are adapted to force the filtering structures (7; 26) into contact with the blades of the Archimedean screws (5).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1604/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : "SECURING APPARATUS TO SUPPORT AND SECURE AN ARTICLE"

(51) International classification :F16G11/04
(31) Priority Document No :0915641.5
(32) Priority Date :08/09/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/001501
Filing Date :10/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)PERRET, Mathias, Henri
4)BACON, Matthew

(57) Abstract :

Securing apparatus (10) comprises a support arrangement (12) to support an article (14) and first and second cooperating arrangements to cooperate with a flexible elongate member (16). At least one of the first and second cooperating arrangements (18, 20) comprises a clamping arrangement (54) to clamp the flexible elongate member in a securing position extending between the first and second cooperating arrangements across the article and thereby secure the article in engagement with the support arrangement.

No. of Pages : 94 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1476/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : USER EQUIPMENT (UE) SESSION NOTIFICATION IN A COLLABORATIVE COMMUNICATION SESSION

(51) International classification :H04L29/06
(31) Priority Document No :61/241,809
(32) Priority Date :11/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/048676
Filing Date :13/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
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Filing Date :NA

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2)JIN Haipeng
3)ATARIUS Roozbeh

(57) Abstract :

A communication system facilitates notification of a controller User Equipment (UE) about the changes of session description in a collaborative session by subscribing to a Session Continuity Controller (SCC) Application Server (AS). First controller UE subscribes to its dialog event package with the SCC AS. Second SCC AS maintains several dialogs with controller UE controllee UE(s) and remote UEs within the collaborative session. Third when there is an updates in the session description of UEs in the collaborative session SCC AS notifies the controller UE about the change in a SIP NOTIFY request that is constructed by having an XML body with a session description element containing the Session Description Protocol (SDP) of all of the controllee UEs and remote UEs including media lines and related information such as as the IP addresses of the UEs.

No. of Pages : 84 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1477/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : RADIO SELECTION IN A MULTI-RADIO DEVICE

(51) International classification :H04W88/06

(31) Priority Document No :61/234,950

(32) Priority Date :18/08/2009

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

(86) International Application No :PCT/US2010/045932

Filing Date :18/08/2010

(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 :

1)WIETFELDT Richard Dominic

2)ZHANG Dong-an

3)CHRISIKOS George

(57) Abstract :

Techniques for supporting communication by a wireless device having a set of radios and supporting a set of applications are described. In an aspect radio selection may be performed based on interference information and additional information to obtain good performance. In one design a plurality of radios available for use on the wireless device may be identified. Interference information indicative of interference between the plurality of radios may be obtained e.g. from an interference database or a converted interference database. Additional information used for radio selection may also be obtained and may include information for communication profiles communication preferences application requirements radio capabilities etc. At least one radio may be selected for use for communication from among the plurality of radios based on the interference information and the additional information.

No. of Pages : 41 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1600/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : ELECTROSURGICAL FORCEPS

(51) International classification	:A61B18/14
(31) Priority Document No	:10 2009 038 171.6
(32) Priority Date	:20/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/004924
Filing Date	:11/08/2010
(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 :

1)DANIEL SCHÃLLER

2)KLAUS FISCHER

3)DIETER HAFNER

(57) Abstract :

The present invention provides electrosurgical forceps for efficiently severing of hollow organs. The electrosurgical forceps have first and second branches for gripping the hollow organ. The forceps have at least one neutral electrode on the second branchÃ at least one first coagulation electrode and a second coagulation electrode that is disposed on the first branch for applying a first HF current by means of the coagulation electrodeÃ and at least one cutting deviceÃ which is arranged between the coagulation electrodes in order to sever the hollow organ in a cutting region. The cutting device is intended to comprise at least one cutting electrode for applying a second HF current by means of the cutting electrode and the neutral electrodeÃ wherein the coagulation electrodes are arranged spaced apart from one another in such a way that the first HF current does not flow through the cutting region.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1626/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHODS AND APPARATUS FOR CONTROLLING DISCONTINUOUS RECEPTION

(51) International classification :H04W52/44

(31) Priority Document No :61/234,074

(32) Priority Date :14/08/2009

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

(86) International Application No :PCT/CA2010/001234

Filing Date :13/08/2010

(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)BORSELLA Remo

2)ARORA Dinesh

(57) Abstract :

Methods and apparatus for controlling discontinuous reception (DRX) in mobile devices are disclosed. An example method for controlling discontinuous reception includes entering a packet transfer modeÂ receiving a network message that indicates that the mobile station is to utilize an optimized DRX modeÂ and entering DRX mode immediately upon leaving packet transfer mode.

No. of Pages : 54 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1512/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ALLOCATING IP ADDRESS

(51) International classification :H04L29/12
(31) Priority Document No :200910250401.1
(32) Priority Date :27/11/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/079085
Filing Date :24/11/2010
(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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518057Â China China

(72)Name of Inventor :

1)Zhiguo CAI

2)Zhenfu ZHAO

3)Yunzhao SHI

(57) Abstract :

The present invention provides a method and system for allocating an IP address. The method comprises: a client supporting Internet Protocol version 4 (IPv4) transmitting a request message to a Dynamical Host Configuration Protocol version 6 (DHCPv6) server to request allocation of an IPv4 addressÂ the request message carrying Identity Association (IA)_IPv4 options; and the DHCPv6 server allocating the IPv4 address to the client according to an address allocation strategy based on the IA-IPv4 options after receiving the request messageÂ and transmitting the allocated IPv4 address to the client. In an IPv4/IPv6 dual protocol stack environmentÂ the present invention allows the system to dynamically configure the IPv4 address flexibly and easily to reduce the dependency of IPv4 services on a DHCPv4 protocol in the dual stack environment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1599/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : "METHODS AND SYSTEMS FOR BILLING COMMUNICATION"

(51) International classification :H04M15/08
(31) Priority Document No :61/234,250
(32) Priority Date :14/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045666
Filing Date :16/08/2010
(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)KAHN ARI

(57) Abstract :

A method implemented at least in part by a computing device that can be used to bill a communication. The method includes terminating a teleservice request at an intermediary node wherein the teleservice request is associated with a sender and a recipient; receiving teleservice content transmitted by the sender wherein the teleservice content is received at no charge to the sender; receiving a request transmitted by the recipient to access the teleservice content wherein receiving the request includes charging a fee; and sending the teleservice content to the recipient. [Figure 1]

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1627/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : MAXIMUM POWER SPECTRAL DENSITY REPORTING IN RESPONSE TO OVERLOAD INDICATIONS

(51) International classification :H04W52/14

(31) Priority Document No :61/235,292

(32) Priority Date :19/08/2009

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

(86) International Application No :PCT/US2010/045818

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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2)DAMNJANOVIC Aleksandar

3)MALLADI Durga Prasad

4)WEI Yongbin

5)BARANY Peter A.

(57) Abstract :

Certain aspects of the present disclosure propose methods for reporting information such as a maximum power spectral density to a serving access point after receiving overload indicators from one or more neighboring access points. The reported information may be multiplexed with other information (e.g. Channel Quality Indicator (CQI) Precoding Matrix Index (PMI) rank indication (RI) or acknowledgement (ACK) / negative acknowledgment (NACK) message for downlink data channel) before transmission to the serving access point. In addition the information may be transmitted in a medium access control (MAC) packet data unit (PDU).

No. of Pages : 33 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1629/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : DIVIDE-BY-TWO INJECTION-LOCKED RING OSCILLATOR CIRCUIT

(51) International classification	:H03B5/12
(31) Priority Document No	:12/553,498
(32) Priority Date	:03/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047877
Filing Date	:03/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)FAGG Russell J.

(57) Abstract :

A frequency divider involves a plurality of Injection-locked Ring Oscillators (ILRO). A first ILRO includes a pair of cross-coupled N-channel transistors, a pair of load resistors, an integrating capacitor, and a current injection circuit. The drain of each transistor is coupled to the gate of the other transistor. Each load resistor couples the drain of each transistor to a circuit voltage source. The integrating capacitor couples the sources of each transistor. The current injection circuit alternately opens and closes a path from the source of each transistor to circuit ground in response to an oscillatory input signal of a first frequency. In response, the voltage state at the drain of each transistor is alternately latched and toggled, generating a differential pair of oscillating signals frequency divided by two. A first and second ILRO driven in antiphase generate two differential output signals in phase quadrature.

No. of Pages : 39 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1598/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : "RADIO ENVIRONMENT SCANNER"

(51) International classification	:H04B1/22
(31) Priority Document No	:12/553,710
(32) Priority Date	:03/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/061346
Filing Date	:04/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)WILHELMSSON Leif
3)PARK Chester
4)SUNDSTRÅM Lars

(57) Abstract :

A device may include a measurement receiver, a communication receiver, and a transmitter. The measurement receiver may include a receiver (RX) down-conversion component to receive an amplified signal from a low-noise amplifier of the communication receiver, selectively receive a signal from a first local oscillator associated with the communication receiver or a second local oscillator associated with the transmitter, and down-convert the amplified signal to baseband using the received signal from the first local oscillator or the second local oscillator. The measurement receiver may further include a delta-sigma analog-to-digital converter (ADC) to provide low quantization noise only for a particular frequency range to be measured, and a control component to configure the delta-sigma ADC to provide the low quantization noise at the particular frequency range.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1620/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : "TREATMENT OF OIL"

(51) International classification :C09K8/588

(31) Priority Document No :0914839.6

(32) Priority Date :26/08/2010

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

(86) International Application No :PCT/GB2010/051392

Filing Date :24/08/2010

(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)FLETCHER Philip

2)FORSYTH Jeffrey

(57) Abstract :

A method of treating crude oil which comprises contacting the oil with a treatment fluid formulation comprising a polymeric material which comprises vinylalcohol repeat units wherein said polymeric material is of a type which has a weight average molecular weight in the range 5 000 to 50 000 and/or wherein the viscosity of a 4wt% aqueous solution of the polymeric material at 20°C is in the range 1.5-7cP. The oil may be contacted with the treatment fluid formulation underground by for example injection of the fluid formulation into an injection well or production well and the mobility of the oil contacted thereby is significantly improved.

No. of Pages : 23 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1621/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : "CHAMBER INCLUDING A SEALED CONNECTION ASSEMBLY SLIDING INSIDE A TRANSLATION PLANE"

(51) International classification :F16J15/32
(31) Priority Document No :0955764
(32) Priority Date :24/08/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/051649
Filing Date :04/08/2010
(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 :
1)ROUSSEL Eric

(57) Abstract :

The invention relates to a chamber including a sealed connection assembly sliding inside a translation plane (P) having two rigid parts (1, 2) one of which comprises a groove (G). A planar seal (3) and at least one O-ring seal (4, 5) are positioned in the groove with the O-ring seal under the planar seal. An active surface (S3) of the planar seal which projects above the groove is compressed against a planar bearing surface (S2) of the other rigid part. The chamber can be used in a device for applying a plastic film onto a spectacle lens in order to move the lens inside a variable-pressure space. [Figure 2]

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1623/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : PROPELLING TOOL

(51) International classification :B08B9/049
(31) Priority Document No :09166428.4
(32) Priority Date :27/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/060776
Filing Date :26/07/2010
(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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Denmark Denmark

(72)Name of Inventor :

1)HALLUNDBÅKÅ JÅrgen

(57) Abstract :

The present invention relates to a propelling tool (1) enabling a forward drive for operation in a pipeline (3)Å a casingÅ a wellÅ or any other cavity. The propelling tool comprises a supply tubing (4) containing the supply fluidÅ a housing (5) connected to the supply tubing having a supply inlet (6) provided in the rear end of the housing for supplying pressurised supply fluid from the supply tubingÅ a supply outlet (7) provided in the rear end of the housing for ejection of the supply fluidÅ a suction inlet (8) provided in the front end for an intake of cavity fluid surrounding the tool into the housingÅ and a suction outlet (9) provided in the rear end for an outlet of cavity fluidÅ and a pump (10) for suction of cavity fluid in through the suction inlet and out through the suction outlet.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2615/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :07/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : A METHOD OF CONTROLLING LIGHT INTENSITY DURING EMERGENCY EVACUATION AND A SYSTEM THEREOF

(51) International classification	:F21S	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VIGNANI SOLUTIONS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :93/A 4th B Cross 5th Block
(33) Name of priority country	:NA	Koramangala Industrial Area Bangalore 560095
(86) International Application No	:NA	Karnataka India. Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)APOORVA RUPAREL
(61) Patent of Addition to Application Number	:NA	2)AKSHAY DAVASAM RAMAKRISHNA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A light panel (10) for emergency evacuation runs on fixed time stamp method, where the lights runs at 50% intensity for first 30 minutes, for next 30 minutes with 25 % intensity and finally sensor based real time triggering is enabled, where only with the detection of any kind of movement in the environment the light panel is turned on. The system is power by a back up battery (05) which gets activated once it senses total power shut down. The system is also equipped with dead battery indication system which aids for its proper maintenance. The system is designed such that is can support a large variation of LED lighting panels. Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1630/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHODS FOR DETERMINING RECONSTRUCTION WEIGHTS IN A MIMO SYSTEM WITH SUCCESSIVE INTERFERENCE CANCELLATION

(51) International classification :H04B7/04
(31) Priority Document No :12/547,952
(32) Priority Date :26/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045221
Filing Date :11/08/2010
(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 :**
1)MERGEN Gokhan
2)RAO Subramanya P.
3)SIDI Jonathan

(57) Abstract :

Certain aspects provide a method for determining decoding order and reconstruction weights for decoded streams to be cancelled in a MIMO system with successive interference cancellation based on estimates of the channel characteristics the received composite signal and parameters of the system.

No. of Pages : 40 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1631/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHODS FOR DETERMINING DECODING ORDER IN A MIMO SYSTEM WITH SUCCESSIVE INTERFERENCE CANCELLATION

(51) International classification :H04B1/707

(31) Priority Document No :12/547,922

(32) Priority Date :26/08/2009

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

(86) International Application No :PCT/US2010/045217

Filing Date :11/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)RAO Subramanya P.

3)SIDI Jonathan

(57) Abstract :

Certain aspects provide a method for determining decoding order and reconstruction weights for decoded streams to be cancelled in a MIMO system with successive interference cancellation based on estimates of the channel characteristics the received composite signal and parameters of the system.

No. of Pages : 45 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2632/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :08/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ADAPTIVE CONTENT SUMMARIZATION

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HEWLETT-PACKARD DEVELOPMENT COMPANYÂ
(32) Priority Date	:NA	L.P.
(33) Name of priority country	:NA	Address of Applicant :11445 Compaq Center Drive West
(86) International Application No	:NA	HoustonÂ TX 77070 USA U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Yogesh SANKARASUBRAMANIAM
(61) Patent of Addition to Application Number	:NA	2)Krishnan RAMANATHAN
Filing Date	:NA	3)Anbumani SUBRAMANIAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method for adaptive content summarization is disclosed. In one embodiment, a summary size of content is computed based on a usability cost function and an information loss function. Further, a summary of the content is extracted based on the summary size. Furthermore, the extracted summary is displayed on a display device. (FIG. 1)

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2648/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MOBILE DESKTOP SHARING

(51) International classification	:H04W	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Nokia Corporation
(32) Priority Date	:NA	Address of Applicant :Keilalahdentie 4Â FI-02150 Espoo
(33) Name of priority country	:NA	Finland. Finland
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PATIL Yashwant Vishnu
(87) 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 approach is provided for providing access to a user interface of a mobile device. At least a portion of a user interface of a mobile device is determined. It is determined to transmit the portion to a service. The service provides access to the mobile device based, at least in part, on the portion.

No. of Pages : 43 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2678/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : A NIPPER GAUGE SETTING APPARATUS

(51) International classification

:D01G

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(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)VELUSAMY LAKSHMANA NARAYANASAMY

(57) Abstract :

The present invention relates to a nipper gauge setting apparatus used in a textile combing machine. Said nipper gauge setting apparatus comprising a nipper shaft (6); a setting bar (11) firmly held at an end of the nipper shaft (6) through at least one fastening means (12); wherein the said apparatus is provided with at least one differential screw arrangement. In one embodiment, this is accomplished by a first self aligning member (13) has internal thread for adopting threads of a first screw means (14) of a stud member (15), wherein the first self aligning member is hinged on one side of the setting bar (11) apart from the axis of fastening means (12); and a second self aligning member (17) has internal thread for adopting threads of a second self screw means of other side of a stud member, wherein the second self aligning member is screwed into the threads to hinge on a slit bracket (9b), wherein through the nipper gauge setting, for one full revolution of the stud member, the stud member moves a predetermined distance with respect to the second self aligning member (17), and for the same revolution of first screw means (14) the first self aligning member (13) moves a predetermined distance relatively. Figure 3

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2682/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : NUMBER PLATE ILLUMINATOR TWO WHEELERS

(51) International classification

:B60Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TVS MOTOR COMPANY LIMITED

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

(72)Name of Inventor :

1)RUPESH ARVINDAKSHAN

2)DORAISAMY SHANMUGASUNDARAM

3)ELIAS CHOTHIRAKUNNIL ABRAHAM

(57) Abstract :

A front number plate illuminator for a two wheeler is provided with a headlamp housing for illuminating an area of a road surface forwardly of the two wheeler; at least two reflector chamber inside the headlamp housing; a headlight located in one reflector chamber; and at least two pilot lamp located in another reflector chamber, wherein a clear lens is provided between pilot lamp and the front number plate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1632/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SPECTRUM CONFIGURATION METHOD SYSTEM BASE STATION AND USER EQUIPMENT

(51) International classification :H04W 6/38
(31) Priority Document No :200910165222.8
(32) Priority Date :13/08/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/075830
Filing Date :10/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Huawei Technologies Co.Â Ltd.
Address of Applicant :Huawei Administration BuildingÂ
BantianÂ Longgang DistrictÂ ShenzhenÂ Guangdong
518129Â P.R. China. China
(72)Name of Inventor :
1)XING Pingping
2)HUANG Min
3)TANG Zhenfei

(57) Abstract :

Embodiments of the present invention disclose a spectrum configuration method, system, a base station and a user equipment. The spectrum configuration method includes: sending an instruction message to a user equipment to implicitly or explicitly notify a preset time point of switching to the user equipment, where the instruction message includes an updated carrier parameter, so that the user equipment is synchronized to a serving cell that uses the updated carrier parameter after the preset time point of switching; performing switching at the preset time point of switching, so that a serving cell of the user equipment uses the updated carrier parameter. The embodiments of the present invention implement dynamic configuration of the bandwidth and center frequency in the LTE system, and avoid the problems in the spectrum configuration process of the LTE that the user equipment drops a call or fails to find a serving cell, and improve the quality of service.

No. of Pages : 29 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1634/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : RELIABLE INTER-RADIO ACCESS TECHNOLOGY CORE NETWORK TUNNEL

(51) International classification :H04L29/14

(31) Priority Document No :61/234,951

(32) Priority Date :18/08/2009

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

(86) International Application No :PCT/US2010/045916

Filing Date :18/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
USA, U.S.A.

(72)Name of Inventor :

1)SARANU Shivanarayan

2)SHIROTA Masakazu

3)OTTE Kurt W.

(57) Abstract :

A method of a mobile switching center includes determining if a message belongs to a first set of messages or a second set of messages filtering the message when the message belongs to the first set of messages and sending the message when the message belongs to the second set of messages. A method of an interworking solution includes receiving a message from an apparatus determining if the message belongs to a first set of messages or a second set of messages and discarding the message when the message belongs to the first set of messages. The first set of messages are 1x native messages unsupported for tunneling to a user equipment and the second set of messages are 1x native messages supported for tunneling to the user equipment for circuit switch fallback procedures.

No. of Pages : 56 No. of Claims : 80

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2646/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD OF JOINING DISSIMILAR MATERIALS

(51) International classification

:B23K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)National Institute of Technology Tiruchirappalli

Address of Applicant :Tanjore Main Road National Highway 67 Tiruchirappalli - 620015 Tamil Nadu India

(72)Name of Inventor :

1)Dr. S. Muthukumaran

(57) Abstract :

A method of joining dissimilar materials is disclosed. In one embodiment, a method of joining a first member and a second member of dissimilar materials includes assembling a first member and a plate member, and joining the first member and a plate member using a tool, where the joint is formed by mechanical interlocking between the first member and the plate member. The method further includes welding the plate member with the second member. Figure 1F

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2683/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : COMBINED BRAKING SYSTEM

(51) International classification	:B60T	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES, NO.
(33) Name of priority country	:NA	29(OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006. Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)ASHISH DUBEY
(61) Patent of Addition to Application Number	:NA	2)SHANMUGAM MOHAN
Filing Date	:NA	3)RENGARAJAN BABU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A combined brake system for a two wheeler is provided with one input cable and two output cable, where one output cable actuates a rear brake and the other output cable actuates a front brake. The output cables are provided in mutually opposite directions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2684/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : MAGNETIC CAROM

(51) International classification	:A63F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GORUR NARAYANA SRINIVASA PRASANNA
(32) Priority Date	:NA	Address of Applicant :NO.7, SRI RAMA KRUPA, 2ND
(33) Name of priority country	:NA	MAIN, SRIKANTAN LAYOUT, HIGH GROUNDS,
(86) International Application No	:NA	BANGALORE - 560 001 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GORUR NARAYANA SRINIVASA PRASANNA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A carom or other board offers an ideally frictionless platform for the motion of objects (striker/carom-men), and controlling the motion of these objects to put them in the pockets is the challenge in the game. Our variant introduces strikers, carom-men or coins made of different materials, magnetized and non magnetized, together with magnetized/non-magnetized boards, along with set of "fun rules" (Experiments) to teach kids about basics of physics and mathematics - Newton's laws, electromagnetism, etc, while they enjoy playing the game. Figure 18

No. of Pages : 56 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2615/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/07/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : TUYERE STOCK

(51) International classification

:C21B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SAB S.A.R.L

Address of Applicant :ZONE INDUSTRIELLE "AM
POTASCHBERG", 6776 GREVENMACHER Luxembourg

(72)Name of Inventor :

1)KRATZ, MARIO

2)SCHWEICH, ROBERT

3)WENER, MARCEL

(57) Abstract :

The invention relates to a tuyere stock for introduction of hot blast into a shaft furnace, more particularly into a blast-furnace, said tuyere stock being comprised of at least one articulated compensator (15), one nozzle elbow (3) as well as one nozzle tip (1), each comprised of a metallic exterior structure (5) which at its inside facing the hot blast is provided with a refractory interior lining (6), wherein the articulated compensator (15) is connected with one end to the nozzle elbow (3) and can be connected with the other end to a hot blast ring main To provide a tuyere stock by means of which a reduction of the general operating costs of a shaft furnace is possible, apart from the far-reaching reduction in the consumption of energy required for the production of pig iron, the present invention proposes that the tuyere stock is comprised of at least one thermal insulation element (7) arranged at least in a partial area between the metallic exterior structure (5) and the refractory interior lining (6) of the articulated compensator (15), nozzle elbow (3) and/or nozzle tip (1), said thermal insulation element being comprised of a highly temperature-resistant thermal insulation material embedded into a sheathing, wherein the sheathing by and large dissolves itself during the intended use of the tuyere stock. (Figur 1a)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2616/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/07/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : THIRD EYE SYSTEM

(51) International classification	:B60R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)K. RAMESH KUMAR
(32) Priority Date	:NA	Address of Applicant :H.NO: 15-99/2, ISKABAVI
(33) Name of priority country	:NA	VANDANAPURI COLONY, R.C. PURAM, PATANCHERU,
(86) International Application No	:NA	HYDERABAD - 502 032 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)K. RAMESH KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention provides a solution for problems occurs in our absence and to monitor, alert in case of thefts in the form of cheapest and simplest way. This kit can be used by common people, can monitor their facilities even when they are miles away from their facilities and can catch the thieves by altering nearest police station or neighbors. If not possible, at least they can avoid the theft by buzzing an alarm at their facilities from the places where they are. If this is fixed in high valued automobiles like cars, in case of theft, the user can switch off the ignition, lock the doors and in worst case, they can be traced out even after theft. This system requires no highly advanced kit like Computers and laptops, no computer literates, no servers, no internet connection. All that required is a 3G compatible mobile phone.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2635/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : BALANCED THREAD CREATION AND TASK ALLOCATION

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)HEWLETT-PACKARD DEVELOPMENT COMPANYÂ
L.P.**

Address of Applicant :11445 Compaq Center Drive West
HoustonÂ TX 77070 USA U.S.A.

(72)Name of Inventor :

1)Nadig S. Srinath

(57) Abstract :

Methods for balancing thread creation and task scheduling are provided for predictable tasks. A list of tasks is sorted according to a predicted completion time for each task. Then tasks are assigned to threads in order of total predicted completion time, and the threads are scheduled to execute the tasks assigned to the threads on a processor. [Fig. 1]

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2688/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :06/05/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : HETEROCYCLIC DERIVATIVES

(51) International classification	:C07D495/04, A61K31/519, A61P25/18
(31) Priority Document No	:07120603.1
(32) Priority Date	:13/11/2007
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2008/065306
Filing Date	:11/11/2008
(87) International Publication No	:WO 2009/062930 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)N.V. ORGANON

Address of Applicant :PO BOX 20, BH OSS, NL-5340
Netherlands

(72)Name of Inventor :

1)GALLAGHER, MICHAEL GERARD

2)JAMIESON, CRAIG

3)LYONS, AMANDA JANE

4)MACLEAN, JOHN KINNAIRD FERGUSON

5)MOIR, ELIZABETH MARGARET

(57) Abstract :

The present invention relates to a heterocyclic derivative according to formula (I) wherein the variables are defined as in the specification, or to a pharmaceutically acceptable salt or solvate thereof. The present invention also relates to a pharmaceutical composition comprising said heterocyclic derivatives and to their use in therapy, for instance in the treatment or prevention of psychiatric diseases where an enhancement of synaptic responses mediated by AMPA receptors is required, including schizophrenia, depression and learning and memory disorders such as Alzheimer's disease.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2621/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/07/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : INTELLIGENT CAPACITOR FOR POWER FACTOR CORRECTION

(51) International classification	:G05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:NA	RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BARKI, SHRINIVAS
(87) International Publication No	: NA	2)AWANTI, GIRISH
(61) Patent of Addition to Application Number	:NA	3)VISAKANTAIAH, DHANANJAYA
Filing Date	:NA	4)SHARMA, ATUL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An intelligent capacitor (100) configured to be used for power factor correction in electrical network is disclosed. The intelligent capacitor includes a pressure sensor (204) and a temperature sensor (202) for sensing pressure and temperature on it. A control unit (206) monitors the sensed pressure and the sensed temperature. A pressure indicator (210) indicates level of performance of the intelligent capacitor in real time based on a predetermined threshold pressure value. A decision unit (208) determines health status of the intelligent capacitor based on an ageing curve. A health status indicator (212) indicates the determined health status of the intelligent capacitor in real time. FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2622/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/07/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : COMBINED COOLING AND POWER SYSTEM

(51) International classification

:F01K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)VELLORE INSTITUTE OF TECHNOLOGY

Address of Applicant :VIT UNIVERSITY, VELLORE - 632
014 Tamil Nadu India

(72)Name of Inventor :

1)SRINIVASAN, TANGELLAPALLI

(57) Abstract :

The present subject matter relates to a combined cooling and power system. The system includes a Variable Absorption Refrigeration (VAR) cooling system, a Kalina power system connected to the VAR cooling system, and a control device (107) connected to said VAR cooling system and said Kalina power system. According to the present subject matter, the control device (107) is configured to provide a variable differential flow of a working fluid to said VAR cooling system and said Kalina power system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.264/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : MOVABLE OBJECT PROXIMITY WARNING SYSTEM

(51) International classification :G08G1/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CH2009/000200
Filing Date :12/06/2009
(87) International Publication No :WO 2010/142046 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)SAFEMINE AG
Address of Applicant :BAHNHOFSTRASSE 52, 6430,
SCHWYZ Switzerland
(72)Name of Inventor :
1)ROTHACHER, URS, MARTIN
2)STEGMAIER, PETER, ARNOLD

(57) Abstract :

Vehicles and other objects (4a, 4b, 4c, 5, 6, 7, 8) in a surface mine (1) are equipped with monitoring devices (12) that communicate by radio in order to detect the risk of collisions. The devices (12) are equipped with GNSS-receivers (15). At least one of the objects (4a, 4b, 4c) has two devices (12a, 12b) mounted to it. Each of the two devices (12a, 12b) determines its position independently, which in turn allows to determine not only the position, but also the orientation, of the object.

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2655/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :13/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : APPARATUS THAT ANALYSES ATTRIBUTES OF DIVERSE MACHINE TYPES AND TECHNICALLY UPGRADES PERFORMANCE BY APPLYING OPERATIONAL INTELLIGENCE AND THE PROCESS THEREFOR

(51) International classification	:G06Q, G06F	(71) Name of Applicant : 1)MANUFACTURING SYSTEM INSIGHTS (INDIA) PVT. LTD
(31) Priority Document No	:NA	Address of Applicant :235 1A&2C, VENGAIVASAL MAIN
(32) Priority Date	:NA	ROAD, MADAMBAKKAM POST, SELAIYUR, CHENNAI -
(33) Name of priority country	:NA	600 073 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ATHULAN VIJAYARAGHAVAN
(87) International Publication No	: NA	2)WILLIAM SOBEL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a computerised system of control, management and optimisation for machine tools, operational data thereof is compared/matched with historical data in realtime. Historical and contemporary operation data of the same and/or other machines, including machines of other species is harvested and housed in a central data warehouse that is continuously updated. Operation data, and patterns thereof, of non-invasive attributes of the target machine(s) are compared/matched with the warehoused data by multi-variate analysis, thresholding and symbolic and non-symbolic pattern matching to generate control inputs and metrics for performance evaluation, performance upgrade such as of legacy machines and for status evaluation with regard to health(maintenance), risk/safety and environmental impacts thereof. Preferably, the power attributes of voltage, amperage, wattage and power factor together with compressed air and coolant flow rates are monitored. Methods of operating data processing/transformation are disclosed. The system can be applied to other machines and processes.

No. of Pages : 96 No. of Claims : 71

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2744/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :20/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : STRAIN AND TEMPERATURE DISCRIMINATION USING FIBER BRAGG GRATINGS IN A CROSS-WIRE CONFIGURATION

(51) International classification	:G02B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF SCIENCE
(32) Priority Date	:NA	Address of Applicant :Bangalore - 560012 Karnataka
(33) Name of priority country	:NA	India Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Sundarrajan ASOKAN
(87) International Publication No	: NA	2)Kalaga Venu MADHAV
(61) Patent of Addition to Application Number	:NA	3)Aashia RAHMAN
Filing Date	:NA	4)Balaji SRINIVASAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fiber Bragg grating cross-wire sensor may be used to independently determine strain and temperature variation. An example fiber Bragg grating cross-wire sensor comprises a first fiber Bragg grating (FBG) that reflects a first percentage, R1, of light of a first wavelength, λ_1 , and a second FBG that reflects a second percentage, R2, of light of a second wavelength, λ_2 . The second FBG is positioned orthogonal to the first FBG, and λ_1 is substantially equal to λ_2 , but R1 is different from R2. As the FBG cross-wire sensor experiences a strain and/or a temperature variation, the wavelengths of light reflected by the first FBG and the second FBG will shift from the first and second wavelength, λ_1 and λ_2 , to first and second shifted wavelengths, λ_A and λ_T , respectively. Based on R1, R2, λ_1 , λ_A , and λ_T , the strain and/or the temperature variation may be independently determined.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2746/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :21/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : AIR FILTER ASSEMBLY

(51) International classification

:F02B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)M/S. TVS MOTOR COMPANY LIMITED

Address of Applicant :NO.29, HADDOWS ROAD,
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(72)Name of Inventor :

1)MR. MALUVADU SUNDARAMAN ANAND KUMAR

2)MR. VETHANAYAGAM JAYAJOTHI JOHNSON

3)MR. KOTHURU NARAYANA HARSHA

(57) Abstract :

The present invention relates to a novel construction and positioning of air intake 15 of the air filter 12 and more particularly to the arrangement of air and water separation means in form of an opening 24 in the tubular structured air intake 15 inside the air filter casting 17, which allows the separation of air and water from the strong intake flow. Figure 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2747/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :21/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : HEAT DISCHARGING ASSEMBLY

(51) International classification

:B60H

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)M/S. TVS MOTOR COMPANY LIMITED

Address of Applicant :NO.29, HADDOWS ROAD,
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(72)Name of Inventor :

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2)MR. LOKESH BHARDWAJ

3)MR. BALAGURU SRIDHAR

4)MR. VEDHANAYAGAM JAYAJOTHI JOHNSON

(57) Abstract :

Main objective of the present invention is to address the problem of positioning the heat discharging assembly in a two-wheeled vehicle. This invention provides a heat-discharging member positioned over the front fork, more specifically located above the front fender and below the headlamp. Air trapping and deflection of air towards heat discharging member is done by air deflector.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2759/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :21/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : POLYMORPHS OF (3R, 5S, 6E)-7-[4- (4-FLUORO - PHENYL)-6-ISOPROPYL-2-(METHANESULFONYL-METHYL-AMINO)-PYRIMIDIN-5-YL)VINYL)-2,2-DIMETHYL -1,3-DIOXAN-4-YL) ACETIC ACID CALCIUM SALT

(51) International classification	:a61k31/33, 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)BIOCON LIMITED

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India

(72)Name of Inventor :

1)SRINIVAS PULLELA VENKATA

2)ANEGONDI SREENIVASA PRASAD

3)THANGARASU PONNUSAMY

4)RAJAT CHAUDHARY

(57) Abstract :

The present disclosure relates to crystalline forms and amorphous form of Rosuvastatin Acetonide Calcium which is known by chemical name (3R,5S,6E)- 7 - [4- (4-Fluoro- phenyl) -6-isopropyl-2-(methanesulfonyl- methyl-amino) - pyrimidin-5-yl) vinyl)-2,2-dimethyl-1,3-dioxan-4-yl) acetic acid calcium salt. The disclosure also provides a process for obtaining the same.

No. of Pages : 30 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2778/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :23/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : FRAME FOR TWO WHEELER

(51) International classification

:B62D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)M/S TVS MOTOR COMPANY LIMITED

Address of Applicant :NO. 29, HADDOWS ROAD,
CHENNAI - 600 006 Tamil Nadu India

(72)Name of Inventor :

1)MR. AMIT JAIN

2)MR. SAHARASH KHARE

3)MR. MOHAN GANGADURAI

4)MR. RENGARAJAN BABU

(57) Abstract :

The present invention relates to a novel construction of a frame for a two wheeler where the main tube 2 is connected to steering tube at one end whose other end is connected to torsion box 8. We can avoid the need of gusset at steering tube - main tube joint, gusset at the bend, additional bracket to mount toggle link. Claimed construction of the torsion box 8 will lead to reduction in the part count resulting in ease of manufacturing the vehicle-Figure 4

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2792/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : REDUCTION OF METAL OXIDE ORES IN PRESENCE OF NANO PARTICULAR ALUMINIUM OR MAGNESIUM WITH SPECIFIED HIGH INTENSITY FLASH IN HYDROGEN ENVIRONMENT

(51) International classification	:C22C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DAMULURI PREM CHAKRAVARTHY,
(32) Priority Date	:NA	Address of Applicant :108-B, I.D.A. KHANAPURAM,
(33) Name of priority country	:NA	KHAMMAM, PIN - 507 002. Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DAMULURI PREM CHAKRAVARTHY,
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this method of invention both ferrous and non-ferrous metal oxides and non-metal oxides are finely grounded to give fine particles. They are mixed with metals like aluminum, magnesium in nano powder form. This material will be taken in a reactor where ultra bright xenon flashes are flashed to ignite metal powder introduced. Due to high ignition temperatures generated, hydrogen gas released through palladium grid will reduce the metal and non-metallic oxides to their respective pure forms. This method can replace present practices of high pollution generating coal, coke or gas reduction procedures in industry to win carbon credits for the users, and can be treated as green reduction technology.

No. of Pages : 5 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2793/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : LIQUIFICATION AND SOLIDIFICATION OF OZONE GAS

(51) International classification

:C01B13/00

(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)KUNAM. SASIDHAR REDDY

Address of Applicant :108-B, I.D.A. KHANAPURAM,
KHAMMAM,PIN - 507 002. Andhra Pradesh India

(72)Name of Inventor :

1)KUNAM. SASIDHAR REDDY

(57) Abstract :

In this method of invention air filtered through HEPA medium followed by zeolite mixture bed which absorbs nitrogen gas is used to produce pure oxygen required for manufacturing of ozone. This oxygen undergoes silent electric discharge to produce ozone. This ozone is cooled using liquid nitrogen columns so that ozone gas undergoes compression and gets cooled. This method of compression continues in 8 different stages to produce liquid ozone. Further stages of compression of liquid ozone in the presence of liquid nitrogen and liquid helium gives solid ozone. This condensed ozone in both liquid and solid states can be canned in special containers which can sustain the pressure and takes care of high inflammable nature of ozone. This can be used in multiple walks of industry where ozone finds its applications. This technique can be employed not only for ozone but also for similar kind of any other gases or materials to be stored under super cooling.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2716/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :16/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : ELECTRONIC TANK LORRY SECURITY SYSTEM USING PADLOCKS

(51) International classification	:H04L, E05B	(71) Name of Applicant : 1)N.RANGASWAMY
(31) Priority Document No	:NA	Address of Applicant :NO. 100, WEST SAMBANDAM
(32) Priority Date	:NA	ROAD, R.S.PURAM, COIMBATORE-641 002. Tamil Nadu
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)N.RANGASWAMY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a locking system, more specifically to an online electronic tank lorry security system, wherein the key used in security of the system is continuously monitored and controlled for usage based on security authorization. Moreover the present invention relates to the safe and secured system that has flexibility and complete audit trail on performance for transportation and delivery. The system comprising one or more padlocks, electronic key box, portable mobile device, TCP Listener, global positioning system, wired or wireless communication means and central server, wherein every padlock has a unique identity. One unique key can open one or more padlocks in the system. The portable mobile device sends authenticated electronic identity to the electronic key box which on receiving permits the release of the key.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2732/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :17/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF 5-HYDROXYPROLINE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATSOL LABORATORIES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :FLAT #101, SURABHI LOTUS,
(33) Name of priority country	:NA	NEAR IMAGE HOSPITALS, AMEERPET, HYDERABAD-500
(86) International Application No	:NA	016. Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GOTTUMUKKALA, VENKATA SUBBARAJU
(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 process for preparing protected 5-hydroxyproline which comprises the following steps a) dissolving N-alkoxycarbonyl /acyl protected L-pyroglutamic acid ester in methanol and cooling to -30Â°C to 0Â°C; b) adding 0.5-5.0 mole ratio of sodium borohydride at a temperature of -30Â°C to 0Â°C; c) treating the reaction mixture with aqueous NaHC03 solution; d) isolating protected 5-hydroxyproline, by extracting with organic solvent and removing the solvent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2748/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :21/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : IMPROVED PROCESSES FOR PREPARING DIMEBOLIN INTERMEDIATES

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ACTAVIS GROUP PTC EHF
(32) Priority Date	:NA	Address of Applicant :REYKJAVIKURVEGI 76-78, 220,
(33) Name of priority country	:NA	HAFNARFJOROUR Ice Land
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SONNY SEBASTIAN
(87) International Publication No	: NA	2)CHALLA KRISHNA
(61) Patent of Addition to Application Number	:NA	3)KATIKAREDDY RAMAMURTHY
Filing Date	:NA	4)NITIN SHARADCHANDRA PRADHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided herein is an improved, commercially viable and industrially advantageous processes for the preparation of substantially pure dimebolin intermediates, 2-methyl-5-vinylpyridine, 2-(6-methylpyridin-3-yl)ethanol and its derivatives, and salts thereof. The intermediates are useful for preparing dimebolin, or a pharmaceutically acceptable salt thereof, in high yield and purity.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2781/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :23/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : SECONDARY INFORMATION DEVICE

(51) International classification	:B60Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :â€œJAYALAKSHMI ESTATESâ€œ
(33) Name of priority country	:NA	NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHANDAN MANDIKAL RAGHURAM
(61) Patent of Addition to Application Number	:NA	2)PRASAD RAGHAVENDRA
Filing Date	:NA	3)MEGHASHYAM LAXMAN DIGHOLE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A motorcycle having a primary display unit, comprising in combination: a headlamp housing front to which a visor is mounted; and a headlamp housing rear to which said primary display unit is mounted; wherein a secondary information device is disposed in the space between the said visor and the said primary display unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2795/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : MANUFACTURE OF ELECTROLUMINESCENT LIGHT EMITTING DIODES(LED'S) RUN BY ALTERNATING CURRENT (AC)

(51) International classification	:H05B, F21S	(71) Name of Applicant : 1)EESAVYASA TECHNOLOGIES PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :108-B, I.D.A. KHANAPURAM,
(32) Priority Date	:NA	KHAMMAM, PIN - 507 002. Andhra Pradesh India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)DAMULURI PREM CHAKRAVARTHY
Filing Date	:NA	2)KUNAM SASIDHAR REDDY
(87) International Publication No	: NA	3)JINUGA PREETHAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this method of invention, electroluminescent materials of various combinations, which emit different colors, are used to produce Light Emitting Diodes (LED'S). LED chips are prepared by keeping the metal salts like Zinc sulphide doped with metal impurities in between two plates of a capacitor made up of copper. The upper plate consists of an opening, to transmit the light out through an acrylic or plastic transparent body. This opening is filled with translucent, conductive glue like cyanoacrilate mixed with graphite powder. This type of LEDs find innumerable applications as indicators, display lights, signal lights etc., due to their high compatibility to glow with normal Alternate current source without any external circuitry.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2709/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :16/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : ARTICLE LOCKING TO A MOTORCYCLE

(51) International classification	:B62H	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant : "JAYALAKSHMI ESTATES",
(33) Name of priority country	:NA	NO.29(OLD NO.8) HADDOWS ROAD, CHENNAI -600 006.
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)SUNIL KUMAR CHIPPA
(61) Patent of Addition to Application Number	:NA	2)SAMRAJ JABEZ DHINAGAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An article locking device for a two wheeler is provided with a cable; a spring surrounding the cable; a hook attached to one end of the cable; and a plate attached to other end of the cable; wherein the above combination is housed within a casing.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2722/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :17/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : PREPARATION OF RIVASTIGMINE AND ITS SALTS

(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)Dr Reddys Laboratories Limited

Address of Applicant :7-1-27th Ameerpetth Hyderabadth
Andhra Pradeshth India Andhra Pradesh India

2)Dr.Reddyths Laboratories Inc.

(72)Name of Inventor :

1)Vilas H. Dahanukar

2)Madarapu Srinivasa Rao

3)Telagam setty Bhaskar Kumar

4)Gaddam Dhananjaya

5)Gattepally Swetha

6)Damalanka Vishnu Chakradhari

7)Dr. Graham Meek

(57) Abstract :

The present invention relates to a process for the preparation of rivastigmine and pharmaceutical salts thereof. The present invention also relates to a Dutch resolution process of rivastigmine

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2742/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :20/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : BIO POLYMER COMPOSITION

(51) International classification	:C08J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR.RUCKMANI KANDASAMY
(32) Priority Date	:NA	Address of Applicant :51, MADAVAN SALAI, K.K.
(33) Name of priority country	:NA	NAGAR, TIRUCHIRAPPALLI - 620 021 Tamil Nadu India
(86) International Application No	:NA	2)MS.NILANI PACKIANATHAN
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR.RUCKMANI KANDASAMY
(61) Patent of Addition to Application Number	:NA	2)MS. NILANI PACKIANATHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Biodegradable polymers are a newly emerging field. Environmental pollution by synthetic and animal based polymers has assumed dangerous proportions. Considering the hazards of conventional plastics it is necessary for us to go for plant based biopolymers which are easily biodegradable and also minimizes the usage of synthetic polymers. An attempt had been made by us to formulate and to evaluate a plant based eco friendly biopolymer incorporating mucilage from the leaves of Hibiscus rosa sinensis, an acidic polysaccharide with natural pectin as a plasticizer. The mucilage was isolated from the leaves of Hibiscus rosa sinensis and the mucilage (2%) was mixed with pectin (2%) isolated from the ripped fruits of -Cythomandra betacea. This natural polymer mixture was treated with 2% polyvinyl alcohol to form a Polysaccharide based biopolymer film. This biopolymer film was subjected to physicochemical evaluation and biodegradation studies. Disintegration and Dissolution test for developed plant based biopolymer film compiled with the pharmacopeia standards. The plant based biopolymer also showed good filmogenecity; dissolution and disintegration rate comparable with ha gelatin film which suggests that the biopolymer under study is a suitable alternative to gelatin and synthetic polymers. A Biodegradation study of the developed polysaccharide based biopolymer film was equivalent to that of polyvinyl alcohol (PVA) film. The developed plant based biopolymer containing mucilage, pectin and PVA in the ratio 2:2:2 was found to be more economical in cost when compared to synthetic PVA film. Apart from being useful as a carrier in novel drug delivery system and as a substitute for gelatin capsule shell, this biodegradable ecofriendly plant based polymer can meet the dynamic processes of bone healing and healing burns. Skin substitutes, wound dressings and culture media for growing cells and tissue cultures in vivo can also be developed in future with the slight alteration in the composition of this eco friendly bio polymer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2751/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :21/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : NEW SALTS OF VARENICLINE AND IMPROVED PROCESS FOR THE PREPARATION OF VARENCILNE

(51) International classification	:A61K31/33, C07D	(71) Name of Applicant : 1)AUROBINDO PHARMA LTD Address of Applicant :PLOT NO.2, MAITRIVIHAR, AMEERPET, HYDERABAD-500 038. Andhra Pradesh India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SUKUMAR NANDI
(33) Name of priority country	:NA	2)ANANTA RANI
(86) International Application No	:NA	3)GONA BALANARASIMHA REDDY
Filing Date	:NA	4)AKKINA NARESH
(87) International Publication No	: NA	5)KOILPILLAI JOSEPH PRABAHAR
(61) Patent of Addition to Application Number	:NA	6)MEENAKSHISUNDERAM SIVAKUMARAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel pharmaceutically acceptable salts selected from benzoate and 4-aminosalicylate salts of 7,8,9,10-tetrahydro-6,10-methano-6H-pyrazino[2,3-h][3]- benzazepine (Varenicline) of Formulae I and II. Formula I Formula II

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2800/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : THERMO-ELECTRIC DEVICES WITHOUT SEMICONDUCTOR PELTIER CHIPS

(51) International classification

:H01L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)EESAVYASA TECHNOLOGIES PVT. LTD.

Address of Applicant :108-B, I.D.A. KHANAPURAM,
KHAMMAM, PIN - 507 002. Andhra Pradesh India

(72)Name of Inventor :

1)DAMULURI PREM CHAKRAVARTHY

2)KUNAM SASIDHAR REDDY

3)JINUGA PREETHAM

(57) Abstract :

In this method of invention, instead of using n-type and p-type bismuth telluride or antimony telluride semiconductor chips, specially made bismuth and antimony ingots are thermo coupled to produce thermoelectric effect similar to that of peltier chips. In this method bismuth and antimony rods in micro size are placed in perpendicular directions to each other and they are welded in a special method with graphite rod. These two metals welded with each other in their fused state will form thermocouple and their both surfaces i.e., top and bottom will produce hot and cold temperatures. Both the surfaces are covered with aluminum, ceramic or plastics to look similar like semiconductor peltier chips. These devices will find innumerable applications in areas of refrigeration, chilling, boiling, water treatment, power generation, compressor free air conditioners, cryogenic cooling etc. as low cost alternative.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2734/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :17/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DISPLAYING A WEB PAGE ADVERTISEMENT

(51) International classification	:G06F, G06Q	(71) Name of Applicant : 1)HEWLETT-PACKARD DEVELOPMENT COMPANYÂ L.P.
(31) Priority Document No	:NA	Address of Applicant :11445 Compaq Center Drive West
(32) Priority Date	:NA	HoustonÂ TX 77070Â USA U.S.A.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)Praphul CHANDRA
Filing Date	:NA	2)Geetha MANJUNATH
(87) International Publication No	: NA	3)Nidhi MATHUR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Presented is a method of displaying a web page advertisement on a computing device. A web page advertisement is segregated from content on the web page during a web browsing session. The web page advertisement is then cached on the computing device for display at a time later to the web browsing session. [Figure 2]

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2735/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :17/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : A HEXANE EXTRACT OF AEGLE MARMELOS FRUIT AND PROCESS THEREOF

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

(71)Name of Applicant :

1)RAJIV GANDHI CENTRE FOR BIOTECHNOLOGY

Address of Applicant :Mycobacterium Research Group
Department of Molecular Microbiology Rajiv Gandhi Centre for
Biotechnology Thiruvananthapuram 695 014Â INDIA. Kerala
India

(72)Name of Inventor :

1)RAMAKRISHNAN NAIR AJAY KUMAR

2)KIZHIYEDATHU POLACHIRA SUJA

3)DIVYA LAKSHMANAN

4)LENY JOSE

5)SATHISH MUNDAYOOR

(57) Abstract :

The present disclosure relates to an extract of Aegle marmelos fruit. Preferably, the extract of Aegle marmelos fruit is a hexane extract. Further the disclosure also relates to a process for obtaining said extracts, wherein the extracts are active against Mycobacterium tuberculosis for the treatment of Tuberculosis. Fig.1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2736/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :18/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : SEARCHING DOCUMENT IMAGES

(51) International classification	:G06F, G06K	(71) Name of Applicant : 1)HEWLETT-PACKARD DEVELOPMENT COMPANYÂ L.P.Â
(31) Priority Document No	:NA	Address of Applicant :11445 Compaq Center Drive WestÂ
(32) Priority Date	:NA	HoustonÂ TX 77070Â U.S.A.Â U.S.A.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)Suryaprakash KOMPALLI
Filing Date	:NA	2)Ashwin GOPAKUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a method of searching a digital image of a document for a predetermined keyword. The method identifies a word in the digital image, the word comprising one or more shapes. A test matrix comprising a difference vector for each character of the word is generated, and a template matrix comprising a difference vector for each shape of the keyword is also generated, wherein a difference vector represents the differences between the visual features of a respective shape and the visual features of a collection of reference shapes. A measure of similarity between the word and the keyword is generated by comparing the test matrix and the template matrix. [FIG. 3]

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2737/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :20/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : INSTANT MEDICAL PRESCRIPTION ISSUING SYSTEM

(51) International classification	:H04L, G06F	(71) Name of Applicant : 1)IMRAN KHAN
(31) Priority Document No	:NA	Address of Applicant :Z.A.R.S, BABBUR FARM(POST),
(32) Priority Date	:NA	HIRIYUR(TALUK), CHITRADURGA(DIST), KARNATAKA-
(33) Name of priority country	:NA	572 143 Karnataka India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)IMRAN KHAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an instant medicinal prescription issuing system more particularly patient management system. The said invention comprises a medical prescription issuing machine which further comprises an input device an output device, a call management system, an IGEN software, an internal and external storage device, a multi-media support system including, multimedia FM radio, Audio Player, Music Player, Video Player, video recording & Ringtones, messaging feature, acoustic device, image recorder, communication device, scanner and printer port. This invention also relates to the application of this prescription issuing system for the management of prescription errors and to improve patient safety. This invention also relates to the application of this prescription issuing system for the management of prescription errors and to improve patient safety.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2812/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : A PLACENTAL EXTRACT

(51) International classification	:C12Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR.SUNITA RANA AGARWAL
(32) Priority Date	:NA	Address of Applicant :NO.15, EAGLE STREET,
(33) Name of priority country	:NA	LANGFORD TOWN, BANGALORE-560 025. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR.SUNITA RANA AGARWAL
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a preparation of a composition, which is an extraction of the fluid from placenta. The biologically active steroid free placental extract composition for DNA amplification comprising a treated fluid extracted from a maternal foetal membrane - 0.1% to 0.0001%; and plasma less than 0.1%, wherein the treated fluid is a clear formulation filtered with 0.2 micron filters without containing any cells or Deoxyribonucleic acid (DNA), wherein the treated fluid generates DNA when mixed with plasma thereby helping in DNA amplification. Advantageously, the composition is mixed with other cells and particles for preparing medicinal substance and which can also be used for therapeutical purposes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2796/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : MANUFACTURE OF HIGH POWER GOLORED LED MADE UP OF INDIUM GALLIUM SALTS WITH NANO METAL DOPED ELECTROLUMINESCENT METAL SALTS IN INERT GAS ENVIRONMENT

(51) International classification	:H05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EESAVYASA TECHNOLOGIES PVT.LTD
(32) Priority Date	:NA	Address of Applicant :108-B, I.D.A. KHANAPURAM,
(33) Name of priority country	:NA	KHAMMAM, PIN - 507 002 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DAMULURI PREM CHAKRAVARTHY
(87) International Publication No	: NA	2)KUNAM SASIDHAR REDDY
(61) Patent of Addition to Application Number	:NA	3)JINUGA PREETHAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to manufacturing of colored LEDs and colored laser diodes from Indium Gallium salts using nano sized metal doped electroluminescent powders. In this special method Indium Gallium salt and the dopent materials like Cadmium or Zinc Sulphide, Selenide, Telluride etc, are heated in two separate inert gas chambers to their vapour state. These two vapours are mixed in inert gas environment in a controlled manner through a permeable membrane and then cooled to get colored LED Material LEDs and colored laser diodes. In this method manufacturing cost is very much less and any choice of colour can be imparted to get high power, wide spectrum of LEDs.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2797/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : FUEL CELL USING GRAPHITE MEMBRANES COATED WITH MIXTURE OF PLATINUM, NICKEL AND VANADIUM PENTOXIDE

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EESAVYASA TECHNOLOGIES PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :108-B, I.D.A. KHANAPURAM,
(33) Name of priority country	:NA	KHAMMAM, PIN - 507 002. Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DAMULURI PREM CHAKRAVARTHY
(87) International Publication No	: NA	2)KUNAM SASIDHAR REDDY
(61) Patent of Addition to Application Number	:NA	3)JINUGA PREETHAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this method of invention, a comprehensive technology for effective utilization of combustion of fossil fuels and any other reaction or combustion procedures which release compounds similar to fossil fuel combustion using specially designed graphite coated catalytic membranes is explained. Production of electricity using graphite membrane along with hydrogen, water or solid fuel based fuel cells are discussed. In this method, stage wise burning of fuel, unburnt exhaust fumes, etc, are reused repeatedly to achieve maximum fuel to energy conversions thereby reducing the release of greenhouse gases.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2798/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : MANUFACTURE OF SPECIAL GRAPHITE MEMBRANES MADE UP OF PLATINUM, NICKEL AND VANADIUM PENTOXIDE

(51) International classification	:C25B, B01D	(71) Name of Applicant : 1)EESAVYASA TECHNOLOGIES PVT LTD
(31) Priority Document No	:NA	Address of Applicant :108-B, I.D.A. KHANAPURAM,
(32) Priority Date	:NA	KHAMMAM, PIN - 507 002. Andhra Pradesh India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)DAMULURI PREM CHAKRAVARTHY
Filing Date	:NA	2)KUNAM SASIDHAR REDDY
(87) International Publication No	: NA	3)JINUGA PREETHAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this method of invention, special type of graphite membrane fabric is produced in a sputter chamber with the help of electroplating of various metal mixtures. In this method fine graphite powder will be dissolved in carbon disulphide or any other suitable solvent. Non-woven granulated activated carbon (GAC) fabric is taken and soaked in the above graphite solvent mixture so that a layer of required thickness graphite will be coated over GAC. This graphite coated GAC fabric will be taken as a negative pole in sputter chamber. In a crucible consisting of platinum, palladium, nickel and vanadium pentoxide mixture taken in their fused states will be kept at negative terminal. Through electrolysis-electroplating, this material mixture will be coated over graphite coated GAC-fabric. This material is used as membrane for constructing fuel-cell.

No. of Pages : 6 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2799/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : ORE BENEFICIATION OF FERROUS AND NON-FERROUS ORES USING SUPER MAGNETIC SEPARATION AND FROTH SLUICING METHOD

(51) International classification	:C22B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EESAVYASA TECHNOLOGIES PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :108-B, I.D.A. KHANAPURAM,
(33) Name of priority country	:NA	KHAMMAM, PIN - 507 002. Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DAMULURI PREM CHAKRAVARTHY
(87) International Publication No	: NA	2)KUNAM SASIDHAR REDDY
(61) Patent of Addition to Application Number	:NA	3)JINUGA PREETHAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this method of invention both ferrous and non-ferrous ores are ground to fine micro-particle size. This powder is subjected to steps like densitometric, magnetic stirring for separation to eliminate impurities like silica etc. The remaining ore particles are flushed through special type of froth generation mechanism adding required oils in a sluicing chamber, where magnetic affinity materials will be drawn out in separate outlet due to magnetic field created with the help of super magnets made up of neodium or equivalent material. At the other end nonmagnetic material in the form of slurry mixed with froth generated will be passed through dielectric sieving chamber to separate distinctly required material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2811/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : SKIN CARE CREAM

(51) International classification	:A61Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR.SUNITA RANA AGARWAL
(32) Priority Date	:NA	Address of Applicant :NO.15, EAGLE STREET,LANGFORD
(33) Name of priority country	:NA	TOWN, BANGALORE-560 025. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR.SUNITA RANA AGARWAL
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to cosmetic compositions comprising of placental extract, more particularly to human placental extract, which is rich in nucleotides and amino acids. The invention is based upon the application of the said formulation in particular from research to clinical procedures for the treatment of skin diseases and as a rejuvenating cream. The formulation contained in the invention is suitable for topical application to skin. Moreover, the present invention is a multipurpose cream used for healthier skin and for all types of skin diseases such as skin burns, wounds, also as pain relief cream. Advantageously, the cream composition has the ability to produce Deoxyribonucleic acid (DNA) which is known as DNA amplification and thereby helps in regeneration/rejuvenation of insalubrious cells.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2813/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : DNA AMPLIFICATION BY ADDING HUMAN/ANIMAL/PLANT PLASMA AND A COMPOSITION ISOLATED FROM HUMAN/ANIMAL/PLANT PLACENTA FOLLOWED BY INTRAMUSCULAR DELIVERY OF NUCLEIC ACID

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. SUNITA RANA AGARWAL
(32) Priority Date	:NA	Address of Applicant :NO. 15, EAGLE STREET,
(33) Name of priority country	:NA	LANGFORD TOWN, BANGALORE-560 025 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. SUNITA RANA AGARWAL
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process of deoxyribonucleic acid (DNA) amplification by adding host plasma to a composition extracted from placenta. The invention aims to generate DNA using human plasma and a clear formulation formed from placenta. Particularly, the present invention relates to a process for expressing and bioengineering the nucleic acid and delivering them into the damaged cells in the human body. The synthesized DNA is bioengineered and the resulting bioengineered nucleic acid is delivered at the site of injury for purposes of gene therapy. More particularly, the invention involves muscular delivery of DNA or RNA to a damaged organ for gene or protein expression.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2814/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : CO-OPERATIVE CACHING WITH REDUCED COSTS

(51) International classification	:G06F, H04L	(71) Name of Applicant : 1)Alcatel Lucent
(31) Priority Document No	:NA	Address of Applicant :3 ^Â avenue Octave Gr ^Â ard 75007
(32) Priority Date	:NA	Paris ^Â France. France
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)Sharad Jaiswal
Filing Date	:NA	2)Anirban Majumder
(87) International Publication No	: NA	3)K V M Naidu
(61) Patent of Addition to Application Number	:NA	4)Nisheeth Shrivastava
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Co-operative caching with Reduced Costs. The present invention relates to content delivery networks and, more particularly, to caching of content in content delivery networks. A method and system for enabling transfer of content in a network. A user requests for content from a remote source and a coordinating module checks if the content is present in any storage device in the network. The coordinating module checks if constraints related to the storage device affects transfer of the content to the user and the content is transferred from the storage device to the user if constraints related to the storage device does not affect transfer of the content to the user. The constraints related to the storage devices are obtained, requests for content made by users are predicted at periodic intervals of time and content is placed in the storage device based on the prediction. FIG. 2

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2815/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : ENHANCEMENTS TO A CDMA SYSTEM TO SUPPORT IN-BAND PERSONAL INDOOR RELAYS.

(51) International classification	:H04B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Centre of Excellence in Wireless Technology (CEWiT)
(32) Priority Date	:NA	Address of Applicant :#152 nd CSD Building th IIT Madras
(33) Name of priority country	:NA	Campus th Guindy Chennai th Tamil Nadu 600036 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Sendilramkumar Devar
(61) Patent of Addition to Application Number	:NA	2)Nadeem Akhtar
Filing Date	:NA	3)Prof. Bhaskar Ramamurthy
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Enhancements to a CDMA system to support in-band personal indoor relays. This invention relates to CDMA communication systems, and more particularly to relays in CDMA communication systems. The principal object of this invention is to achieve the operating mechanism and method for introducing indoor personal relays in an existing CDMA system. The embodiments herein achieve an operating mechanism and method for introducing indoor personal relays in an existing CDMA system. FIG. 1

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2816/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :25/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING SIMULTANEOUS IP AND NON-IP BASED COMMUNICATION SERVICES USING PASSIVE OPTICAL NETWORKS

(51) International classification	:H04Q, H04J	(71)Name of Applicant : 1)Cavera Systems (India) Pvt. Ltd.
(31) Priority Document No	:NA	Address of Applicant :7-102/6&11 5th Floor Veeranag
(32) Priority Date	:NA	Towers Habsiguda Hyderabad 500 007 Andhra
(33) Name of priority country	:NA	Pradesh India Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KALLA Amritpal S
(87) International Publication No	: NA	2)KALLA Asavir
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A transmission system capable of simultaneously providing IP and/or non-IP based services to a plurality of receiving nodes over a single passive optical network is disclosed. The transmission system comprises of an optical line terminal (OLT) connected to one or more gateway for receiving digital signals of one or more IP or non-IP based services, the optical line terminal converts the received digital signals to optical signals. The transmission system further comprises of one or more splitter for receiving the optical signals from the optical line terminal, the signals being received by the splitter from the optical line terminal over a single optical fiber cable and one or more optical network units (ONU) located at the respective receiving nodes for receiving optical signals from the splitter. The optical network unit converts the received optical signal into digital signals and transmits the digital signals to the receiving nodes for providing one or more IP or non-IP based services.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2801/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : MANUFACTURE OF MICRO-RODS OF BISMUTH AND ANTIMONY METALS USING SINTERING TECHNIQUE

(51) International classification	:C22C, B23K	(71) Name of Applicant : 1)EESAVYASA TECHNOLOGIES PVT LTD
(31) Priority Document No	:NA	Address of Applicant :108-B, I.D.A. KHANAPURAM,
(32) Priority Date	:NA	KHAMMAM, PIN - 507 002. Andhra Pradesh India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)DAMULURI PREM CHAKRAVARTHY
Filing Date	:NA	2)KUNAM SASIDHAR REDDY
(87) International Publication No	: NA	3)JINUGA PREETHAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this method of invention using sintering technique bismuth and antimony rods are heated at a temperature less than their melting points in two different vacuum chambers surrounded by heating devices like induction furnaces separately. These two metal liquids will be sent into special sintering furnace where required shapes of metal ingots or rods in micro sizes are obtained by passing through graphite micro grid or specially designed extrusion dies in controlled environment. The ends of these micro-sized rods of bismuth and antimony are shaped in such a way that they can undergo graphite welding at higher frequencies and joined together. This type of micro-rods can be joined to any length to produce thermo-electric devices. When these micro-rods are arranged in an array, they produce around 5.1 volts between both the surfaces and with help of this voltage difference electricity can be produced and power generators can also be devised.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2802/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : PAPER OR CURRENCY DETECTION USING PIEZO AND DIELECTRIC SENSORS

(51) International classification	:G07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EESAVYASA TECHNOLOGIES PVT.LTD.
(32) Priority Date	:NA	Address of Applicant :108-B, I.D.A. KHANAPURAM,
(33) Name of priority country	:NA	KHAMMAM, PIN - 507 002. Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DAMULURI PREM CHAKRAVARTHY
(87) International Publication No	: NA	2)KUNAM SASIDHAR REDDY
(61) Patent of Addition to Application Number	:NA	3)JINUGA PREETHAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this method of invention the currency or paper bundle placed over a stable surface and the side surface of pages or currency notes will be touched. This touch is produced with physical contact of a moving fine needle made up of piezo-electric material. Every individual touch or hit with sensor with note or page that occurred will produce relevant pulses which are read by another receiver sensor . The system is designed to count the number of hits and displayed as bundle or loose counting.

No. of Pages : 5 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2803/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : CHAMBER STERILIZATION WITH PULSED UV LASER, OZONE AND UV LIGHT

(51) International classification	:A61L, B01D	(71) Name of Applicant : 1)EESAVYASA TECHNOLOGIES PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :108-
(32) Priority Date	:NA	B,I.D.A.KHANAPURAM,KHAMMAM, PIN-507 002 Andhra
(33) Name of priority country	:NA	Pradesh India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DAMULURI PREM CHAKRAVARTHY
(87) International Publication No	: NA	2)KUNAM SASIDHAR REDDY
(61) Patent of Addition to Application Number	:NA	3)JINUGA PREETHAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this method of invention, purified air is passed through molecular sieved zeolite bed for elimination of nitrogen gas and increasing oxygen concentration in to the chamber selected for sterilization. This environment is flashed with nitrogen gaseous laser which acts as ultraviolet laser giving high intensity (330nm) flash of ultraviolet (UV) at 10kilowatt and 30 nanosecond pulse. The flash converts the oxygen collected in the chamber to ozone, without silent electric discharge for creating a germicidal environment. These nano second pulses are highly sufficient to kill any kind of microbes in the chamber selected. This chamber is further exposed with special ultraviolet tubes made up of gallium-iodide placed in argon gas in presence of mercury traces to stabilize peak UV emissions (250 nm). The high intensity of UV also reaches all the areas of the chamber throughout the sterilization time.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2831/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :27/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : NOVEL PSEUDOPOLYMORPHS OF PRASUGREL HYDROCHLORIDE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MATRIX LABORATORIES LTD
(32) Priority Date	:NA	Address of Applicant :1-1-151/1, IV FLOOR, SAIRAM
(33) Name of priority country	:NA	TOWERS, ALEXANDER ROAD, SECUNDERABAD-500 003.
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JETTI, RAMAKOTESWARA RAO
(61) Patent of Addition to Application Number	:NA	2)BEERAVELLI, SATISH
Filing Date	:NA	3)BHOGALA, BALAKRISHNA REDDY
(62) Divisional to Application Number	:NA	4)GORANTLA, ASHA RANI
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel pseudopolymorphs of Prasugrel hydrochloride namely formic acid pseudopolymorph of Prasugrel Hydrochloride, acetic acid pseudopolymorph of Prasugrel Hydrochloride and Nitromethane pseudopolymorph of Prasugrel Hydrochloride and process for the preparation of the same. The present invention further relates conversion of pseudopolymorphs into Prasugrel hydrochloride.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2832/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :27/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : CRYSTALLINE PIPERAQUINE AND ITS SALTS

(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)MATRIX LABORATORIES LTD

Address of Applicant :1-1-151/1, IV FLOOR, SAIRAM
TOWERS, ALEXANDER ROAD, SECUNDERABAD-500 003.
Andhra Pradesh India

(72)Name of Inventor :

1)SETHI, MADHURESH KUMAR

2)RAWAT, VIJENDRA SINGH

3)YERRAMALLA, RAJA KRISHNA

4)VEMULA, LAKSHMINARAYANA

5)ARIKATLA, SIVALAKSHMI DEVI

6)DATTA, DEBASHISH

(57) Abstract :

The present invention relates to a novel crystalline Piperaquine free base and a process for preparation thereof. The present invention also relates to crystalline salts of Piperaquine herein after designated as Piperaquine monophosphate, Piperaquine diphosphate, Piperaquine triphosphate, Piperaquine tetraphosphate, Piperaquine pentaphosphate and process for preparation thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2805/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : NANO-PARTICLE SYNTHESIS OF ANY MATERIAL USING NANO GRID UNDER CONTROLLED ENVIRONMENT

(51) International classification

:B82Y

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DAMULURI PREM CHAKRAVARTHY

Address of Applicant :108-B, I.D.A. KHANAPURAM,
KHAMMAM-507 002. Andhra Pradesh India

(72)Name of Inventor :

1)DAMULURI PREM CHAKRAVARTHY

(57) Abstract :

In this procedure nano particles of any material that includes metals, non metals, salts, organic and inorganic compounds of any nature in controlled environment. In the reactor designed multiple operations takes place in a cylindrical chamber which is used as a main reactor. Chamber has moving electrodes, external electric & magnetic fields, heating systems depending on the nature of the reactant. Between the two electrodes an adjustable porous plate or nano-grid is placed. The reactor at the top is connected to an inert gas reservoir. Samples are placed into the chamber using a control release valve and vacuum pump. Inert gas reservoir is covered by a heater or ultrasonic vibration provision. Optical window connected to a microscope is provided to view the contents of reactor. Whole process is carried using programmable microcontroller. When reactant material is passed through micro grid nano-pores, nano product is obtained.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2808/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : FUSED TRICYCLIC COMPOUNDS AS ADENOSINE RECEPTOR ANTAGONIST

(51) International classification	:A61K31/33, C07D	(71)Name of Applicant : 1)ADVINUS THERAPEUTICS LIMITED Address of Applicant :21 & 22,PEENYA INDUSTRIAL AREA,PHASE II BANGALORE 560 058. 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)BARAWKAR DINESH
Filing Date	:NA	2)BASU SUJAY
(87) International Publication No	: NA	3)RAMDAS VIDYA
(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 fused tricyclic compounds of formula (I) or its tautomers, polymorphs, stereoisomers, prodrugs, solvate or a pharmaceutically acceptable salts, or pharmaceutical compositions containing them and methods of treating conditions and diseases that are mediated by thereof as A2A adenosine receptor antagonists. The compounds of the present disclosure are useful in the treatment, prevention or suppression of diseases and disorders that may be susceptible to improvement by the mediation of adenosine A2A receptor. Such conditions include, but are not limited to, Parkinsons disease, restless leg syndrome, Alzheimers disease, neurodegenerative disorder, inflammation, wound healing, dermal fibrosis, nocturnal myoclonus, cerebral ischaemia, myocardial ischemia, Huntington"s disease, multiple system atrophy, corticobasal degeneration, Wilson"s disease or other disorders of basal ganglia which results in dyskinesias, post traumatic stress disorder, hepatic cirrhosis, sepsis, spinal cord injury, retinopathy, hypertension, social memory impairment, depression, neuroprotection, narcolepsy or other sleep related disorders, attention deficit hyperactivity disorder, drug addiction, post traumatic stress disorder and vascular injury and the like. The present disclosure also relates to methods for the preparation of such compounds, and to pharmaceutical compositions containing them.

No. of Pages : 123 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2833/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :27/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : VEHICLE EMISSION CONTROL SYSTEM

(51) International classification

:F01N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)VENKATESAN PRAVEEN

Address of Applicant :FLAT#9, ORCHID GARDEN, A-BLOCK #3, 6TH CROSS STREET, COLLECTORATE COLONY, AMINJIKARAI, CHENNAI-600 029. Tamil Nadu India

2)MANICKAM SHANKAR

3)BALU DIVAKAR

(72)Name of Inventor :

1)VENKATESAN PRAVEEN

2)MANICKAM SHANKAR

3)BALU DIVAKAR

(57) Abstract :

The invention relates to a vehicle exhaust emission control system. The system includes a catalytic converter which comprises of a rotating spiral metallic converting means, metallic converting means, a heating means, heat control circuit and control means. The system delivers purified exhaust gas to the atmosphere out of the exhaust pipe of an engine in an engine cold start condition.

No. of Pages : 22 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2838/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :27/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : A METHOD OF SELLING LOTTERY TICKETS OF VARIOUS STATE GOVERNMENTS BY ACCEPTING PAYMENT BY CHEQUE INSTEAD OF CASH OVER METHOD OF SELLING LOTTERY TICKETS THROUGH BANK'S CUSTOMER I.E., SIX DIGITAL NUMBER OR MORE TO OPERATE LOTTERY NUMBER WITHOUT PRINTING THE LOTTERY TICKETS

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GIRIVAS VISWANATH SHET
(32) Priority Date	:NA	Address of Applicant :MYSORE SANDAL PRODUCTS,
(33) Name of priority country	:NA	6/1872, SASTHA NAGAR, AANAVATHIL,
(86) International Application No	:NA	MATTANCHERRY, COCHIN - 682 002. Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GIRIVAS VISWANATH SHET
(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 selling State Government, Lottery tickets on accepting payment by Cheque instead of Cash.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.288/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SEGMENTED POLYARYLENE ETHER BLOCK COPOLYMERS

(51) International classification :C08G65/40
(31) Priority Document No :09162164.9
(32) Priority Date :08/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/057521
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

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056Â LudwigshafenÂ Germany
Germany

(72)Name of Inventor :

1)GIBONÂ Cecile

2)WEBER Martin

3)GAYMANS Reinoud J.

4)STEPHEN Ranimol

(57) Abstract :

The present invention relates to polyarylene ether block copolymers according to the general formula A-K-X-K-AÂ where - -X- is a polyarylene ether segment with number-average molar mass of at least 5000 g/molÂ and - A- is a segment of the general structure R2NH-(R1-NH-CO-Ar-CO-NH)n-R1-NH-Â in which R1 is a linear or branched alkylene group having from 2 to 12 carbon atoms and Ar is an arylene group having from 6 to 18 carbon atomsÂ and R2 is selected from aryloylÂ alkyloylÂ and HÂ and in which the number average of n is from 1 to 3Â and - there is a coupling group K of the structure -CO-Ar3-CO- linking each A to XÂ in which Ar3 is an aromatic group having from 6 to 18 carbon atoms. The present invention also relates to a process for the production of the polyarylene ether block copolymers of the inventionÂ to polymer compositions comprising the polyarylene ether block

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2895/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : REAR SUSPENSION SYSTEM OF A TWO-WHEELER

(51) International classification	:B60G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S. TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :NO.29, HADDOWS ROAD,
(33) Name of priority country	:NA	CHENNAI - 600 006. Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. GOVINDARAJAN VENKATESH
(87) International Publication No	: NA	2)MR. BALAGURU SRIDHAR
(61) Patent of Addition to Application Number	:NA	3)MR. BAPPANNA DORA KAREDLA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to rear suspension system of a two wheeled vehicle and more particularly, to the arrangement of cushions10, 10A external to the main shock absorbing element 12 which provides distribution of load under extreme load conditions. Consequently, the suspension system accommodates extremes of jounce more efficiently despite, the size limitation of the main shock absorber element 12. The novelty, of the invention lies in the unique arrangement of the cushions10 and 10A, external to the main shock absorber element 12, in a rear suspension system 5 of a two wheeled vehicle. Figure 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2896/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : CENTRAL DISTRIBUTION FLOW FIELD DESIGN FOR PROTON EXCHANGE MEMBRANE FUEL CELLS

(51) International classification	:H01M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :NO.29, HADDOWS ROAD,
(33) Name of priority country	:NA	CHENNAI - 600 006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. SAMRAJ JABEZ DHINAGAR
(87) International Publication No	: NA	2)MR. VINOD KUMAR KONAGANTI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the design of a flow field plate for proton exchange membrane fuel cell, using hydrogen gas as the fuel and air as the oxidant. The flow field plate is made of highly conductive material like graphite. A fuel cell is an electrochemical device which converts chemical energy of fuel into electrical energy. A proton exchange membrane fuel cell (PEMFC) typically uses hydrogen as fuel and oxygen (from air) as oxidant in presence of an electrolyte (polymer electrolyte). A PEMFC includes a proton-conducting polymer electrolyte membrane, a catalyst and a gas diffusion layer on both anode and cathode sides. This unit of anode and cathode electrode layers, catalyst, gas diffusion layers and proton exchange membrane (PEM) is referred to as the membrane electrode assembly (MEA). The flow field plates (separator plates or bipolar plates) are placed on both sides of the MEA.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2897/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR MULTIPLE MODE DIGITAL DISPLAY

(51) International classification

:B60K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)M/S TVS MOTOR COMPANY LIMITED

Address of Applicant :NO. 29, HADDOWS ROAD,
CHENNAI - 600 006. Tamil Nadu India

(72)Name of Inventor :

1)DR. SAMRAJ JABEZ DHINAGAR

2)MR. MAHADEVASWAMY NAGENDRASWAMY

3)MR. AMIT RAJA WADE

4)MR. GOVINDARAJAN VENKATESH

(57) Abstract :

The present invention relates generally to a digital display instrument used in automotive vehicles and, more particularly, to the instrument capable of switching between different display modes such as Normal mode, Race Mode and Data logging Mode, wherein the complete display system is equipped with back light system, safety measure displays and display of other motion parameters of vehicles. More particularly, this invention deals with the digital display of parameters of different modes with the same display instrument, wherein the selection of the mode is based on user requirement. Novelty of the present invention lies in method of digital display of different parameters of different driving modes through single display instrument, which saves cost of multiple displays.
Figure 3

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2881/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :29/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : IMPROVED PROCESS FOR THE PEPARATION OF ELETRIPTAN HYDROBROMIDE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MATRIX LABORATORIES LTD
(32) Priority Date	:NA	Address of Applicant :1-1-151/1, IV FLOOR, SAIRAM
(33) Name of priority country	:NA	TOWERS, ALEXANDER ROAD, SECUNDERABAD - 500 003
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KARUSALA, NAGESWARA RAO
(61) Patent of Addition to Application Number	:NA	2)CHAVHAN, BHAUSAHEB
Filing Date	:NA	3)SINGAMSETTY, RADHA KRISHNA
(62) Divisional to Application Number	:NA	4)KOTHAKONDA SUDARSHAN RAO
Filing Date	:NA	5)KUNAMNENI, SUNIL

(57) Abstract :

The present invention relates to an improved process for the preparation of Eletriptan hydrobromide both α and β polymorphic forms. The present invention also relates to a process for the preparation of Eletriptan hydrobromide α and β polymorphic forms free of Eletriptan hydrobromide monohydrate. The present invention further relates to packing of Eletriptan hydrobromide both α and β polymorphic forms.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2898/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : BREATHER DEVICE FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F01M, F02B	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED
(31) Priority Document No	:NA	Address of Applicant : "JAYALAKSHMI ESTATES",
(32) Priority Date	:NA	NO.29(OLD NO.8) HADDOWS ROAD, CHENNAI -600 006.
(33) Name of priority country	:NA	Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)YATIN VASANT CHAUDHARY
(87) International Publication No	: NA	2)SUBRAMONIAM CHITHAMBARAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A breather device for an internal combustion engine having an intake means for receiving air and lubricant molecules from crankcase; a fluid flow path 304 receiving air and lubrication oil mist from said intake means; a drain means 302, in fluid communication with said fluid flow path for receiving lubricant oil mist, wherein the said fluid flow path causes change in flow direction by incorporating a circuitous path having several hair pin bends.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2899/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : LOCKING DEVICE FOR PARKING BRAKE LEVER

(51) International classification

:B60T

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TVS MOTOR COMPANY LIMITED

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

(72)Name of Inventor :

1)SURESH KRISHNA P

2)KRISHAN KUMAR RAJPUT

3)M VIJAYAKUMAR

4)RENGARAJAN BABU

(57) Abstract :

A locking device for parking brake lever in two wheelers is provided with a mounting bracket attached to handle bar; a locking lever assembled to the mounting bracket; a spring assembled to the mounting bracket; and a locking pin is provided on the brake lever. The said locking lever is moved in the longitudinal direction to engage and disengage the locking pin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.296/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : PROCESSING CIRCUIT FOR AN X-RAY SENSOR

(51) International classification :H04N5/32
(31) Priority Document No :09163370.1
(32) Priority Date :22/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/052701
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 :
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN EINDHOVEN 5621 BAÂ NETHERLANDS
Netherlands
(72)Name of Inventor :
1)VAN DER WALÂ Roelf
2)ALVING Lex
3)RUETTEN Walter

(57) Abstract :

A processing circuit for an X-ray sensor for collecting at least a first pixel information of a first pixel and a second pixel information of a second pixel is provided. The processing circuit comprises an amplifier (112) a feedback loop (113) and a first collecting device (111). It is provided a compensation for a non-linearity in the pixels or in the pixel circuits (100 200) by applying an inverse non-linearity (125) in the periphery of the X-ray sensor. A processing circuit (110) may provide a copy of a pixel voltage and/or of a pixel charge. In the case of pixel charge a non-linear characteristic of a pixel capacitance may be compensated. Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2961/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :06/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : AUTOMATED SERVICE LEVEL MANAGEMENT OF APPLICATIONS IN CLOUD COMPUTING ENVIRONMENT

(51) International classification	:G06F15/16	(71) Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS TECHNOLOGIES LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)SHYAM KUMAR DODDAVULA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Automated service level management of applications can include automated deployment, monitoring, forecasting, and/or predicting based on a plurality of service levels comprising application level, application server platform level, virtual machine level, and/or infrastructure level, and optimizations at multiple levels using a plurality of techniques including automated dynamic application migration. Automated deployment of applications in a cloud computing environment using deployment descriptors comprises receiving values for service level parameters for an application, creating a deployment descriptor based on the parameters, identifying application servers that satisfy the deployment descriptors, and deploying the application to the identified application servers. Automated dynamic migration of applications in a cloud computing environment comprises deciding to migrate an application, obtaining application resource requirements, identifying application server candidates, selecting an application server from one of the candidates, and migrating the application. Ref fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2817/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :25/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : SILENT SPEECH BASED COMMAND TO A COMPUTING DEVICE

(51) International classification	:G06F	(71) Name of Applicant :
(31) Priority Document No	:NA	1)HEWLETT-PACKARD DEVELOPMENT COMPANYÂ
(32) Priority Date	:NA	L.P.
(33) Name of priority country	:NA	Address of Applicant :11445 Compaq Center Drive West
(86) International Application No	:NA	HoustonÂ TX 77070 USA U.S.A.
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)Sriganesh MADHVANATH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Presented is a method for executing a command on a computing device. A computing device receives a first command and a second command, wherein the second command is, optionally, silent speech. The first command and the second command are combined to provide a final command to the computing device for execution. [Figure 2]

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : IMPROVING ACCURACY OF A COMPASS PROVIDED WITH A CARRIER STRUCTURE FOR USE IN SUBTERRANEAN SURVEYING

(51) International classification	:G01V1/38
(31) Priority Document No	:12/500,090
(32) Priority Date	:09/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041002
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)Geco Technology B.V.

Address of Applicant :Gevers Deynootweg 61Â 2586 BJ S
GravenhageÂ The Netherlands Netherlands

(72)Name of Inventor :

1)WELKERÂ KennethÂ E.

2)ELLINGSEN Roger

3)TOENNESSEN Rune

(57) Abstract :

Techniques or mechanisms are provided to improve accuracy in determining headings and/or shapes of carrier structures based on measurements made by one or more compasses that are attached to or provided with the carrier structures. The carrier structures are used to carry survey receivers that detect survey signals affected by a subterranean structure

No. of Pages : 28 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.289/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : VOID-CONTAINING HEAT-SHRINKABLE POLYESTER FILM AND PROCESS FOR PRODUCTION THEREOF

(51) International classification :B32B27/36
(31) Priority Document No :2009-140834
(32) Priority Date :12/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/060022
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

(71)Name of Applicant :
1)Toyo Boseki Kabushiki Kaisha
Address of Applicant :2-8Å Dojima Hama 2-chomeÅ Kita-kuÅ Osaka-shiÅ Osaka 530-8230Å Japan Japan
(72)Name of Inventor :
1)YAMAMOTOÅ Shigetomo
2)HARUTA Masayuki
3)MUKOYAMA Yukinobu
4)IWASAKI Masakazu

(57) Abstract :

Disclosed is a void-containing heat-shrinkable polyester film which is composed of at least two layersÅ wherein at least one of the layers is a polyester resin layer comprising a cyclic polyolefin resin and containing voids. The film has an apparent specific gravity of less than 1.00 and has specified heat shrinking properties and mechanical properties. Also disclosed is a void-containing heat-shrinkable polyester film as mentioned aboveÅ which exhibits specified cuttability along a perforation. Further disclosed is a process for producing a void-containing heat-shrinkable polyester film as mentioned above.

No. of Pages : 62 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.292/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : APPARATUS AND METHOD FOR REDUCING POWER CONSUMPTION OF ELECTRONIC PRODUCT

(51) International classification :H02J9/00
(31) Priority Document No :10-2009-0054754
(32) Priority Date :19/06/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/002293
Filing Date :14/04/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Chang-Ho KIM
Address of Applicant :#104-303Â Hanseong APT.Â 470-8Â Sindaebang-dongÂ Dongjak-guÂ SeoulÂ 156-010Â Republic of Korea Republic of Korea
(72)Name of Inventor :
1)Chang-Ho KIM

(57) Abstract :

Provided is an apparatus and method for reducing power consumption of an electronic product. The apparatus and method reduces unnecessary power consumption by cutting off power for driving a load if a predetermined control condition is satisfied in an electronic product operating for a long time. In the electronic product operating for a long timeÂ power for driving the load is cut off to prevent waste of the power if the predetermined control condition is satisfiedÂ and the load is driven only when the predetermined control condition is not satisfiedÂ thereby efficiently reducing the power consumption of the electronic product.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2971/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :07/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : A STRESS REDUCTION ARRANGEMENT FOR CLOSING AND ADJACENT BLADES OF A LOW PRESSURE MODULE

(51) International classification

:F01D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)RUKALA RAGHAVENDRA SETTY

2)JANA SHANMUKHA

3)MOTEBENNUR RAMESH

4)HASSAN NARAYANARAO KIRAN

(57) Abstract :

A stress reduction arrangement 200 for closing blade 32 and adjacent blades 34 and 36 of a low pressure module is disclosed as shown in Figure 10, wherein the problem of concentration of stress at root portions of closing blade 32 and adjacent blades 34 and 36 is reduced by providing dowel pins (40, 42 and 44) encompassed by closing blade 32 and rotor disc 38. As a result, stress in the closing blade 32 at pin location ranging between 337.54 MPa - 953.58 MPa is reduced to 190.29 MPa - 507.39 MPa and stress in adjacent blades (34 and 36) at pin location is reduced from 1063.7 MPa to 620.16 MPa. Figure 10

No. of Pages : 31 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : PARALLEL FRAME SYNCHRONIZATION SCRAMBLING APPARATUS AND DE-SCRAMBLING APPARATUS THEREOF

(51) International classification	:H04J3/06
(31) Priority Document No	:200910088502.3
(32) Priority Date	:03/07/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073769
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 :

1)ZTE CORPORATION

Address of Applicant :ZTE PlazaÂ Keji Road SouthÂ Hi-Tech Industrial ParkÂ Nanshan ShenzhenÂ Guangdong 518057Â China. China

(72)Name of Inventor :

1)Lifeng SHI

2)Congyao GUO

(57) Abstract :

A scrambling device for parallel frame synchronization, comprising: a control unit used to read a pseudorandom sequence in a storage unit in sequence and acquire content corresponding to parallel data in the pseudorandom sequence; the storage unit used to store a preset pseudorandom sequence, and input the content corresponding to the parallel data in the pseudorandom sequence into an XOR unit; the XOR unit used to perform XOR processing in turn for the parallel data that are input in sequence with the content corresponding to the parallel data in the pseudorandom sequence obtained from the storage unit, and then output scrambled data. A descrambling device for parallel frame synchronization, wherein an XOR unit is used to perform XOR processing in turn for scrambled data that are input in sequence with content corresponding to the scrambled data in pseudorandom sequence, and then output parallel data obtained after descrambling. The use of the scrambling device and the descrambling device in the present invention can respectively realize scrambling and descrambling and reduce the complexity of computation.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2853/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : MANIFOLD FOR TWO-INTAKE VALVE INTERNAL COMBUSTION ENGINE

(51) International classification

:F02M,
F02B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)M/S TVS MOTOR COMPANY LIMITED

Address of Applicant :NO. 29, HADDOWS ROAD,
CHENNAI - 600 006 Tamil Nadu India

(72)Name of Inventor :

1)MR. MALUVADU SUNDARAMAN ANAND KUMAR

2)MR. BRAHMADEVAN VENNIYODE PADMA RAJAN

3)MR. VETHANAYAGAM JAYAJOTHI JOHNSON

(57) Abstract :

The present invention relates to manifold for the intake system of a two-intake port automotive engine, the said manifold 20 has an inlet 25 configured to receive the charge from the throttle body and an outlet 21 to discharge the charge into the combustion chamber of the engine, through the two intake ports. In the present invention the said outlet is adapted to offset the imbalance in flow of charge through the two intake ports. Figure 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.290/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR FREQUENCY OFFSET ESTIMATION AND CORRECTION IN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYSTEM

(51) International classification :H04L27/26
(31) Priority Document No :200910159802.6
(32) Priority Date :30/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073588
Filing Date :04/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ZTE CORPORATION
Address of Applicant :ZTE PlazaÂ Keji Road SouthÂ Hi-Tech Industrial ParkÂ Nanshan ShenzhenÂ Guangdong 518057Â China China
(72)Name of Inventor :
1)Ping LI
2)Zhaohua ZENG
3)Hongfeng QIN
4)Weiju SUN
5)Lujia HAN
6)Jie LEI

(57) Abstract :

A frequency offset estimation and correction method in an orthogonal frequency division multiplexing (OFDM) system is disclosed in present invention, including: obtaining a pilot frequency domain channel estimation value of a target user, and smoothing the channel estimation value in frequency domain; obtaining the link quality state of a receiver; adopting a history smoothing algorithm or a multi-branch attempt algorithm to perform frequency offset estimation and frequency offset compensation, performing frequency domain demodulation for the data for which frequency offset compensation has been performed, and outputting a link quality state parameter; and updating the link quality state of the receiver according to the link quality state parameter, determining the output value of this frequency offset estimation and outputting a history frequency offset value required by next frequency offset estimation according to the determined output value of this frequency offset estimation. A corresponding apparatus is also disclosed in the present invention. The present invention can effectively estimate the relative frequency offset between a base station and a terminal, thus reducing the interference introduced by the destruction to the orthogonality of the sub-carriers in OFDM system, and improving the frequency offset estimation and compensation range of the receiver.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2900/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/09/2010

(43) Publication Date : 29/03/2013

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

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038. Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SAILAJA VUNDELA
(87) International Publication No	: NA	2)SAYYED ASIF PARVEZ
(61) Patent of Addition to Application Number	:NA	3)NAGAJI AMBABHAI VEKARIYA
Filing Date	:NA	4)AMINUL ISLAM
(62) Divisional to Application Number	:NA	5)MEENAKSHISUNDERAM SIVAKUMARAN
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of pure Paliperidone of Formula I.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2992/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :08/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : SOLAR ELECTRIC TRI-CYCLE

(51) International classification	:B62M23/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FR.KOMMAREDDY.VIJAY KUMAR REDDY
(32) Priority Date	:NA	Address of Applicant :ASST. PROFESSOR IN THE
(33) Name of priority country	:NA	DEPARTMENT OF ENVIRONMENTAL & SCIENCE,
(86) International Application No	:NA	DIRECTOR OF R&D DEPT, C/O.CJITS, COLOMBONAGAR,
Filing Date	:NA	YESWANTHAPUR(PO), JANGAON(MD), WARANGAL - 506
(87) International Publication No	: NA	167. Andhra Pradesh India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)FR.KOMMAREDDY.VIJAY KUMAR REDDY
(62) Divisional to Application Number	:NA	2)GUDISE. JAYA RAJU
Filing Date	:NA	

(57) Abstract :

In India, we have lot of resources in solar energy and it is abundantly and inexhaustible. So an effort has been made in utilization of solar energy. In the present invention a solar electric tri-cycle is made. A conventional PWD tri-cycle is upgraded in this invention. It is made to run on solar power with battery backup. Additionally it can also operate manually. Electrical energy from the solar photovoltaic panels is stored in batteries which drives the D.C. motor. This D.C. motor is connected to the gear on the wheel of the vehicle. Our solar Electric tri-cycle makes use of renewable energy source effectively and it is purely pollution free or zero emission.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3024/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :12/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : MULTI-CHARACTER LOW COST BRAILLE DISPLAY & HIGH SPEED KEYPAD

(51) International classification	:G09B1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BALAJI SUBRAMANIAN
(32) Priority Date	:NA	Address of Applicant :NO 10, JAI BALAJI NAGAR,
(33) Name of priority country	:NA	NESAPAKKAM, CHENNAI-600 078. Tamil Nadu India
(86) International Application No	:NA	2)ASWIN SHANKAR V
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BALAJI SUBRAMANIAN
(61) Patent of Addition to Application Number	:NA	2)ASWIN SHANKAR V
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A low cost solution to implement an electronic Braille input/output device is disclosed. It comprises of a low cost method to implement an Electronic multi-character refreshable Braille display (Output Unit) and a new method to enter Braille characters (Input unit). The output unit is implemented using a unique mechanism that would provide the same reading effect of conventional multi-character refreshable Braille readers while drastically reducing the cost involved. The input unit has a new keypad that provides a very user friendly and high speed method for entering Braille characters.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/10/2010

(21) Application No.2991/CHE/2010 A

(43) Publication Date : 29/03/2013

(54) Title of the invention : SOLAR ELECTRIC BI-CYCLE

(51) International classification	:B62M23/00
(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)FR.KOMMAREDDY.VIJAY KUMAR REDDY

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(72)Name of Inventor :

1)FR.KOMMAREDDY.VIJAY KUMAR REDDY

2)GUDISE. JAYA RAJU

(57) Abstract :

We have lot of resources in solar energy and it is abundantly and inexhaustible in India. A lot of efforts have been made in utilization of solar energy. In the present invention a solar electric bi-cycle made. A conventional cycle is upgraded in this invention. It is made to run on solar power with battery backup. Additionally it can also operate manually. Electrical energy from the solar photovoltaic panels is stored in batteries which drives the D.C. motor. This D.C. motor is connected to the gear on the wheel of the vehicle. Our solar Electric Bi-cycle makes use of renewable energy source effectively and it is purely pollution free or zero emission.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.302/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : MICROCAPSULES HAVING HIGHLY BRANCHED POLYMERS AS CROSS-LINKING AGENTS

(51) International classification :B01J 13/14
(31) Priority Document No :09162662.2
(32) Priority Date :15/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/058201
Filing Date :11/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :67056Â LudwigshafenÂ Germany
Germany

(72)Name of Inventor :

1)JUNGÂ Marc Rudolf

2)LOPEZ VILLANUEVA Francisco Javier

3)SCHRÂ-DER-GRIMONPONT Tina

4)HABERECHT Monika

5)BRUCHMANN Bernd

(57) Abstract :

The present invention relates to microcapsules comprising a capsule core and a capsule wallÂ obtainable by a process comprising the free-radical polymerization of an oil-in-water emulsion which comprises the following constituents:30 to 90% by weight based on the total weight of the monomers of one or more monomers (monomers I) from the group comprising C1 C24-alkyl esters of acrylic acid and/or methacrylic acidÂ acrylic acidÂ methacrylic acidÂ maleic acidÂ fumaric acid and itaconic acid10 to 70% by weight based on the total weight of the monomers of one or more ethylenically unsaturated crosslinkers (monomers II)Â where at least 10% by weightÂ based on the total weight of the monomers IÂ II and IIIÂ is a highly branched polymeric crosslinkerÂ 0 to 30% by weight based on the total weight of the monomers of one or more monounsaturated monomers (monomer III) which are different from the monomers I, and a hydrophobic core material, to a process for their preparation and to their use.

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.305/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : AN ARRANGEMENT FOR PROTECTING EQUIPMENT OF A POWER 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/EP2009/057350

Filing Date :15/06/2009

(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 :

1)ABB TECHNOLOGY AG

Address of Applicant :Affolternstrasse 44 CH-8050
Zürich Switzerland Switzerland

(72)Name of Inventor :

1)GAJICÁ Zoran

(57) Abstract :

An arrangement for protecting equipment of an AC electrical power system comprises first means (15) configured to measure the frequency of the current and voltage at at least one location (16) in the electrical power system along an interconnection between two theoretical electric machines of an equivalent two machine system. Fourth means (19) are configured to use the values of the frequency of the current and voltage measured to determine whether a power swing has occurred in said electrical power system and if an occurrence of a power swing has been determined determine whether the measuring location (16) is located on a motor side or a generator side of a potential pole slip electrical centre along said interconnection said electrical centre being defined as the location where the voltage becomes zero during a pole slip

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3061/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :18/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : DRIVE MECHANISM FOR CONVERTING RECIPROCATING MOTION TO ROTARY MOTION

(51) International classification	:F16H25/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MANGALAPILLIL GOPALAN SAHADEVAN NAIR
(32) Priority Date	:NA	Address of Applicant :MANGALAPILLIL THUNDIYIL
(33) Name of priority country	:NA	HOUSE PANDANAD P.O, CHENGANNUR - 689506 Kerala
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MANGALAPILLIL GOPALAN SAHADEVAN NAIR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved mechanism comprises a drive assembly (8), a rack gear (4) one side, a custom-engineered yoke (11A B C) other side. A drive shaft (1) with two crank wheels (2), a gear wheel (4) is fitted, so that rack gear meshes with gear wheel, and crank pin inside the yoke. A sliding drive key (5) fitted in the gear wheel will rotate the crank wheel during forward power stroke. The yoke will activate the other strokes. The left leg comprises a bottom part (11 A). The top part (11C) fitted to the drive assembly a certain distance away from the vertical line of the bottom part (11 A). A middle part (11B) with two bends is slidably fitted to the slots of the top and bottom members. A spring is fitted in the bottom slot to pressurize the middle member.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3015/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :12/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : SCREW JACK

(51) International classification	:B66F3/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KAWASAKI INDUSTRIAL CO., LTD.
(32) Priority Date	:NA	Address of Applicant :4618 MUKAIJIMA-CHO, SHIMADA-
(33) Name of priority country	:NA	SHI, SHIZUOKA-PREF., Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KAWASAKI, KOJI
(87) 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 case body integrally formed of aluminum resin or hard resin material is mounted on a bed having a recess formed in its central area. A bottom surface of the recess is flush with the contacting ground surface. A large bevel gear mounted on a main threaded shaft is placed in the recess of the bed through a thrust bearing. A lower end of a main threaded shaft is fixedly attached to the thrust bearing such that the main threaded shaft is erected upwardly therefrom. A small bevel gear, which is mounted on a shaft carried on a bearing portion integrally mounted on the case body, is in engagement with the large bevel gear. The threaded portion of the main threaded shaft is engaged with a threaded portion formed on an inner side of an auxiliary threaded sleeve, and a threaded portion formed on an outer periphery of the auxiliary threaded sleeve is engaged with a threaded portion of a heavy object raising inner sleeve. The heavy object raising inner sleeve is provided in an outer periphery thereof with a groove extending in a vertical direction, and at an upper portion thereof with a receiving metal piece. An engagement portion 10a formed on an outer sleeve 10 formed by bending a planar sheet and forming a tubular shape and joining opposite ends thereof such that the joined portion protruded outwardly is fitted in the groove of the heavy object raising inner sleeve in order to prevent rotation of the inner sleeve 9. The inner sleeve is lifted upwardly guided by the outer sleeve, thereby causing the auxiliary threaded sleeve B to be lifted upwardly. In this way, a screw jack thus constructed raises the heavy object loaded on the receiving metal piece.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SIMPLIFIED ABSORBENT ARTICLE CONSTRUCTION

(51) International classification :A61F 13/15
(31) Priority Document No :12/500,981
(32) Priority Date :10/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/052448
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

(71)Name of Applicant :
1)KIMBERLY-CLARK WORLDWIDE INC.
Address of Applicant :Neenah Wisconsin-54956 USA
U.S.A.
(72)Name of Inventor :
1)ELLINGSON Daniel Lee
2)ELLINGSON Alissa Rachel

(57) Abstract :

A method includes moving an absorbent composite in a machine direction severing the composite at a first cut oriented in a direction that is non-parallel and non-perpendicular with the machine direction severing the composite at a second cut oriented in a direction that is non-parallel and non-perpendicular with the machine direction severing the composite at a third cut oriented in a direction that is perpendicular to the machine direction and separating the composite along the first cut the second cut and the third cut into discrete absorbent articles.

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3081/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :18/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : "FILTERING DISCRETE TIME SIGNALS USING A NOTCH FILTER"

(51) International classification :G06F17/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :Bangalore 560012 Karnataka
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(72)Name of Inventor :
1)SATYA SUDHAKAR YEDLAPALLI
2)KUCHIBHOTLA VENKATA SUBRAHMANYA HARI

(57) Abstract :

Various techniques are generally described for digital signal processing (DSP) such as discrete time filters. In some examples, a Canonic Filter Module (CFM) can be used to configure the discrete time filter using an LSF-Model with a finite length sequence. A single CFM can be configured to provide any type of discrete time filter used in signal processing. Filters can be modeled as a set of interconnected notch filters, a lattice structure of a discrete time filter is generally described that is based on a LSFModel.

No. of Pages : 80 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3092/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :19/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : ARTICLE OF CLOTHING FOR HEATING OR COOLING BODY OF A WEARER

(51) International classification	:A41D13/002
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VISTAKULA, KRANTHI KIRAN
Address of Applicant :503 LEGEND APARTMENTS,
STREET NO. 7, HIMAYAT NAGAR, HYDERABAD - 500 029
Andhra Pradesh India
(72)**Name of Inventor :**
1)VISTAKULA, KRANTHI KIRAN

(57) Abstract :

An article of clothing for heating or cooling body of a wearer is provided. The article includes one or more insulating layers for providing padding to the article. Each insulating layer includes one or more slots for holding one or more thermoelectric modules. The one or more thermoelectric modules provide heating or cooling to the body of the wearer of the article. Further, the one or more thermoelectric modules are thermally coupled to one or more heat sink layers for exchanging heat of the one or more thermoelectric modules. A heat sink layer of the one or more heat sink layers is a thin sheet. Each heat sink layer is also coupled to one or more one or more wicking assemblies. The one or more wicking assemblies include a heat absorbing liquid, which enables cooling of the one or more heat sink layers by evaporation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2908/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/09/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : MULTI-LAYER MAT

(51) International classification

:B32B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ALEX JOSEPH

(57) Abstract :

The mat disclosed herein is a three layer mat comprising of a top decorative layer with aesthetic appeal, mid-layer to provide padding and insulation to the product, thereby providing anti-fatigue functionality, and a bottom layer to make the product skid resistant and to add dimension stability to the final structure. The three layers are stitch bonded to create a composite material which can then be used as a bath rug, kitchen rug, scatter rug and for other applications.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.291/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : SHARED RESOURCE MULTI-THREAD PROCESSOR ARRAY

(51) International classification :G06F15/82

(31) Priority Document No :0910068.6

(32) Priority Date :12/06/2009

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

(86) International Application No :PCT/GB2010/050966

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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(72)Name of Inventor :

1)Graeme Roy SMITH

(57) Abstract :

The present invention relates to a shared resource multi-thread processor array. An array of heterogeneous function blocks are interconnected via a self-routing switch fabric, in which the individual function blocks have an associated switch port address. Each switch output port comprises a FIFO style memory that implements a plurality of separate queues. Thread queue empty flags are grouped using programmable circuit means to form selfsynchronised threads. Data from different threads are passed to the various addressable function blocks in a predefined sequence in order to implement the desired function. The separate port queues allows data from different threads to share the same hardware resources and the reconfiguration of switch fabric addresses further enables the formation of different data- paths allowing the array to be configured for use in various applications.

No. of Pages : 60 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.301/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : PREPARATION COMPRISING INSULIN&NBSP; NICOTINAMIDE AND AN AMINO ACID

(51) International classification :A61K 38/28
(31) Priority Document No :EP09163940.1
(32) Priority Date :26/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/059069
Filing Date :25/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Novo Nordisk A/S
Address of Applicant :Novo AllÃ©Â DK-2880 BagsvÃ©rdÂ
Denmark Denmark
(72)**Name of Inventor :**
1)OLSENÂ HelleÂ Birk
2)HAVELUND Svend
3)RIBEL Ulla
4)STURIS Jeppe
5)NAVER Helle
6)SCHLEIN Morten
7)LUDVIGSEN Svend

(57) Abstract :
Insulin preparations comprising an insulin compound or a mixture of two or more insulin compoundsÂ a nicotinic compound and an amino acid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3054/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :18/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PERFORMING EVENT-MATCHING WITH A GRAPHICAL PROCESSING UNIT

(51) International classification	:G06Q10/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INFOSYS TECHNOLOGIES LIMITED
Address of Applicant :IP CELL, PLOT NO 44,
ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
100 Karnataka India

(72)**Name of Inventor :**
1)SUDEEP MALLICK
2)MURALI KRISHNA EMANI

(57) Abstract :

A computer-implemented method for event matching in a complex event processing system includes receiving, with a computer processing device, a stream of event data; receiving, with a computer processing device, an event list and an access predicate list, wherein the event list includes one or more event data pairs; and identifying, with a graphical processing device, patterns in the stream of event data. Ref fig.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3107/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :20/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : CONTINOUS SUGAR MAINTAINING DEVICE (CSMD)

(51) International classification	:A61B5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMJAD ODAYAPURATH
(32) Priority Date	:NA	Address of Applicant :ODAYAPURATH (H) RANDATHANI
(33) Name of priority country	:NA	(PO), THOZHANOOR, 676 510, MALAPPURAM (DT) Kerala
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AMJAD ODAYAPURATH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

1) C S M D IS A MECHINE DESIGNED FOR HOSPITAL SET UP 2) CSMD IS A MECHINE WILL AUTOMATICALLY & MANNUALLY MONITORS BLOOD SUGAR AND SUPPLIMENT INSULIN ON THE BASIS OF PATIENTS NEED WITH ACCURITE DILUTION.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3122/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :21/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : VARIABLE HEIGHT PROTECTION COVER

(51) International classification	:B65B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:NA	RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MITHUN RAO
(87) International Publication No	: NA	2)KARTHIK REDDY
(61) Patent of Addition to Application Number	:NA	3)INIGO ANDRES
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a protection cover with variable height for to adapt itself to electrical devices of different heights. This is met by constructing a bellow like variable height feature in the protection cover. The protection cover also provides the flexibility of operating or using the electrical device immediately after installation to the user. The variable height feature constructed to meet the primary objective will augment this and in addition to this a hinge like flap is provided in the protection cover to enable access to the electrical device. FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3039/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :14/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : AN IMPROVED HEALTHY AIR COOLER

(51) International classification	:F24F6/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THIRUMALAI ANANDAMPILLAI ANANDVISHNU
(32) Priority Date	:NA	Address of Applicant :19, FIRST STREET,
(33) Name of priority country	:NA	PARTHASARATHY NAGAR, ADAMBAKKAM, CHENNAI -
(86) International Application No	:NA	600 088 Tamil Nadu India
Filing Date	:NA	2)THIRUMALI ANANDAMPILLAI VIJAYAN
(87) International Publication No	: NA	3)THIRUMALAI ANANDAMPILLAI APARNA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THIRUMALAI ANANDAMPILLAI ANANDVISHNU
(62) Divisional to Application Number	:NA	2)THIRUMALAI ANANDAMPILLAI VIJAYAN
Filing Date	:NA	3)THIRUMALAI ANANDAMPILLAI APARNA

(57) Abstract :

New air cooler has a plastic body with a front louver (10), back air inlet fitted with a detachable washable air filter (13). Inside is a black closed water tank (2) with a submersible electric water pump(3) connected through pipe(4) to spray rings (7)with water spraying holes(6) fitted around rotating blades(5) mounted below the blower(8)on the long shaft of the motor and enclosed in a channel(14). The black water tank has a water inlet (16), a drain (17) and closed insect proof lid (15). Air blower (12) and water pump (11) controls are fitted on the body for needed cool air flow. Sucked room air passes through the back inlet, enters the channel, and mixes with water spray formed by falling water (from water spray ring) falling on rotating blades(5), gets cooled and blown front. Healthy cool air is blown. Closed water tank prevents insect growth.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.304/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : LANCET

(51) International classification :A61B 5/151
(31) Priority Document No :09009000.2
(32) Priority Date :10/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/003548
Filing Date :12/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)F. HOFFMANN-LA ROCHE AG
Address of Applicant :124 GrenzacherstrasseÂ CH-4070
BaselÂ Switzerland Switzerland
(72)**Name of Inventor :**
1)HÂ-RAUFÂ Christian

(57) Abstract :

The invention relates to lancet comprising a flat shank (1) having a top side (1c) and a bottom side (1b)Â the shank (1) forming a blade (1a) at a forward endÂ the blade (1a) terminating in a point (2)Â the blade (1a) having two cutting edges (4) at the bottom side (1b)Â the cutting edges (4) converging in the point (2)Â and the shank (1) having on its bottom side (1b) at least one recess (3) for receiving a sampleÂ characterized in that the shank (1) turns into the blade (1a) on its top side (1c) at two edges (5) which converge in a vertex (6)Â and that the top side (1c) of the blade (1a) is curved convexly between the vertex (6) and the forward end (2)Â as seen in cross-section.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3058/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :18/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : A TWO STROKE INTERNAL COMBUSTION ENGINE WITH PROVISION FOR ENHANCED COOLING

(51) International classification	:F02B75/00
(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)TVS MOTOR COMPANY LIMITED
Address of Applicant : "JAYALAKSHMI ESTATES" NO.29
(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
Nadu India
(72)**Name of Inventor :**
1)DR OM PRAKASH SINGH
2)T SREENIVASULU
3)KRISHNABHATTA NAGARAJA

(57) Abstract :

A two stroke internal combustion engine with provision for enhanced cooling comprising a cylinder head and cylinder block wherein the fins on the cylinder block are parallel to the fins on the cylinder head; first and second sets of reliefs provided at the exhaust port from both sides whereby natural air and air from the cooling fan pass through the said sets of reliefs such that at higher vehicle speeds air coming from the cylinder head forces the air from the fan towards engine crankcase side and at lower vehicle speeds or in standstill condition, air from the fan cools both cylinder head and block.

No. of Pages : 14 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3059/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :18/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : AN AUTOMOTIVE DISC BRAKE SYSTEM WITH PROVISION FOR ENHANCED COOLING

(51) International classification	:F16D65/78,F16D65/847	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED Address of Applicant : "JAYALAKSHMI ESTATES" NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India
(31) Priority Document No	:NA	(72) Name of Inventor : 1)DR OM PRAKASH SINGH
(32) Priority Date	:NA	2)RAMAKANTA ROUTARAY
(33) Name of priority country	:NA	3)WINNEY KAKKANATTU MATHEWS
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 automotive disc brake system with provision for enhanced cooling comprising a plurality of vents made of high thermal conductivity materials, the heat generated due to braking friction between pad and rotor being quickly conducted to the said materials raising its surface temperature, the ambient air increasing the heat transfer from the surface; the width of the said material being less than the width of the rotor such that the pad does not directly rub against the said material; a step provided in the said material to firmly grip the said rotor for providing structural stability during braking operation; a plurality of graphite inserts irremovably introduced into the disc.

No. of Pages : 12 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3183/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :26/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR FACILITATING THROUGH AN INDEPENDENT PLATFORM CONNECTIVITY BETWEEN TWO OR MULTIPLE USERS OF COMMUNICATION USING WIRELESS SYSTEMS OR TELEPHONY ALONG WITH UNIQUE FEATURES, FACILITIES AND FUNCTIONS AT AND THROUGH THE FACILITATING PLATFORM.

(51) International classification

:H04M

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SATISH AMRUTHAM

Address of Applicant :7-1-39, FLAT#706,
SRINIKETHAN,SHYAM KARAN ROAD, AMEERPET,
HYDERABAD - 500 016. Andhra Pradesh India

(72)Name of Inventor :

1)SATISH AMRUTHAM

(57) Abstract :

A method/application of transmitting on the instrument used by a user/initiator of a communication using wireless or wired telecommunication facility a connectivity to a back end technology for intervention to enable making such communication virtually free of cost and such communication cost no longer dependent on such call comprising

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3123/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :21/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD OF PRODUCING SECONDARY METABOLITES FROM ISOLATED FUNGUS

(51) International classification	:C12N1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RISHI FOUNDATION
(32) Priority Date	:NA	Address of Applicant :#2392, 22ND CROSS, 7TH MAIN,
(33) Name of priority country	:NA	BANASHANKARI 2ND STAGE, BANGALORE - 560 070
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. ANURADHA MANIYAM
(61) Patent of Addition to Application Number	:NA	2)DR. SUBBANARASHIMHAN BALASUBRAMANYA
Filing Date	:NA	3)MR. RAOUF AHMAD MIR
(62) Divisional to Application Number	:NA	4)RUKAYA AMIN CHOWDERY
Filing Date	:NA	5)PRADEEP SURESH KAUSHIK

(57) Abstract :

According to the invention, the object is achieved by growing number of isolated fungus along with a plant producing required secondary metabolites. Identification of secondary metabolite positive fungus from said plurality of plant fungus. Isolation of a novel forskolin producing fungal strain having accession no. NFCCI 2028, wherein said fungal strain Rhizoctonia bataticola isolated from roots of Plectranthus barbatus. Extracting said secondary metabolite from forskolin positive fungus by providing all necessary conditions at optimum level. Enhanced production of secondary metabolite by subjecting secondary metabolite positive fungus to co-culturing, precursor feeding, stimulating and encapsulation to achieve the object.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3126/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : "SYSTEM AND METHOD OF INTERLEAVING DATA ACCORDING TO AN ADJUSTABLE PARAMETER"

(51) International classification

:H03M

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SanDisk Corporation

Address of Applicant :601 McCarthy Boulevard Milpitas
California 95035 USA U.S.A.

(72)Name of Inventor :

1)Manuel Antonio d'Abreu

2)Stephen Skala

3)Jayaprakash Naradasi

4)Anand Venkitachalam

(57) Abstract :

[0068] A method in a data storage device with a memory includes receiving bit values to be stored at a set of cells of the memory and interleaving the received bit values to form multiple interleaved groups of data bits according to an adjustable parameter. The method also includes writing the multiple interleaved groups of data bits to the set of cells.

No. of Pages : 31 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD FOR PERFORMING CARRIER MANAGEMENT PROCEDURE IN A MULTI-CARRIER SUPPORTED WIDEBAND WIRELESS COMMUNICATION SYSTEM AND APPARATUS FOR THE SAME

(51) International classification	:H04B7/26
(31) Priority Document No	:61/229,270
(32) Priority Date	:28/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/004884
Filing Date	:26/07/2010
(87) International Publication No	:WO 2011/013963 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)YUK, YOUNG SOO
4)KIM, YONG HO
5)JUNG, IN UK

(57) Abstract :

A method and apparatus for performing carrier management in a broadband wireless communication system supporting multiple carriers are disclosed. The method for a mobile station to perform carrier management procedure with a base station supporting multiple carriers includes receiving a carrier management command message from the base station, the carrier management command message including an action code for carrier management and a polling bit in a MAC Control Extended Header (MCEH) indicating whether an acknowledgement message is required, transmitting the acknowledgement message in response to the carrier management command message to the base station when the carrier management command message is successfully received and the polling bit is set to 1, and transmitting a carrier management indication message corresponding to the action code included in the carrier management command message to the base station.

No. of Pages : 154 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.319/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD FOR PERFORMING CARRIER MANAGEMENT PROCEDURE IN A MULTI-CARRIER SUPPORTED WIDEBAND WIRELESS COMMUNICATION SYSTEM AND APPARATUS FOR THE SAME

(51) International classification	:H04B1/69
(31) Priority Document No	:61/229,270
(32) Priority Date	:28/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/004958
Filing Date	:28/07/2010
(87) International Publication No	:WO 2011/014002 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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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)JUNG, IN UK
4)KIM, YONG HO
5)YUK, YOUNG SOO

(57) Abstract :

A method and apparatus performing carrier management in a broadband wireless communication system supporting multi-carrier (MC) are disclosed. A method for a single- carrier supported mobile station (MS) to perform a carrier change with a MC supported base station (BS) includes transmitting a message indicating a support of a basic MC mode in which the MS is aware of a MC operation of the BS, receiving a carrier management command message including an action code and an action time on a serving carrier, transmitting, in response to the carrier management command message, a confirmation message indicating readiness of signal transmission/reception through a target carrier on a target carrier, and receiving a control signal and data from the BS on the target carrier, wherein the serving carrier and the target carrier are controlled by a common Medium Access Control (MAC) of the BS.

No. of Pages : 156 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3066/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :18/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : AN APPARATUS FOR GENERATING ELECTRICITY AND A METHOD THEREOF

(51) International classification	:F03B13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THOTHATHRI SAMPATH KUMAR
(32) Priority Date	:NA	Address of Applicant :# 651, 11TH MAIN ROAD, V
(33) Name of priority country	:NA	BLOCK, JAYA NAGAR, BANGALORE - 560 041 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)THOTHATHRI SAMPATH KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a solution to the problems associated in prior art for converting wave energy in to electrical energy. Basically, the disclosure provides an apparatus for capturing and converting mechanical energy from a water body in to electricity. Additionally, the apparatus is very economical or cost effective, easy to assemble and easy to install on a water body. Figure: 7

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3083/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :19/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : ROTATING PART OF A SPINDLE AND METHOD OF MAKING THE SAME

(51) International classification

:B65H

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)V.NIRMHAL KUMAR

Address of Applicant :NO.11, PROFESSOR COLONY, K.K.
PUDUR ROAD, VELANDIPALAYAM POST, COIMBATORE -
641 025. Tamil Nadu India

(72)Name of Inventor :

1)V.NIRMHAL KUMAR

(57) Abstract :

The rotating part of a textile spindle for spinning or twisting machines comprises a wharve made of double piece with aluminium alloy and a thin steel sheet cover at the circumference of the belt driving portion of the wharve casted together or completely made of wear resistance plastic or plastic alloy leading to reduction in weight of wharve. The plug part of spindle is made of plastic or plastic alloy and the wharve made lighter with aluminum alloy or wear resistance piastic or plastic alloy and the spindle blade length has been reduced due to weight reduction of the plug part which otherwise is made of aluminium and heavier. The rotating part of a spindle can thus be produced with reduced weight, cost-effectively and with a high level of precision and with higher productivity.

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3084/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :19/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : HAND GESTURE RECOGNITION

(51) International classification	:G06K9/62	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HEWLETT-PACKARD DEVELOPMENT COMPANYÂ
(32) Priority Date	:NA	L.P.
(33) Name of priority country	:NA	Address of Applicant :11445 Compaq Center Drive West
(86) International Application No	:NA	HoustonÂ TX 77070 USA U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Anbumani SUBRAMANIAN
(61) Patent of Addition to Application Number	:NA	2)Vinod PATHANGAY
Filing Date	:NA	3)Dinesh MANDALAPU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract of the Disclosure Systems, methods, and machine readable and executable instructions are provided for hand gesture recognition. A method for hand gesture recognition can include detecting, with an image input device in communication with a computing device, movement of an object. A hand pose associated with the moving object is recognized and a response corresponding to the hand pose is initiated. (Fig. 1)

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.310/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : OPERATION KEY AND TERMINAL DEVICE

(51) International classification :G06F3/02
(31) Priority Document No :2009-164059
(32) Priority Date :10/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/061647
Filing Date :02/07/2010
(87) International Publication No :WO 2011/004878
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU,
TOKYO 108-8001 Japan
(72)**Name of Inventor :**
1)IWAKI, YOSHIHIRO

(57) Abstract :

Provided is an operation key in which power of a finger is efficiently transmitted and a terminal device equipped with the operation key. The operation key is equipped with a first surface which protrudes upwards in an entire region and has an upper side which is smoothly curved part having a maximum point between both corners and a second surface which overlays the curved part and the opposing side of the first surface, protrudes upwards in the entire region in a direction of the opposing side, has the maximum point between the both corners, and is a curved surface which is descended in a direction crossing at right angles with the opposing side, wherein a length of a line from the maximum point of the first surface to a bottom side of the first surface perpendicularly to the bottom side along the first surface is shorter than a length of a line from the maximum point to a side which is opposing the first surface perpendicularly to the opposing side along the second surface.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3200/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :27/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : ARTIFICIAL MILK

(51) International classification

:a23C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)M. MURALI

(57) Abstract :

The present invention relates to an improved form of artificial milk which may be used as a total milk substitute, for both drinking and for cooking. Particularly, the present invention relates to artificial milk with all the essential characteristic of natural milk. More particularly the present invention meets the nutritional requirement of natural milk and contains no milk products. Thus the present invention relates to an improved form of artificial milk which is 100% transparent (colorless) and is completely soluble in water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3203/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR WHAT-IF ANALYSIS OF A UNIVERSITY BASED ON UNIVERSITY MODEL GRAPH

(51) International classification

:G06Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SRIDHAR VARADARAJAN

2)SRIVIDYA GOPALAN

3)PREETHY IYER

4)AMIT THAWANI

(57) Abstract :

An educational institution (also referred as a university) is structurally modeled using a university model graph. A key benefit of modeling of the educational institution is to help in an introspective analysis by the educational institute. Specifically, the model is quite beneficial for undertaking the analysis of the various issues faced by the educational institute. A what-if scenario requires the model to be suitably changed to address the issue under consideration and the changed model needs to be analyzed to determine how the issue could be handled. A system and method for what-if scenario analysis based on the university model graph is discussed.

No. of Pages : 57 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3204/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : A PROCESS OF PHOTOELIMINATION OF ETHIDIUM BROMIDE, A POTENT MUTAGEN USING RENEWABLE SOURCE OF ENERGY

(51) International classification	:B01J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JAIN UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :JAKKASANDHRA POST
(33) Name of priority country	:NA	KANKAPURA MAIN ROAD BANGALORE RURAL
(86) International Application No	:NA	DISTRICT - 562 112 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)R. GEETHA BALAKRISHNA
(61) Patent of Addition to Application Number	:NA	2)S.M. SANTHOSH
Filing Date	:NA	3)S. SWETHA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a photocatalyst for photoelimination of a potent mutagen EtBr from contaminant samples using a renewable source of energy, the photocatalyst comprising titania TiO₂ modified by a dopant selected from transition elements.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3227/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : PRINTING SYSTEM AND METHOD

(51) International classification	:G06F17/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)Srinivasu GODAVARI
2)Kapaleeswaran VISWANATHAN
3)Anjaneyulu Seetha Rama KUCHIBHOTLA

(57) Abstract :

Disclosed is a printing system and method for printing documents over a network. The system comprises: a document server connected to the network, the documents being accessible via the document server; a client device connected to the network and adapted to transmit a document print request identifying a document to be printed; a print access server connected to the network and adapted to receive the document print request and, in response to the received document print request, transmit a print token, the print token identifying the document to be printed and a printer for printing the document; and a printer connected to the network, the printer being adapted to receive a print token and to retrieve and print a document via the document server based on the received print token. [FIG. 2]

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3228/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : PRESERVATION OF BIOLOGICAL SPECIMENS BY RECYCLING ENVIRONMENTAL POLLUTANTS

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. R.V. PRASAD
(32) Priority Date	:NA	Address of Applicant :H.NO. 558, 4TH CROSS, HMT
(33) Name of priority country	:NA	LAYOUT, RT NAGAR, BANGALORE - 560 032 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	2)DR. V. RAMKRISHNA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. R.V. PRASAD
Filing Date	:NA	2)DR. V. RAMKRISHNA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for preserving the biological specimens of animal kingdom effectively. Particularly, the invention provides for a low-cost, non-toxic biological specimen preservation method comprising fixing the specimens in formal saline solution; dehydrating in one or more changes the specimens using acetone; impregnating/infiltrating the specimens in a solution obtained by dissolving environmental pollutants such as plastic teacups and thermocol products using organic solvents; draining the excess solution and drying the specimens. More particularly, the present invention provides for the reduction and elimination of the use of formalin, which is a carcinogen with several toxic effects, as a specimen preservation solution.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.325/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHODS AND APPARATUS FOR IMPROVING POWER EFFICIENCY AND LATENCY OF MOBILE DEVICES USING AB OUT OF BAND WIRELESS RESOURCE

(51) International classification :H04W16/14
(31) Priority Document No :12/507,578
(32) Priority Date :22/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042814
Filing Date :21/07/2010
(87) International Publication No :WO 2011/011557 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)JUNYI LI
2)SAURABH R. TAVILDAR
3)ALEKSANDAR JOVICIC
4)THOMAS J. RICHARDSON

(57) Abstract :

Methods and apparatus of using a licensed spectrum to transmit data when an unlicensed spectrum is congested are disclosed. The method includes transmitting a first signal from a first mobile device to a second mobile device using an unlicensed spectrum, determining, at the first mobile device, whether a first response signal has been received by the first mobile device using the unlicensed spectrum, and transmitting a second signal from the first mobile device to the second mobile device using a licensed spectrum when the first response signal has not been received by the first mobile device using the unlicensed spectrum.

No. of Pages : 21 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3198/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :27/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : NATURAL READY TO COOK INGREDIENTS

(51) International classification	:a2311/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M. MURALI
(32) Priority Date	:NA	Address of Applicant :NO. 5, DR. SINGARAVELU STREET,
(33) Name of priority country	:NA	PONDY BAZAAR, T. NAGAR, CHENNAI - 600 017 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)M. MURALI
(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 ready to cook natural ingredients. More specifically, the present invention relates to ready to cook ingredients that contain no artificial flavors to increase the shelf life. Moreover, the ingredients are all natural, stable and are in their most functional environment. In the present invention, the ingredients are packed with a pre determined weight and ratio in a multi-compartment package. Further, the present invention is provided with instruction manual which enables the cook to mix the ingredients and make ready to eat food. Advantageously, the ready to cook ingredients has acceptable appearance, texture, flavor and aroma characteristics.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3212/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : CYCLOMETALATED IRIIDIUM (III) COMPLEXES FOR LIGHT EMITTING DIODES

(51) International classification

:H01L,
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)ANNAMALAI UNVIERSITY

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(DEPARTMENT OF CHEMISTRY) ANNAMALAI NAGAR

CHIDAMBARAM - 608 002 Tamil Nadu India

(72)Name of Inventor :

1)JAYABHARATHI JAYARAM

2)THANIKACHALAM VENUGOPAL

(57) Abstract :

The present invention provides green light emitting Iridium (III) complexes of formula [I] with high quantum efficiencies, wherein L-X is a monoanionic bidentate ancillary ligand selected from the group consisting of 3-trifluoromethyl-5-(pyridine-2-yl)-1,2,4-triazole, 3-trifluoromethyl-5-imidazole-1,2-triazole and 3-trifluoromethyl-5-pyridinyl-1,2-diazole.

No. of Pages : 46 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3216/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : PROVIDING CLOUD-BASED COMPUTING SERVICES

(51) International classification	:G06F9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HEWLETT-PACKARD DEVELOPMENT COMPANYÂ
(32) Priority Date	:NA	L.P
(33) Name of priority country	:NA	Address of Applicant :11445 Compaq Center Drive WestÂ
(86) International Application No	:NA	HoustonÂ TX 77070Â U.S.A. U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ANAND ESWARAN
(61) Patent of Addition to Application Number	:NA	2)DEVAKI VAMSI
Filing Date	:NA	3)VISHWAS VENKATESH PAI
(62) Divisional to Application Number	:NA	4)SRINIVAS GUNTUPALLI
Filing Date	:NA	

(57) Abstract :

In a method for providing a cloud-based computing service to a user, a request for the computing service to be performed for the user is received, in which, the request includes a selection of at least one flow-slice, the at least one flow-slice comprising a network abstraction of a network pay-per-use unit. In addition, workloads to be performed by a plurality of infrastructure components to satisfy the at least one flow-slice are estimated and a provisioning scheme for the plurality of infrastructure components to implement the estimated workloads on the plurality of infrastructure components is determined. [FIG. 1]

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.332/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CONTINUOUSLY PRODUCING A LIQUID MIXTURE

(51) International classification :G01F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CH2009/000217
Filing Date :24/06/2009
(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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ZofingenÂ Switzerland Switzerland
2)CADEO Angelo
(72)Name of Inventor :
1)CADEOÂ Angelo
2)EGGLER Thomas

(57) Abstract :

The invention relates to a system (30) for continuously producing a liquid product (P) comprising at least two liquid components (k1Â k2) that can be pumpedÂ wherein the system comprises two storage tanks (1aÂ 1b) for each component (k1Â k2)Â two mass-flow control circuits (2aÂ 2b) for the storage tanks (1aÂ 1b) for establishing a target mass flow of the component (k1Â k2)Â a first line (9a) into which the components of the liquid product (P) are fedÂ a second line (9b) for feeding in carbon dioxideÂ and a filling tank (1c)Â wherein the first line (9a) feeds the liquid product (P) mixed with carbon dioxide into the filling tank (1c)Â wherein the storage tanks (1aÂ 1b) and the filling tank (1c) are designed as pressure vessels and are interconnected by means of at least one

No. of Pages : 23 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.334/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND KIT FOR DETECTION OF GUAIACOL-PRODUCING BACTERIUM

(51) International classification :C12P
(31) Priority Document No :2009-142242
(32) Priority Date :15/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/003956
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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Shibuya-kuÂ Tokyo 150-0022Â Japan Japan
(72)Name of Inventor :
1)MURAKAMIÂ Hiroaki
2)TAKASE Masanori

(57) Abstract :

Disclosed is a method for detecting guaiacol-producing bacteria in a specimen comprising culturing the specimen or a dilution thereof on a plate of a solid medium for acidophilic bacteria comprising a compound represented by the following formulaÂ wherein R is -HÂ -OHÂ -C(O)HÂ -C(O)CH3Â -COOHÂ C1-C3 alkyl or C1-C3 alkenylÂ wherein alkyl and alkenyl may optionally be substituted by -OHÂ -C(O)H or â€“COOH); and detecting a colony formed on the solid medium. According to preferred embodimentsÂ the solid medium for acidophilic bacteria comprises 50 ppm or more of vanillic acid and the plate culture is carried out at 20°C to 55°C.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3201/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :27/10/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEM FOR DISPLAYING RECIPES IN WIRELESS DEVICES

(51) International classification

:G09B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

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Nadu India

(72)Name of Inventor :

1)M. MURALI

(57) Abstract :

The present invention relates to a system for displaying recipes. More specifically, it relates to a system for displaying recipes for food products on mobile phones and other wireless devices. The system facilitates the users to observe the various steps and ingredients necessary to prepare a wide variety of food dishes from all over the world. Advantageously, the system includes video, sound and verbal instructions to enhance both the learning and the visual observation of food preparation. Further, the present invention provides the ability to access information in preparation of diverse multi-cultural food. It also provides information on the ratio of ingredients relating to larger or smaller portions, a greater or less number of servings or variations in different preparations.

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.330/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : OPTIMIZING ADS BY CUSTOMIZATION FOR A TARGET DEVICE

(51) International classification :G06Q30/00
(31) Priority Document No :12/506762
(32) Priority Date :21/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042564
Filing Date :20/07/2010
(87) International Publication No :WO 2011/011387 A3
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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2)NANDA, GABRIEL

3)PICARD, ERIC

4)BRUN, ERIC

5)BIRD, AARON

6)BOHRER, RICK

7)SCHIAPPA, DAN

8)ALI, ALAM

(57) Abstract :

Computer systems, methods and media for optimizing an advertisement are provided. Creative elements for an ad campaign are received from an advertiser. In response to an ad call from a target device, device information, application information, and user information are accessed. Based on the accessed information and the creative elements of the dynamic creative, a customized ad is created that includes an optimized set of creative elements for the target device and the application such that the user gets an optimized user experience regardless of the target device presenting the and.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3362/CHE/2011 A

(43) Publication Date : 29/03/2013

(54) Title of the invention : POOL SAVER

(51) International classification

:E04H

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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SUBRAMANIYA NAGAR EXTN., MADIPAKKAM,
CHENNAI - 91 Tamil Nadu India

(72)Name of Inventor :

1)ASOKAN.B

(57) Abstract :

This invention "Pool Saver" relates to automatically saving a child/person from drowning in the swimming pool. There is no equipment to save a person from drowning in the swimming pool. This invention is three-way automatic rescue equipment. "Pool Saver" contains the following: (i) a small plastic or metal pole fitted with a micro phone and an alarm is placed at the outside the swimming pool, (ii) a scissor-jack life-pad fitted with infrared sensors, placed at the bottom of a swimming pool and operated by a submersible/external motor and lifted through thread rod or hydraulic lever, and (iii) a vertical pole from the life-pad, which stands up against the wall of the swimming pool, up to the top water level of the swimming pool. In the middle and downward of this vertical pole infrared sensors are fitted. In the context of prior art, there are life-tubes, lifejackets, and sensors. However, when a person is caught without such guards, in the deep area of the pool, there is nothing to save him. There are sensors combined with a centrally processing computer, to alert a supervisor or a monitoring person about a struggling man in the pool. However, in such cases, there needs to be a supervisor/lifeguard present on the spot to reach out to help the person struggling in the water. In the absence of a supervisor, there can be no help to the struggling child or person in the swimming pool. Rescue can also become very difficult when a swimming pool is crowded. It is difficult to find the person struggling for life. Thus, there is no product which can not only alert but also save by itself the person or child struggling underwater for life. This invention, "Pool Saver" solves all these challenges and problems by independently detecting and saving a person struggling for life in the swimming pool, without the need for human intervention. The microphones save in the initial stage of struggle; the tubular frame, with powerful sensors and cameras, helps save a child or person, when he starts to sink. If these fail to detect, such a failure being remote, the Life-pad itself detects the image and saves the person by rising itself to the surface of the water, thereby raising the struggling drowning child or person to the surface of the swimming pool.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : ROUND COMB CLOTHING

(51) International classification :D01G19/10
(31) Priority Document No :10 2009 032 799.1
(32) Priority Date :10/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/058922
Filing Date :23/06/2010
(87) International Publication No :WO 2011/003743
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)STAEDTLER+UHL KG
Address of Applicant :NORDLICHE RINGSTRASSE 12,
91126, SCHWABACH Germany
(72)**Name of Inventor :**
1)HENNINGER, FRIEDRICH

(57) Abstract :

Comb clothing (1) for a combing roller, which can be rotated about a rotational axis (4a), of a textile machine, in particular a combing machine, and in particular for a circular comb, comprising at least a first and a second comb segment region (2, 3), which are arranged one behind the other, viewed in a rotational direction (4) of the combing roller, and are formed by sawtooth stamped parts (5), which are arranged next to one another in the direction of the rotational axis (4a), with teeth (7) extending away from a foot part (6), wherein a configuration of the teeth (7) within the first comb segment region (2) changes in such a way that the combing effect of the teeth (7) increases counter to the rotational direction (4) and wherein the teeth (7) within the second comb segment region (3) are configured in such a way that the combing effect within the second comb segment region (3) is less than at the end (11), viewed counter to the rotational direction (4), of the first comb segment region (2) and a configuration of the teeth (7) within the second comb segment region (3) changes in such a way that the combing effect of the teeth (7) decreases counter to the rotational direction (4). - Fig. 1 -

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3257/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :24/12/2008

(43) Publication Date : 29/03/2013

(54) Title of the invention : A SOLDER-TYPE LAMPHOLDER

(51) International classification

:H01R

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)YAOÂ Limin

(57) Abstract :

The present invention pertains to a solder-type lampholder being of a bayonet-type or a threaded-type holder that comprises a metal case, an insulator, at least one conductive cap and one conductive wire with a wire end. Wherein, the insulator and the conductive cap are respectively fitted on the top of the metal case and the insulator. With at least one aperture and opening defined on the top of the insulator, the conductive wire can penetrate the aperture, and the wire end can be soldered on the inner periphery of the conductive cap. Accordingly, a fixing plate integrally extending from the periphery of the conductive cap further inserts into the opening by its curved stern grasping the opening, which hence constructs a compact relationship. Thus, the replacement of the present conductive cap for the conventional soldered conductive lump facilitates to simplify installations with lower costs and increase market competitiveness.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.326/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : TEXTURE COMPRESSION IN A VIDEO DECODER FOR EFFICIENT 2D-3D RENDERING

(51) International classification :H04N5/76
(31) Priority Document No :12/494,839
(32) Priority Date :30/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040480
Filing Date :28/03/2003
(87) International Publication No :WO 2003/088658 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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DIEGO, CALIFORNIA 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)RAGHAVENDRA C. NAGARAJ
2)STEPHEN A. MOLLOY

(57) Abstract :

In a video decoding system, a method and system for decoding previously encoded frames of video into a compressed and uncompressed format. The uncompressed format frames may be further stored and utilized to decode additional frames of video. The compressed format frames may be further stored and provided to a display processor to be rendered with additional textures.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3375/CHE/2011 A

(43) Publication Date : 29/03/2013

(54) Title of the invention : CYBERTRANSMAYA

(51) International classification	:G06T	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. AJITH KUMAR V.S.
(32) Priority Date	:NA	Address of Applicant :KUNNIL HOUSE, T.C.11/1266,
(33) Name of priority country	:NA	Y.M.R. JUNCTION, NANTHENCODE P.O, TRIVANDRUM -
(86) International Application No	:NA	695 003 Kerala India
Filing Date	:NA	2)DR. ARUNKUMAR V.S.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. AJITH KUMAR V.S.
Filing Date	:NA	2)DR. ARUNKUMAR V.S.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This project is a merger of the latest technology the computer industry has to offer and the latest and greatest ideas from the entertainment industry. This project is designed to bring the two industries together in a blend of technology and entertainment that the world has been waiting for. This project will allow people to enjoy experiences that they may not otherwise be able to enjoy (explained here in "what is VR -VIRTUAL REALITY "). In the final culmination of the project the virtual reality aspects will be joined by other aspects to make the facility a true family environment, These aspects will include a coffee shop, Internet stations, local area networked gaming stations, snack bars, juice bars, restaurants, and outside adventures. These areas will finish out the project. Virtual Reality also referred to, as "VR" is a word that describes an artificial computer generated environment. Not only does the technology now exist to make VR possible but also the general public has shown quite an appetite for VR entertainment. This means that now you can experience things you never thought possible, because of fear, cost and the many other reasons that we have found for not risking our lives for the thrill. With the technology of today's VR you can experience the feel and sensations of flying a plane, a hang glider, an ultra light, or even the feel of driving a car at speeds that most of us will never get the chance. How is this done? VR is a totally immersive system. This means that when you are in VR you cannot tell the difference between it and real life - at least your mind cannot. You can get the sensation of being in the many places we would not normally get the chance to be. In one VR experience you can get the sensation of piloting a 60-foot tall-mechanized robot from another planet against other player in a fight for the freedom of the universe. There are many such VR experiences capable with today's technology and as technology improves it will only make for better and more real experiences.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.333/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : TULIP CONTACT AND ELECTRICAL CONTACT SYSTEM FOR SWITCHING DEVICE

(51) International classification :H01R

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2009/073212

Filing Date :12/08/2009

(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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Address of Applicant :Affolternstrasse 44Â CH-8050
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(72)Name of Inventor :

1)TUÂ Zhanwei

2)ZHU Kuikui

3)LV Yurong

(57) Abstract :

The present invention provides a tulip contact and electrical contact system with tulip contact for switching device which possess better conductivity and heat elimination stronger structure and reliability. The tulip contact comprises a plurality of outer contact fingers (51) and inner contact fingers (51'). The outer contact fingers (51) forming a shape of the outer surface (41) of fixed contact (4) in order to make the contact surface (511) of each of these fingers contact with the outer surface (41) of fixed contact (4). The inner contact fingers (51') forming a shape of the inner surface (42) of fixed contact (4) in order to make the contact surface (511') of each of these fingers contact with the inner surface (42) of fixed contact (4). Each said contact finger (51 51') comprises a first contact bulge (512 512') for contacting with the surfaces (41 42) of the fixed contact (4) and a second contact bulge (513) for contacting with the bushing (6). And each said contact bulge (512 512') comprises a contact slot (515) on its surface. The first contact bulges (512) of the outer contact fingers (51) are not at the same cross section with the first contact bulges (512') of the inner contact fingers (51'). The fixed contact comprises a plurality of openings (44) for ventilation.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.335/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : PROCESS FOR REINFORCING A RIGID PLASTIC FUEL TANK

(51) International classification :B60K
(31) Priority Document No :61/187,106
(32) Priority Date :15/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/058075
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

(71)Name of Applicant :
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2)HILL David
3)CRIEL Bjorn
4)CUVELIER Vincent
5)VAN SCHAFTINGEN Jules-Joseph

(57) Abstract :

Process for reinforcing a plastic fuel tank comprising a wall defining an internal closed volume according to which a structural member is fixed to the wall of the tank outside the closed volume in at least two points being located in two different portions of said wall where a deflection induced when the tank is filled with fuel is low; and said structure having at least one contact point with the tank wall in a portion of said wall where the deflection is high.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/01/2012

(21) Application No.337/CHENP/2012 A

(43) Publication Date : 29/03/2013

(54) Title of the invention : "MEDICINAL CARBOHYDRATES FOR TREATMENT OF RESPIRATORY CONDITIONS"

(51) International classification :A61K
(31) Priority Document No :2009903123
(32) Priority Date :03/07/2009
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2010/000846
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

(71)Name of Applicant :
1)AUSTRALIAN BIOMEDICAL COMPANY PTY LTD.
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(72)Name of Inventor :
1)JIN Betty
2)JONES Paul Arthur
3)SEAH Ee Ling
4)WU Wen Yang
5)JENKINS Peter James

(57) Abstract :

The present invention relates to a method and compounds of Formula (1) and/or (2) or their pharmaceutically acceptable inorganic or organic salt thereof and their compositions for treating respiratory conditions including post viral/bacterial infections acute/chronic bronchitis COPD cystic fibrosis and inflammatory conditions. It has been found by the applicants that the compounds of Formula (1) and/or (2) or their pharmaceutically acceptable inorganic or organic salt thereof could speed up the recovery of the viability of damaged respiratory tract cells by restoring sialylglyco- conjugates on their surface.

No. of Pages : 56 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.339/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : DRIVE MECHANISM FOR AN INJECTION DEVICE AND AN INJECTION DEVICE WITH SUCH A DRIVE MECHANISM

(51) International classification	:A61M
(31) Priority Document No	:09009214.9
(32) Priority Date	:15/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/060127
Filing Date	:14/07/2010
(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)Sanofi-Aventis Deutschland GmbH
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(72)**Name of Inventor :**
1)JONESÄ Christopher

(57) Abstract :

Abstract A drive mechanism (10) for an injection device in which a piston (26) is successively moved in a first axial direction in relation to a medicament cartridge (12) containing a medicament selectively to drive a bung (18) closing a first end (15) of the medicament cartridge (12) into the medicament cartridge (12) to expel medicament through a delivery member (16) located at a second end of the medicament cartridge (12)Ä the drive mechanism (10) comprising: a base member (20)Ä a first drive member (22) fixed relative to the base member (20)Ä a second drive member (24) axially and rotatably moveable relative to the first drive member (22) and a piston member (26) axially moveable relative to the first (22) and second (24)

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.336/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD FOR INTERACTIVE DIGITAL CINEMA SYSTEM

(51) International classification	:H04N
(31) Priority Document No	:09163403.0
(32) Priority Date	:22/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058394
Filing Date	:15/06/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)Nick VANDENBULCKE

2)Maarten KRZESINSKI

(57) Abstract :

A method and system for providing interactive cinemaÂ comprising the steps of collecting digital data from members of an audience in response to content projected in a cinemaÂ processing said dataÂ interfacing said data by means of a digital content interface with a digital content serverÂ providing interactive content based on said data.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.338/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : PLASTIC PAN AND DRAIN PLUG ASSEMBLY

(51) International classification :F01M
(31) Priority Document No :61/270,837
(32) Priority Date :14/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/001954
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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43537 USA U.S.A.

(72)Name of Inventor :

1)COOK Chris M.

2)PUCKETT Michael

(57) Abstract :

Abstract A Plastic pan and a plastic drain plug assembly is disclosed. The pan has upstanding walls a bottom wall an exterior surface and an interior surface. One of the walls has an opening extending through it. On the exterior the opening has a circular raised collar with cutouts opposite each other and stop tabs located between the cutouts. On the interior the opening has a circular raised non-threaded tubular wall. A portion of the non-threaded tubular wall has nibs projecting into the opening. The plug has a head portion a body portion an end portion. The head portion has an upstanding crown with downwardly extending tabs located opposite each other. The body portion has a circular groove and a spiral groove. The end portion of the plug is tapered.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.34/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD FOR SELECTING A NETWORK RESOURCE

(51) International classification :H04L29/06

(31) Priority Document No :0954468

(32) Priority Date :30/06/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/051252
Filing Date :21/06/2010

(87) International Publication No :WO 2011/001061
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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France

(72)Name of Inventor :

1)JEAN-CLAUDE LE ROUZIC

2)JOSE DOREE

(57) Abstract :

The invention relates to a method of selecting a network resource, in which a "controlled-entity" device (10, 11) connected to an IP network (20) is also capable of accessing at least one other physical and/or virtual telecommunications network. According to the invention, after a step in which a request is sent or relayed by said controlled-entity (10, 11) or is sent to said controlled-entity (10, 11), the controlled-entity (10, 11) then receives a session control signal containing a resource identifier representative of the physical or virtual network that the controlled-entity (10, 11) may or must use in order to satisfy said request.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.340/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : THRUST BEARING ASSEMBLY DRIVE TRAIN AND MEDICAMENT DELIVERY DEVICE

(51) International classification	:A61K
(31) Priority Document No	:09009213.1
(32) Priority Date	:15/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/060126
Filing Date	:14/07/2010
(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)HOLDGATEÄ James
2)LANGLEY Christopher
3)JONES Christopher

(57) Abstract :

Abstract A thrust bearing assembly for guiding and driving a piston member having a lead screw for dispensing a medium of a delivery device when the piston member is driven in a first axial direction is provided. The thrust bearing assembly comprises a thrust bearing means for being integrated in the delivery deviceÄ a passageway for guiding the lead screwÄ and a rotary drive means for driving the lead screw and being fitted into or onto the thrust bearing means while being rotatable with regard to the thrust bearing. FurtherÄ the thrust bearing means comprises a thrust face which limits axial movement of the rotary drive means when driving the lead screw in the first axial direction. A drive train and a medicament delivery device in which the thrust bearing assembly is integrated are also provided. (Fig. 7)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3403/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :12/11/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : HYDRAULIC AND SPRING CRASH GUARD

(51) International classification	:B60R	(71) Name of Applicant :
(31) Priority Document No	:NA	1)S. THIRUGNANAM
(32) Priority Date	:NA	Address of Applicant :S/O. V.SUBRAMANI,
(33) Name of priority country	:NA	KOLINAYACKENPATTI(VILL), M.VELLALAPATTI(P.O),
(86) International Application No	:NA	UTHANGARAI (T.K), KRISHNAGIRI(D.T), PIN - 635 304
Filing Date	:NA	Tamil Nadu India
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)S. THIRUGNANAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device useful in reducing the collision impact on a vehicle and the passengers of the vehicle during an accident is disclosed. The device is a hydraulic and spring crash guard consisting of an iron rod 10 attached to an iron p[late 5. The iron plate 5 is attaches to piston rod 4 with a piston 6 and is supported by two springs 7 and 8. The cylinder 1 consisting of hydraulic oil 9 is attached to iron plate 2 and the other end has a screw lid 3. By attaching this assembly kit to a motor vehicle in front, rear and sides the collision effect can be reduced during accidents. If necessary this assembly kit can be altered to the bumper of a vehicle itself.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.342/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : MEDICAMENT CONTAINER

(51) International classification :A61M 15/00
(31) Priority Document No :09009188.5
(32) Priority Date :14/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/060125
Filing Date :14/07/2010
(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)NAGELÄ Thomas

2)RICHTER RenÄ©

3)WITT Robert

(57) Abstract :

The invention relates to a medicament container (2)Ä comprising a bag (2.1) with an outlet (2.2)Ä the bag (2.1) compressible by a compression means (3)Ä the bag (2.1) arranged to be essentially inflexible and arranged for turning flexible in an area subjected to a compression means (3). The invention further relates to an injection arrangement (1) for delivering a liquid medicament comprising the medicament container (2). FIG 1

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : GRAPHICAL AUTHENTICATION

(51) International classification	:G02F
(31) Priority Document No	:0910545.3
(32) Priority Date	:18/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001173
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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(72)Name of Inventor :

1)RIDDIFORD Martin

(57) Abstract :

A method includes displaying a base image and a secondary image overlying the base image on a displayÂ detecting an alignment of a first element of the base image with a second element of the secondary imageÂ and when the first element and the second element are pre-selected elements for a userÂ authenticating the user.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3486/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : ENERGY (POWER) BOOSTER USING MECHANICAL ROTARY LEVERAGE SYSTEM

(51) International classification

:H02K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)V.K. GOVINDASWAMY

(57) Abstract :

Present stand-by or automobile energy generation system utilizes grid power/solar system/battery/fuel or equivalent to store and generate/produce energy to power any device that is run by electric current. Our invented system that generates energy on a continuous basis with any input energy that produces in excess of 2275 w of power without using any sort of external interactions. Upon generation of power by system, small amount of power is looped back to PMDC motor that powers system when started. Additional power that"s sent out via outlet, used for various applications that include and not limited to lightings, kitchen appliances, hot plates, automotives, power tools, water pumps or any other devices that requires electrical power multiples of such units can be used to produce energy of any capacity. This method advantageous over any previous art and it provides electrical energy to devices and automobiles at a fraction of cost while maintaining eco friendly environment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3487/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : INTRAMEDULLARY ROD SYSTEM

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. C. PADMAKUMAR
(32) Priority Date	:NA	Address of Applicant :NANDANAM, GANDHINAGAR P.O.
(33) Name of priority country	:NA	KOTTAYAM - 686 008. Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. C. PADMAKUMAR
(87) 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 intramedullary rod system includes a distal trans cortical screw, a locking guide wire, a hollow locking head, a hollow guide rod and a tubular hollow intramedullary rod. The distal trans cortical screw has a head with a provision to attach a distal jig and a locking section at its middle with an outer surface shaped complimentary to the inner surface of the gap between the prongs of the locking head with which it engages. The intramedullary rod has at its distal end an interior surface second section shaped complimentary to the outer surface of the proximal part of the locking head, which prevents rotatory movement between the two while allowing only a sliding movement. The distal trans-cortical screw is first inserted across the distal end of the bone such that the locking section is at the middle of the medullary canal and perpendicular to it and the locking guide wire is passed through the medullary canal to distal end of the bone to go past the screw through the available gap. The locking head is now screwed on to the distal end of the hollow guide rod and inserted into the medullary canal over the locking guide wire maintaining the alignment between the gap between the prongs and the distal locking screw. As the straight guide rod exerts a centralization force on the more flexible locking guide wire, the latter is forced against the distal trans-cortical screw as the locking head approaches the screw and finally the latter is sandwiched between one of the prongs of the locking head and the distal trans-cortical screw. At this point the locking wire is pulled out to engage the locking head on to the middle segment of the locking screw. The intra medullary rod is now inserted over the hollow guide rod to fully engage the locking head. The complimentary shapes of the guide rod exterior surface proximal part and the intramedullary rod interior surface first section at the distal end will prevent rotation with respect to each other until the intramedullary rod sufficiently engages the locking head, when the hollow guide rod free to be unscrewed from the locking head and removed. The locking head connecting the intramedullary rod with the distal trans- cortical screw provides distal locking. Distal jig is attached to the distal trans-cortical screw, which will align the holes in the intramedullary rod distal end to allow placement of additional locking screws without the use of targeting. The sliding mechanism between; the locking head and the intramedullary rod allows compression or distraction at the fracture site when required.

No. of Pages : 57 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.345/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHODS AND APPARATUS FOR USING A LICENSED SPECTRUM TO TRANSMIT A SIGNAL WHEN AN UNLICENSED SPECTRUM IS CONGESTED

(51) International classification :H04W
(31) Priority Document No :12/510,353
(32) Priority Date :28/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043173
Filing Date :24/07/2010
(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)TAVILDAR Saurabh R.
3)JOVICIC Aleksandar
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(57) Abstract :

Methods and apparatus of using a licensed spectrum to transmit a signal when an unlicensed spectrum is congested are disclosed. One method includes receiving at a first mobile device a request signal from a second mobile device receiving at the first mobile device a remote signal from one or more mobile devices using the unlicensed spectrum and transmitting a control signal from the first mobile device to the second mobile device using the licensed spectrum the control signal being based on the remote signal. The control signal carries control information that is based on at least one of a time at which the second mobile device sends a signal to the first mobile device or the received powers of the remote signal and the request signal.

No. of Pages : 22 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : LOW MAGNETIC INTERFERENCE BATTERY

(51) International classification :H01M
(31) Priority Document No :61/225,364
(32) Priority Date :14/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/000508
Filing Date :01/04/2010
(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)BRUBACHER Jonathan Quinn

3)WU Chee-Ming Jimmy

4)DECKER Edward Vann

5)VAN SCHYNDEL Andre John

6)HAWKER Larry Edward

(57) Abstract :

A low magnetic interference battery is providedÂ the battery insertable into a mobile communication deviceÂ the mobile communication device comprising a radio interconnected with a microphone and a receiver. The battery comprises a battery portion enabled to provide electrical power to the radioÂ the battery portion emitting a magnetic field when in operation. The battery further comprises a sealing portion for sealing the battery portion therein such that the battery portion is protected from moistureÂ the sealing portion comprising a magnetic shield portion arranged relative to the battery portion such that magnetic flux from the battery portion is routed away from the receiver when the battery is in operation in the mobile communication device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3492/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR COMPARING UNIVERSITIES BASED ON THEIR UNIVERSITY MODEL GRAPHS

(51) International classification

:G09B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SRIDHAR VARADARAJAN

2)SRIVIDYA GOPALAN

3)PREETHY IYER

(57) Abstract :

An educational institution (also referred as a university) is structurally modeled using a university model graph. Such a model helps compare educational institutions at various levels - university level, department level, faculty member level, or student level. One of the requirements of comparison is to normalize the similarities and identify and elaborate the differences across multiple educational institutions. A way to achieve this is to model the educational institutions using comparable elements; specifically, the university model graph allows for such comparison as multiple educational institutions are modeled based on the some set of concepts and notions. A system and method for comparing educational institutions based on their respective university model graphs is discussed.

No. of Pages : 59 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3525/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEM FOR GENERATING POWER USING SOLAR ENERGY

(51) International classification	:F24J2/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUJANA ENERGY LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 34, NAGARJUNA HILLS,
(33) Name of priority country	:NA	PANJAGUTTA, HYDERABAD - 500 082 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. BRENTON GRESKA
(87) International Publication No	: NA	2)DR. ANJANEYULA KROTHAPALLI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for generating power using solar energy comprises a refrigerant pump (102) configured to supply fluid under desired pressure and temperature. At least one solar collector (104) is positioned to collect heat by absorbing sunlight. The solar collector is connected to the refrigerant pump, such that the pressurized fluid fed through the solar collector is heated and converted to pressurized low superheated vapor by inducing the collected heat into the pressurized fluid. A turbine (106) is associated with the solar collector in such a way that the turbine is operated and driven by extracting thermal energy of the pressurized low superheated vapor from the solar collector. An electrical generator (108) is coupled to the turbine such that the electrical generator is operated and driven by rotary motion of the turbine to produce electric power. A condenser (110) is in fluid communication with the turbine and the refrigerant pump for receiving and cooling the low superheated vapor from the turbine in order to induce a phase change of low superheated vapor into the fluid, which is again recirculated to the refrigerant pump for repeating the power generation process. Such power generation system facilitates power generation with minimal operating cost as there is no fuel needed to generate heat. Moreover, it is simple, cost effective and environmental friendly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.341/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : MEDICAMENT CONTAINER WITH A FLEXIBLE INNER LAYER AND A RIGID OUTER LAYER

(51) International classification	:B29C
(31) Priority Document No	:09009187.7
(32) Priority Date	:14/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/060124
Filing Date	:14/07/2010
(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)Sanofi-Aventis Deutschland GmbH

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Frankfurt am Main Germany Germany

(72)Name of Inventor :

1)NAGEL Thomas

2)RICHTER Rená

3)WITT Robert

(57) Abstract :

The invention relates to a medicament container (1) comprising a cavity (2) at least partially defined by a container wall (3) comprising a soft flexible inner layer consisting of a soft material and a rigid outer layer consisting of a rigid material wherein the layers are arranged as a one-piece part by two component injection moulding. FIG 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.343/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING COMPATIBILITY OF MEDIA ENCLOSURES IN FEEDS

(51) International classification	:G11B
(31) Priority Document No	:61/187,026
(32) Priority Date	:15/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/001442
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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(72)**Name of Inventor :**
1)Imed Bouazizi

(57) Abstract :
Attached

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.351/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : COMPUTING DEVICE WITH GRAPHICAL AUTHENTICATION INTERFACE

(51) International classification :G06F
(31) Priority Document No :0910545.3
(32) Priority Date :18/06/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/001172
Filing Date :15/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)RIDDIFORD Martin

(57) Abstract :

A computing device with a graphical authentication interface in which the device displays a base image and authenticates a user when a pre-selected element in a secondary image overlying the base image is aligned with a pre-selected element in the base image.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3511/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYNTHESIS OF LEAF AND FLOWER SHAPED ZNO NANOSTRUCTURES USING TRIGOL AS DISPERSANT

(51) International classification	:B82Y	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MANDAL DR. BADAL KUMAR
(32) Priority Date	:NA	Address of Applicant :ENVIRONMENTAL AND
(33) Name of priority country	:NA	ANALYTICAL CHEMISTRY DIVISION, SCHOOL OF
(86) International Application No	:NA	ADVANCED SCIENCES, VIT UNIVERSITY, VELLORE - 632
Filing Date	:NA	014 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MANDAL DR. BADAL KUMAR
Filing Date	:NA	2)KESARLA MR. MOHAN KUMAR
(62) Divisional to Application Number	:NA	3)ETCHERLA MR. APPALA NAIDU
Filing Date	:NA	

(57) Abstract :

The present invention discloses the synthesis of flower and leaf shaped zinc oxide (ZnO) nanostructures. Particular shapes i.e., leaf/flower shapes can be achieved at a particular concentration of Zinc acetate dihydrate precursor and decreased size of leaf/flower shapes can be achieved in the presence of a particular concentration of Trigol. Concentration of Zinc acetate less than 2 mM results in leaf shapes whereas greater than 2 mM concentrations of it results in flower shaped upto 9 mM. No shape was obtained above the concentration of 9 mM of Zinc acetate. At a particular concentration i.e., 0.1M Trigol influenced to the maximum extent and minimum size of leaf/flower shaped Zinc oxide nanostructures was formed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3514/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : DATA COLLECTION FRAMEWORK

(51) International classification

:G06Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Street UpperÂ Dublin 4 Ireland

(72)Name of Inventor :

1)Sailatha Karthikeyan

(57) Abstract :

DATA COLLECTION FRAMEWORK A common data collection framework accesses data collected by an electronic commerce system in a format specific to the electronic commerce system. The common data collection framework determines a type of the data and identifies, from among multiple types of common data objects, a common data object that is independent of the electronic commerce system and that is defined to store data corresponding to the determined type. The common data collection framework stores the data collected by the electronic commerce system in an instance of the common data object and provides, to an analytics system, the instance of the common data object to enable the analytics system to perform analytics on the data collected by the electronic commerce system using the common format that is different than the format specific to the electronic commerce system and that accommodates multiple, different types of electronic commerce systems.

No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.354/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : HYDROCARBON GAS PROCESSING

(51) International classification	:F25J
(31) Priority Document No	:PCT/US2010/033374
(32) Priority Date	:03/03/2010
(33) Name of priority country	:PCT
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(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 C2 (or C3) components and heavier hydrocarbon components from a hydrocarbon gas stream. The gas stream is cooled and divided into first and second streams. The first stream is further cooled, expanded to lower pressure, and supplied as a feed between 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 : 81 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.344/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MANAGING FLEXIBLE USAGE OF UNPAIRED FREQUENCIES

(51) International classification :H04W
(31) Priority Document No :61/228,734
(32) Priority Date :27/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043327
Filing Date :27/07/2010
(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)QUALCOMM Incorporated
Address of Applicant :Attn: International IP Administration
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USA. U.S.A.
(72)**Name of Inventor :**
1)LI Yan
2)GAO Lu

(57) Abstract :

A method, an apparatus and a computer program product for wireless communication are provided in which it is determined by a first device if a transmission using a second frequency band to a second device will result in a parameter exceeding a threshold value and content is either transmitted using a first frequency band upon a determination that the transmission to the second device will result in the parameter exceeding the threshold or transmitted using the first frequency band and a second frequency band upon a determination that the transmission to the second device will result in the parameter not exceeding the threshold wherein the first and second frequency bands are different.

No. of Pages : 33 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.348/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MOBILE COMMUNICATION DEVICE MEASUREMENT REPORTING

(51) International classification	:H04W24/10
(31) Priority Document No	:12/542280
(32) Priority Date	:17/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/042112
Filing Date	:15/07/2010
(87) International Publication No	:WO 2011/022138 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)NARASIMHA, MARALI

2)KUCHIBHOTLA, RAVI

(57) Abstract :

A method (300) and apparatus (110) for mobile communication device measurement reporting is disclosed. The method may include receiving (320) an offset value corresponding to a set of a plurality of cells. The method may include determining (330) that a signal strength of a serving cell (130) is higher than a radio link failure threshold of the serving cell by substantially no more than the offset value for measurement reporting. The method may include detecting (340) the presence of a candidate cell (140) that is a member of the set of the plurality of cells. The method may include transmitting (350) a measurement report to the serving cell if the signal strength of the serving cell is higher than the radio link failure threshold of the serving cell by substantially no more than the offset value for measurement reporting and if the candidate cell that is a member of the set of the plurality of cells is present. Fig.3

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3484/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : RECHARGEABLE BATTERY

(51) International classification	:H02J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THEVASAHAYAM AROCKIADOSS
(32) Priority Date	:NA	Address of Applicant :Flat 1Â 5 BÂ 21st StreetÂ Tansi
(33) Name of priority country	:NA	Nagar VelacheryÂ Chennai â€“ 600 042Â India Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)THEVASAHAYAM AROCKIADOSS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Technologies are generally described for a battery, a method for implementing a battery and a rechargeable battery system. In some examples, the rechargeable battery system includes a battery. The battery may include a first electrode including a tantalum component, a vanadium component and a boron component. The battery may further include a second electrode and an electrical insulator between the first and the second electrode. The battery system may include a housing, where the housing includes the first electrode, and where the housing is effective to communicate light and oxygen to the first electrode. A sensor may be disposed so as to be effective to detect a reaction of tantalum and oxygen in the housing and generate a reaction signal in response. A processor may be in electrical communication with the sensor and effective to receive the reaction signal and generate an indication based on the reaction signal.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/11/2010

(21) Application No.3570/CHE/2010 A

(43) Publication Date : 29/03/2013

(54) Title of the invention : AIR CAR (PETROL CAR RUN WITH COMPRESSED AIR)

(51) International classification	:B60R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FR. KOMMAREDDY. VIJAY KUMAR REDDY
(32) Priority Date	:NA	Address of Applicant :ASST. PROFESSOR IN
(33) Name of priority country	:NA	ENVIRONMENTAL SCIENCE, DIRECTOR OF R & D DEPT.
(86) International Application No	:NA	C/O. CJITS, COLOMBO NAGAR, YESWANTHAPUR(PO),
Filing Date	:NA	JANGAON(MD), WARANGAL - 506 167 Andhra Pradesh India
(87) International Publication No	: NA	2)MANDA.RAMESH BABU
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)FR. KOMMAREDDY. VIJAY KUMAR REDDY
(62) Divisional to Application Number	:NA	2)MANDA. RAMESH BABU
Filing Date	:NA	

(57) Abstract :

Scientists overwhelmingly agree that in order to prevent the most devastating consequences of global warming, harmful emissions worldwide must be significantly reduced. The first step in this direction is initiation of Zero Emission. Development of zero emission vehicles is also the major challenge in the field of automobile engine research. The main requirement of this engine is not to produce any exhaust gases. Though we have the alternative resources like electric vehicles and fuel cell vehicles, the cost to pay is remarkably high. Compressed air is a choice for the zero emission vehicles. In a conventional petrol car engine the chemical energy is converted into presser energy which in turn converted into mechanical work out put. Our Air car is running with compressed air with a pressure range of 40bar. In this car, a new cam shaft is introduced which convert four stroke engine cycle to two stroke engine cycle. The power is generated within two strokes only.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3533/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : MARKING GAUGE

(51) International classification	:B25H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MANIPAL UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :Manipal 576104Â Udupi DistrictÂ
(33) Name of priority country	:NA	KarnatakaÂ INDIA Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAGHUNATH MANOHAR
(87) 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 :

Technologies are generally described for a marking gauge. In some examples, the marking gauge includes a scribing bar and a marking pin disposed at a fixed location in the scribing bar. A bolt may extend through a stock and the scribing bar. A nut may be in contact with the scribing bar and engaged with the bolt. The nut and the bolt may be effective to fasten the stock to the scribing bar. The scribing bar may include walls defining a longitudinally extending slot and the mortise pin may extend through the longitudinally extending slot. A pointed end of the mortise pin and of the marking pin may be adjustable with respect to the scribing bar.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3572/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :26/11/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : WIND ENERGY SYSTEM

(51) International classification	:F03D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. GIRISH CHANDRA KUMAR
(32) Priority Date	:NA	Address of Applicant :NO.30, 1ST CROSS,
(33) Name of priority country	:NA	GNANABHODINI ROAD, RAMAJYOTHI NAGAR,
(86) International Application No	:NA	R.V.C.E.POST, KENGERI, BANGALORE - 560 059 Karnataka
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MR. GIRISH CHANDRA KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention about wind energy system, offers a simple and cheaper method for extracting wind energy. This invention proposes uses of static funnels instead of rotating propellers to extract wind energy. This system proposes networking of many wind sources to drive a common electric generator to save the cost. And this system proposes use of foldable structure which can be transported and deployed easily. Also this system eliminates the need for building any solid structure to host the wind mills. Hence making the overall use of wind energy more acceptable.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3587/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :26/11/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : APPARATUS FOR AUTOMATICALLY TESTING AND TUNING A RADIO FREQUENCY COIL

(51) International classification

:G01R

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SANTOSH KUMAR

2)PRASIDH RAMABADRAN

3)ROHIT PARAKH

(57) Abstract :

In one embodiment, an apparatus for automatically testing and tuning a RF coil is provided. The apparatus comprises a digital frequency generator for generating a stimulus, the stimulus comprising a range of radio frequency signals having different frequencies, a radio frequency coupler configured for applying the stimulus to the RF coil so as to enable the RF coil to generate a reflected signal in response to the stimulus applied, a radio frequency detector for detecting the reflected signal and a signal processing unit for processing the reflected signal, so as to identify the tuned resonant frequency of the RF coil and further configured for calculating return loss at the RF coil based on the reflected signal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.359/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : INTER WORKING BETWEEN IMS/SIP AND PSTN/PLMN TO EXCHANGE DYNAMIC CHARGING INFORMATION

(51) International classification	:H04L12/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IN2009/000424
Filing Date	:24/07/2009
(87) International Publication No	:WO 2011/010320
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France
(72)**Name of Inventor :**
1)SWAMINATHAN SEETHARAMAN
2)KULDEEP SINGH
3)DURGESH MISHRA

(57) Abstract :

A method for enabling exchange of dynamic charging information between a calling user and a called user and negotiation of said charging information, wherein the calling user belongs to a public switched telephone network/public land mobile network (PSTN/PLMN) network and the called user belongs to an Internet Protocol (IP) Multimedia Subsystem (IMS)/Session Initiation Protocol (SIP) voice over Internet Protocol (VoIP) network. In another embodiment herein, the calling user belongs to an Internet Protocol (IP) Multimedia Subsystem (IMS)/Session Initiation Protocol (SIP)/Voice over Internet Protocol (VoIP) network and the called user belongs to a public switched telephone network/public land mobile network (PSTN/PLMN) network. FIG. 1

No. of Pages : 81 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3599/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :29/11/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR STORING MESSAGE BITS

(51) International classification

:G06K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Finland Finland

(72)Name of Inventor :

1)Joe Thomas

(57) Abstract :

In accordance with an example embodiment a method and apparatus are provided. The method comprises selecting a byte of a plurality of bytes of a media file. The selected byte is modified by replacing a bit at a pre-determined location within the byte with a message bit of a message. A location of a subsequent byte of the plurality of bytes is determined based on the modified byte. The subsequent byte is modified by replacing a bit at a pre-determined location within the subsequent byte with a subsequent message bit of the message. FIGURE 4

No. of Pages : 29 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.356/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND SERVER FOR INSTANT MESSAGING

(51) International classification :H04L12/58
(31) Priority Document No :200910093227.4
(32) Priority Date :16/09/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/076882
Filing Date :14/09/2010
(87) International Publication No :WO 2011/032486 A1
(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)ZHANG, XIACHAO

2)LIAO, JUE

3)CHEN, DINGJIA

4)WEI, BIN

5)YAO, YANKE

6)LI, JIANZHEN

7)LI, BIN

8)ZHANG, QIAN

(57) Abstract :

An Instant Messaging (IM) method and server are provided. The method includes: receiving instance login information sent by an IM client, wherein the instance login information at least includes login information of a user of the IM client and instance information of a terminal located by the IM client (101); authenticating identity of the user of the IM client, according to the login information in the instance login information (102); when the authenticating is passed, allocating an instance number for the IM client, according to the instance information in the instance login information, wherein the instance number is configured to uniquely identify the IM client (103). The server includes a receiving module (801), an authenticating module (802) and an allocating module (803). By adopting the method and server provided, multipoint login of one login account may be effectively achieved, and multiple aspects requirements of a user may be satisfied.

No. of Pages : 45 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2010

(21) Application No.3635/CHE/2010 A

(43) Publication Date : 29/03/2013

(54) Title of the invention : WAVELET TRANSFORMATION USING MULTICORE PROCESSORS

(51) International classification

:G06T

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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Karnataka India

(72)Name of Inventor :

1)DIPAYAN MAZUMDAR

2)CYRIL PRASANNA RAJ P

3)BRAHMANANDA REDDY GANDA

(57) Abstract :

Technologies generally described herein relate to enhancement of wavelet transformation in multicore processor environments by reduction of filtering operations employing identification and elimination of common partial products, replacement of a portion of the multiplication operations, and creation of a wrapper around the Mallat processor, which allows word-serially loading each pixel and unloading each transformed value in a word-serial manner.

No. of Pages : 58 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : PROCESS FOR THE DIRECT AMINATION OF HYDROCARBONS TO AMINOHYDROCARBONS WITH ELECTROCHEMICAL REMOVAL OF HYDROGEN

(51) International classification	:C07C209/02
(31) Priority Document No	:09165219.8
(32) Priority Date	:10/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/059771
Filing Date	:08/07/2010
(87) International Publication No	:WO 2011/003964
	A3
(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

Address of Applicant :67056, LUDWIGSHAFEN Germany

(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, which comprises the steps: a) reaction of a feed stream E comprising at least one hydrocarbon and at least one aminating reagent to form a reaction mixture R comprising aminohydrocarbons and hydrogen and b) 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 over the anode catalyst on the retentate side of the membrane and the protons are) after passing through the membrane, bi) reduced to hydrogen and/or b2) reacted with oxygen from an oxygen-comprising stream 0 which is brought into contact with the permeate side of the membrane to form water over the cathode catalyst on the permeate side.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : ADHESIVE COMPOSITION ADHESIVE SHEET CIRCUIT BOARD AND SEMICONDUCTOR DEVICE BOTH PRODUCED USING THESE, AND PROCESSES FOR PRODUCING THESE

(51) International classification	:C08G59/40
(31) Priority Document No	:2009-163403
(32) Priority Date	:10/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060622
Filing Date	:23/06/2010
(87) International Publication No	:WO 2011/004706
	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)FUJIMARU, KOICHI

2)NONAKA, TOSHIHISA

3)TATSUTA, YOSHIKO

(57) Abstract :

Provided is an adhesive composition having both excellent storability and excellent connection reliability. The adhesive composition comprises (a) a polyimide soluble in organic solvents, (b) an epoxy compound, (c) particles of a curing accelerator, and (d) inorganic particles, the amounts of the organic-solvent-soluble polyamide (a) and the curing-accelerator particles (c) being 15-90 parts by weight and 0.1-50 parts by weight, respectively, per 100 parts by weight of the epoxy compound (b), and the content of the inorganic particles (d) being 30-8Q wt% of the total amount of (a) to (d).

No. of Pages : 102 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3568/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :26/11/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : AUTOMATIC RECOGNITION OF IMAGES

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HEWLETT-PACKARD DEVELOPMENT COMPANYÂ
(32) Priority Date	:NA	L.P.
(33) Name of priority country	:NA	Address of Applicant :11445 Compaq Center Drive West
(86) International Application No	:NA	HoustonÂ TX 77070 USA U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Avinash SHARMA
(61) Patent of Addition to Application Number	:NA	2)Serene BANERJEE
Filing Date	:NA	3)Anjaneyulu Seetha Rama KUCHIBHOTLA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Presented is a method of automatically performing an action, based on graphical input. The method comprises: receiving, for a user, an input image; comparing the input image with the contents of a user-customized database comprising a plurality of records, each record representing a predefined class of image, wherein the user has previously associated records in the database with respective specified actions; attempting to recognize the image, based on the similarity of the input image to one of the predefined classes of image represented in the user-customised database; and if the image is recognized, performing the action previously associated by the user with the class. Also presented is apparatus for recognizing an image and a method of constructing a user-customized database. [Figure 1]

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.368/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD FOR DISCERNING AND SORTING PRODUCTS WHEREBY THE CONCENTRATION OF A COMPONENT OF THESE PRODUCTS IS DETERMINED

(51) International classification	:B07C5/342
(31) Priority Document No	:2009/0365
(32) Priority Date	:17/06/2009
(33) Name of priority country	:Belgium
(86) International Application No	:PCT/BE2010/000047
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/144974 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)BERGHMANS, PAUL

2)FIVEZ, CHRISTIAAN

3)SPEYBROUCK, JOHAN

(57) Abstract :

The invention concerns a method for discerning and sorting suitable products in a product flow having a certain concentration of a component versus anomalous products having this component in an anomalous concentration, whereby a beam of light strikes these products, and the absorption of this beam of light by said component in the products is detected by measuring the intensity of the light reflected by the products at least at a wavelength or in at least a wavelength band which is situated between 900 nm and 2500 nm in order to generate a detection signal on the basis of said absorption, whereby a product will be identified as an anomalous product if said detection signal exceeds a threshold value.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3681/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :24/06/2009

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEM AND METHOD OF PRODUCTION OF LIQUEFIED NATURAL GAS

(51) International classification	:F25J1/02
(31) Priority Document No	:06127190.4
(32) Priority Date	:26/12/2006
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2007/063792
Filing Date	:12/12/2007
(87) International Publication No	:WO 2008/077788
	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)MIGLIORE , CALOGERO,

2)PEREZ DIAZ, SILVIA

3)SOAVE, GIORGIO,

(57) Abstract :

It refers to a method of production of liquefied natural gas (LNG) which comprises the use of air as refrigerant in an open or closed cycle. The invention also refers to a system to carry out said process.

No. of Pages : 24 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : PROCESS FOR PREPARING LIGHT COLOURED ISOCYANATES OF THE DIPHENYLMETHANE SERIES

(51) International classification	:C08G
(31) Priority Document No	:61/225376
(32) Priority Date	:14/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/059684
Filing Date	:07/07/2010
(87) International Publication No	:WO 2011/006807
	A2
(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)SCHELLING, HEINER

2)SPEIER, JON S.

3)STROEFER, ECKHARD

4)KIM, BYOUNG-YEON

(57) Abstract :

The present invention relates to a process for preparing light-coloured polyphenylene-polymethylene-polyisocyanate (PMDI), comprising the steps (a) providing carbon monoxide and chlorine, (b) reacting carbon monoxide with chlorine to form phosgene, (c) reacting the phosgene from step (b) with at least one primary amine with the exception of mono- and polyphenylene-polymethylene polyamines with an excess of phosgene to form an at least one isocyanate containing reaction solution, and hydrogen chloride, (d) separating excess phosgene from the isocyanate-containing reaction solution obtained in step (c), (e) providing at least one polyphenylene-polymethylene polyamine, and (f) reacting at least a portion of the phosgene separated in step (d) with the at least one polyphenylene-polymethylene polyamine to form the light-coloured polyphenylene-polymethylene polyisocyanate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.370/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : CONDUCTOR HANDLING TOOL AND A METHOD OF APPLYING AN ELECTRICALLY INSULATING MATERIAL

(51) International classification	:H02K
(31) Priority Document No	:09165562.1
(32) Priority Date	:15/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/059882
Filing Date	:09/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)SCHNEIDER Marco

3)ZANT Nikolaus

4)FIASCO Riccardo

5)WEBER Benjamin

(57) Abstract :

Abstract: A conductor handling tool has a plate-shaped tool body 10. The tool body 10 comprises a conductor receiving opening 20 for receiving a conductor portion therein and for holding the conductor portion received therein. Further an edge of the plate-shaped tool body is shaped convex as a tapered blade edge 12 extending essentially within a y-z-plane. The tapered blade edge 12 is directed away from the conductor receiving opening 20 and is forming an outer circumferential portion of the tool body 10 for splitting a portion of insulating material during winding of the insulating material. (Fig. 1b)

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3583/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :26/11/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : MOPA LIGHT SOURCE

(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)SUMITOMO ELECTRIC INDUSTRIES, LTD.

Address of Applicant :5-33, KITAHAMA 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541-0041 Japan

(72)Name of Inventor :

1)KAKUI, MOTOKI

(57) Abstract :

The present invention relates to a MOPA light source capable of obtaining pulse output by wavelength-conversion of pulse light of fundamental light wave using a simple configuration, and suppressing optical output using a simple method when processing is not performed. The fundamental light wave outputted from a seed light source is amplified in an optical amplification fiber. The amplified fundamental light wave is inputted to one end of a passive optical fiber, and propagates in the passive optical fiber. In the passive optical fiber, stimulated Raman scattering occurs upon propagation of the fundamental light wave. The light of fundamental light wave and light of stimulated Raman-scattered components are outputted from the other end of the passive optical fiber. The light outputted from the passive optical fiber is collimated by a lens, and is then inputted to a branching filter. The light inputted to the branching filter is wavelength-separated into light of stimulated Raman-scattered components having wavelengths longer than that of the fundamental light wave, and light having wavelengths equal to or less than that of the fundamental light wave.

No. of Pages : 34 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.371/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : ELECTRONIC APPARATUS

(51) International classification :H01L
(31) Priority Document No :2010-054641
(32) Priority Date :11/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/000647
Filing Date :04/02/2011
(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 :
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Osaka 571-8501Å Japan Japan
(72)Name of Inventor :
1)SUZUKIÅ Suguru
2)ABE Tsutomu

(57) Abstract :

Abstract To provide an electronic apparatus that can prevent electronic components from being separated from a circuit board. The electronic apparatus 10 includes a circuit board 25, an electronic component 28 mounted on the circuit board 25 via solder balls 26, a cover member 30 mounted on the circuit board 25 so as to surround and cover the electronic component 28 and a convex portion 34 provided at the top plate portion 32 of the cover member 30. The convex portion 34 is deformable to a second state protruding on the circuit board 25 side from a first state protruding in the direction opposite to the circuit board 25 side. When the convex portion 34 is deformed in the second state, the convex portion 34 thus deformed can be made in contact with the top portion 28a of the electronic component 28.

No. of Pages : 33 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.372/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : DRUG DELIVERY DEVICE

(51) International classification	:A61M
(31) Priority Document No	:09009132.3
(32) Priority Date	:14/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/059542
Filing Date	:05/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Frankfurt am Main Ä Germany Germany

(72)Name of Inventor :

1)TEUCHERÄ Axel

2)FORSTREUTER Axel

(57) Abstract :

Drug Delivery Device The invention provides a drug delivery device for dispensing of a dose of a medicinal product comprising: - a housing (12 20;120) having a proximal end and a distal end - a container (16) comprising the medicinal product a piston being retained in the container (16) - a push-pull element (50;150) wherein the push-pull element (50;150) is displaceable in proximal direction for setting of a dose and wherein the push-pull element (50;150) is displaceable in distal direction for dispensing of a dose - a piston rod (40;140) being coupled with the housing (12 20;120) and having a distal end (42) to interact with the container's piston (18) the piston rod (40;140) being further coupled with the push-pull element (50;150) - coupling elements for converting a proximal displacement of the push-pull element (50;150) into a rotational movement of the piston rod (40; 140) and for converting a distal displacement of the push-pull element (50;150) into an axial movement of the piston rod (40) with respect to the housing (12 20;120). (Figure 1)

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.373/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD FOR PRODUCING DOUBLE HAPLOID PLANTS

(51) International classification :C12N
(31) Priority Document No :09165440.0
(32) Priority Date :14/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/060076
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

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Address of Applicant :Burgemeester Crezeelaan 40 NL-
2678 KX De Lier The Netherlands Netherlands
(72)Name of Inventor :
1)DIRKS Robert HÃ©ne Ghislain

(57) Abstract :

Abstract The present invention relates to a method for producing double haploid plants comprising the steps of allowing pollen with one functional sperm cell to fertilize an embryo sac cell which is not the central cell; allowing the central cell to proliferate into endosperm; and regenerating a double haploid plant from the endosperm. The pollen with one functional sperm cell is for example mutant pollen which is obtainable by chemical mutation transformation with a nucleic acid or irradiation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3650/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :02/12/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : A DEVICE FOR ACHIEVING FUEL ECONOMY IN AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F02B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)S.V. SATYA NARAYANA
(32) Priority Date	:NA	Address of Applicant :50, AVVAI THIRU NAGAR. 4TH
(33) Name of priority country	:NA	STREET, CHINMAYA NAGAR, CHENNAI-92. Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)S.V. SATYA NARAYANA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device for achieving fuel economy in an internal combustion engine comprising a container accommodating at least one pair of positive and negative electrodes immersed in water mixed with ortho phosphoric acid, said electrodes deriving dc power in pulse form from a source provided in the vehicle, to produce oxygen and hydrogen; a chamber, containing a liquid of pyrogallol in water, the chamber communicating with the container to cause the said oxygen and hydrogen leaving the container to enter the chamber, the oxygen being absorbed in the said liquid and the hydrogen alone exiting the chamber to enter the fuel supply system of the engine and mix with the air-fuel therein, thereby enabling the quantum of the fuel component to be reduced corresponding to the quantum of hydrogen entry in the said system, for the same power requirement of the engine

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : BUFFERED GUM BASE FOR HIGH PH RELEASE

(51) International classification :A23G

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/DK2009/000146

Filing Date :19/06/2009

(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)LORENZEN Gitte

3)ARENT Nicolai

4)THORENGAARD Bitten

5)WITTORFF Helle

(57) Abstract :

The invention relates to a chewing gum composition with high pH-release the chewing gum composition comprising an insoluble gum base matrix and a soluble bulk portion wherein the gum base matrix and the bulk portion is mixed and extruded to form a final chewing gum core and wherein the gum base matrix is buffered before mixing with the bulk portion. Furthermore the invention relates to a method of producing a chewing gum core wherein a gum base matrix and a bulk portion is mixed and extruded to form a final chewing gum core.....

No. of Pages : 47 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3757/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :09/12/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : IMPROVED TENDER COCONUT PUNCH CUM SPLITTER

(51) International classification	:A23N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PANDIARAJ SUBRAMANI
(32) Priority Date	:NA	Address of Applicant :6/4, ABIRAMI NAGAR,
(33) Name of priority country	:NA	BHARATHIYAR ROAD, GANAPATHY, COIMBATORE - 641
(86) International Application No	:NA	006 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PANDIARAJ SUBRAMANI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The improved Tender Coconut Punch cum Splitter is unique in its construction design that it is facilitated to work as a dispensing kiosk with provision for storage of nuts and also for hanging bags to collect the used and split nuts for disposal. The punch is operated up and down through a spring suspended pivoted Lever, extended with a Handle. A ring is provided at the base to the center of the punching pipe wherein the nut is placed. Tubular adjuster is provided inside the Ring to accommodate the various sizes of tender coconut. The cutting edge of the punch has a sharp profile to open the hard surface of the nut. Once the hole is made in the nut, due to the reduced tube entry diameter, the pierced cork is automatically pushed up and fell down in the continuous operation. Floating holder which will be linked with the punch in the top and spring loaded locking mechanism to lock with the base, through multi slots is provided to hold the tender coconut of any size, when lifting the punch from the tender coconut. After the punch is released from the tender coconut, it will release the lock and carry the floating holder. Next to this punch is the splitter with a semi circular base to hold the nut, with an angle to transfer the load to the center of the frame and to accommodate any size of coconut. Above the base is a fixed pivoted cutting blade made of 6 mm stainless steel, extended with a Handle. Once the coconut is placed in the base and the handle is pressed, it applies the load uniformly and splits open the nut. A spring is provided to retain the blade in vertical position and a collection tray is provided in the bottom of splitter arrangement to avoid the spill over.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3758/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :09/12/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : A NEW HAND TOOL TO OPEN TENDER COCONUT

(51) International classification	:A23N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PANDIARAJ SUBRAMANI
(32) Priority Date	:NA	Address of Applicant :6/4, ABIRAMI NAGAR,
(33) Name of priority country	:NA	BHARATHIYAR ROAD, GANAPATHY, COIMBATORE - 641
(86) International Application No	:NA	006 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PANDIARAJ SUBRAMANI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the present invention the circular tube is having a specific shape in the sharp edge end with a slight curvature and the handle is made of plastic with a special design to have grip while in operation. The advantage of the present invention is that the clockwise rotation of the handle will give a smooth cut to the soft layer of the tender coconut without pulling the fibers and the anti-clockwise operation will make the sharp edge to apply more load and cut open the hard part of the nut. The waste cork portion of the opened nut gets attached to the circular tube and once the tube is taken out of the tender coconut, it could be easily pushed out with a plastic molded middle stem. The middle stem is having a snap fit in the top which will lock with the handle and act as a safety cap for sharp cutting edge, during accidental falling and avoid contact to the fingers when not in use.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : MECHANISM TO CONVEY DYNAMIC CHARGING INFORMATION OVER SIP

(51) International classification :H04L12/14

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IN2009/000425
Filing Date :24/07/2009

(87) International Publication No :WO 2011/010321
A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France

(72)Name of Inventor :

1)KULDEEP SINGH

2)DURGESH MISHRA

3)SEETHARAMAN SWAMINATHAN

(57) Abstract :

A system and method of providing charging information to the participants for a session is disclosed. User A initiates a session to user B, by sending an invitation message. The message contains an application body with details such as media content, charging indicator information and the like. The mechanism for providing charging information can be performed using two methods; the first method is basic charging framework involving network level manipulation and second method being an offer answer model for charging. In network level manipulation the user A sends an invitation message to proxy server which modifies the application body of the message before sending the message to user B. In offer answer model for charging the user A initiates an offer for charging, this offer is sent to the other user B and means of negotiation is involved between both. Means of negotiation allows implementing different charging schemes, and User B or User B's network can also initiate the charging offer. FIG. 1

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3613/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :29/11/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : SUN FACE SOLARPANELS

(51) International classification

:F24J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :KONETIPURAM(PO),
BHATTIPROLU(MO), GUNTUR(D.T), ANDHRAPRADESH,
INDIA - 522 256 Andhra Pradesh India

(72)Name of Inventor :

1)MADDA RAJANI KANTH

(57) Abstract :

My invention is on Solar panels, which are always faces sun. Normally the solar panels are fixed to some stand. I design a solar panel which is quit different to regular solar panels. It always faces the sun and produce the energy along the all the day time. Using this type of panels we can reduce the use of regular electricity and we can protect the environment. We can use a clock for moving this solar panel according to each hour on the clock. We use ten gears for this operation. We can apply this method for both round shape solar panels and for rectangular shape panels. In round shape panels the whole weight of the panel acts on the center of the panel, so we can fix the titanium panel hand on the center of the panel, for moving the panel according to sun light by using clock. In rectangular shape panels the whole weight does not act on the center, so we can use a "U" shape titanium rod which has spring, for movement according to the hours hand on the clock.

No. of Pages : 13 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.3845/CHE/2010 A

(43) Publication Date : 29/03/2013

(54) Title of the invention : WEATHER BASED VENTILATION CONTROL FOR VEHICLES

(51) International classification	:B60H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)ROBERT BOSCH GMBH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SREEJA ARUNKUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a ventilation control device 10 for a vehicle. The ventilation control device 10 receives a temperature data, a rain data, a sunlight data and a wind speed data from the corresponding sensors (16, 18, 20 and 22). The ventilation control device contains a table NN where values defining comfort zones for each of the sensor data are stored. The received data is checked to find out whether the data is outside of the respective comfort zone. If the received data is outside of the comfort zone, then the vents are closed completely. If the received data is within the comfort zone, then the vents are opened in accordance to the received data, the level of the opening of the vent being dependant upon the received data.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3846/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :15/12/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : NAVIGATION DEVICE - PROMPT FOR SAVING AS POI

(51) International classification	:G01C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOUSR ROAD, KORMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)ROBERT BOSCH GMBH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)BADARIVISHAL KINHAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a navigation device 10. The invention proposes a method to store a current location of the navigation device as a POI based on certain conditions. The method checks whether the navigation device was stationary at the current location for a predetermined duration. If so, the method checks whether the current location is already stored in the list of POIs, if not the method displays a message to the user to check whether the current location needs to be stored as a POI. On confirmation from the user the navigation device stores the current location as a POI. The user may abort the method by non confirmation. Also the method aborts itself on a time out. The method can be enabled or disabled by the user.

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

(54) Title of the invention : R-7-(3-AMINOMETHYL-4-METHOXYIMINO-3-METHYL-PYRROLIDIN-1-YL)-1-CYCLOPROPYL-6-FLUORO-4-OXO-1,4-DIHYDRO-8-NAPHTHYRIDINE-3-CARBOXYLIC ACID AND L-ASPARTIC ACID SALT; PROCESS FOR THE PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME FOR ANTIMICROBIAL

(51) International classification :C07D
 (31) Priority Document No :10-2009-0068396
 (32) Priority Date :27/07/2009
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2010/004938
 Filing Date :27/07/2010
 (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)CHOI Dong Rack**2)YANG Jin****3)YOON Sue Hye****4)PYUN Sung Jae****5)KIM Seung Hwan****6)SEONG Seung-Kyoo****7)RYU Jei Man**

(57) Abstract :

Disclosed herein are R-7-(3-aminomethyl-4-methoxyimino-3-methyl-pyrrolidin-1-yl)-1-cyclopropyl-6-fluoro-4-oxo-1,4-dihydro-8-naphthyridine-3-carboxylic acid and L-aspartic acid salt process for the preparation thereof and pharmaceutical composition comprising the same for antimicrobial. Because the R-7-(3-aminomethyl-4-methoxyimino-3-methyl-pyrrolidin-1-yl)-1-cyclopropyl-6-fluoro-4-oxo-1,4-dihydro-8-naphthyridine-3-carboxylic acid and L-aspartic acid salt is more soluble and less toxic and has less side effects as an antimicrobial agent than hydrochloride and the other salts (D-aspartate and phosphate) conventionally used the salt may be useful for oral and injectable administration.s

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.38/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : A PRESSURE CONTROLLED WIND TURBINE ENHANCEMENT SYSTEM

(51) International classification	:F03D1/04
(31) Priority Document No	:2009-0476
(32) Priority Date	:19/06/2009
(33) Name of priority country	:Ireland
(86) International Application No	:PCT/EP2010/058655
Filing Date	:18/06/2010
(87) International Publication No	:WO 2010/146166
	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)SMYTH, JAMES

2)SMYTH, PETER

3)SMYTH, DAVID

4)SMYTH, GERARD

5)SMYTH, ANDREW

(57) Abstract :

The present invention provides a pressure controlled wind turbine enhancement system which includes a two part conical shroud to be located directly upwind of a turbine in order to augment the natural flow of air past blades of the turbine in a manner which produces increased power output from the turbine.

No. of Pages : 17 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3808/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :13/12/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : A PROCESS FOR PREPARING 3-QUINUCLIDINONE HYDROCHLORIDE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TYCHE INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :H.NO.:C-21/A, ROAD NO.9, FILM
(33) Name of priority country	:NA	NAGAR, JUBILEE HILLS, HYDERABAD 500 033 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NARAYANA RAO MUTYALA
(61) Patent of Addition to Application Number	:NA	2)RAMADAS CHAVAKULA
Filing Date	:NA	3)SRINIVASA RAO CHENNUPATI
(62) Divisional to Application Number	:NA	4)SANDEEP GOKARAJU
Filing Date	:NA	

(57) Abstract :

This invention relates to a process for the preparation of 3-Quinuclidinone(III), a key intermediate used in the synthesis of Quinuclidinol based drugs.. The said process comprises of decomposition of compound of formula VII in the presence of base. This invention also provides a process for preparing a compound of formula VII, said method comprises of reacting 3-S-Quinuclidinol(II) with dimethylsulfide and N- chlorosuccinamide; or dimethylsulfide and N-bromosuccinamide; or dimethylsulfide and chlorine gas; or thioanisole and N-chloro succinamide; or thioanisole and N- bromosuccinamide in a suitable organic solvent.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : A DEVICE FOR ELECTRIC CONNECTION&NBSP; A METHOD FOR PRODUCING SUCH A DEVICE&NBSP; AND AN ELECTRIC INSTALLATION

(51) International classification :H01B 17/30
(31) Priority Document No :09165487.1
(32) Priority Date :15/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/058162
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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6)GRANHAUG Ole

7)ENDRE Thor

8)BJORTUFT Tom-Rune

9)BEDNAROWSKI Dariusz

10)MALINOWSKI Lukasz

(57) Abstract :

Abstract A device for electric connection to an energy supply conductor (101) for medium and/or high voltageÂ comprising a voltage-carrying element (106) with an outer periphery (108)Â and a tubular outer shell (104) with an inner periphery (110)Â the outer shell (104) being formed by a polymerÂ 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)Â 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 further comprises at least one guiding element (136Â 502Â 602) for guiding the electric field produced by the voltage-carrying element (106)Â the guiding element (136Â 502Â 602) being at least partly conductiveÂ and the guiding element (136Â 502Â 602) is provided in said space (124). An electric installation including the deviceÂ and a method for producing the device.

No. of Pages : 28 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.394/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : POLYPHENYLSULPHONE-POLYTETRAFLUOROETHYLENE COMPOSITIONS AND USE THEREOF

(51) International classification :C08L 81/06
(31) Priority Document No :10 2009 027 659.9
(32) Priority Date :13/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/057125
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 :
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Germany Germany
(72)Name of Inventor :
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2)DREXLER Albert
3)WILLEMANN Ricardo Luiz

(57) Abstract :

Abstract The invention relates to a process for producing plastics mouldings   characterized in that the two plastics PPSU and PTFE are mixed with one another at a temperature of from 340 degrees Celsius to 385 degrees Celsius in an extruder   the resultant compounded material is pelletized   and the pellets are extruded at from 370 degrees Celsius to 390 degrees Celsius screw temperature to give plastics mouldings. The resultant plastics mouldings are used as anti-wear tapes in oil-conveying pipelines.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : GAS INSULATION APPARATUS

(51) International classification :B01J
(31) Priority Document No :2009-144383
(32) Priority Date :17/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/003954
Filing Date :15/06/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)UCHII Toshiyuki
2)MAJIMA Amane
3)NAKANO Toshiyuki
4)HIRANO Yoshihiko
5)SHIMAMURA Akira
6)HOSHINA Yoshikazu

(57) Abstract :

ABSTRACT A gas insulation apparatus(e.g. a gas circuit breaker) includes a high-voltage unit a zeolite(20) and an insulation gas in a closed vessel(10). The insulation gas is CO2 gas or a gas including CO2 gas as the main component. The zeolite(20) is contained in a zeolite case(21) and is placed under an insulation gas atmosphere. CO2 is adsorbed on the zeolite(20) before use of the gas insulation apparatus.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.396/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : FROST PROTECTED INJECTION DEVICE

(51) International classification :A61M 5/315

(31) Priority Document No :09164871.7

(32) Priority Date :08/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/059822

Filing Date :08/07/2010

(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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Denmark Denmark

(72)Name of Inventor :

1)BOMÃ© Lars Morten

2)ENGGAARD Christian Peter

3)Ã©STERGAARD Brian

4)JENSEN Jacob Kollerup

(57) Abstract :

The invention relates to an injection device (100Ã© 200Ã© 300) which is capable of resisting proximal movements of a piston rod (107Ã© 207Ã© 307) relative to a housing (102Ã© 202Ã© 302)Ã© when the piston rod (107Ã© 207Ã© 307) is subjected to proximally directed forces below a threshold magnitudeÃ© and of allowing reversible proximal movements of the piston rod (107Ã© 207Ã© 307) relative to the housing (102Ã© 202Ã© 302)Ã© when the piston rod (107Ã© 207Ã© 307) is subjected to proximally directed forces of or above the threshold magnitude.

No. of Pages : 56 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3975/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/12/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MANAGING SPORTS RELATED INFORMATION

(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)PITALIYA, PANKAJ
(87) 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 and method for managing sports related information in real-time are provided. The system comprises a user interface module configured to receive data pertaining to one or more sports and sports related persons; a repository module configured to store the collected data; and a sports module configured to process the collected data to generate sports related information using predetermined algorithms, the generated information being stored in the repository module and being accessible via the user interface module. The sports module comprises a registration module configured to register one or more users; a validation module configured to validate information pertaining to users; a player information module configured to provide player information to users; a recommendation module configured to generate recommendations related to one or more players, teams or coaches; and a selection module configured to facilitate selection of at least one of players, teams and coaches.

No. of Pages : 39 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.398/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : DATA PROCESSING METHOD AND APPARATUS FOR A HARQ OPERATION

(51) International classification :H04L1/18
(31) Priority Document No :61/309,873
(32) Priority Date :03/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2011/001473
Filing Date :03/03/2011
(87) International Publication No :WO 2011/108866 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)KANG, SEUNG HYUN
2)KIM, SU NAM
3)KWAK, JIN SAM

(57) Abstract :

A data processing method for a hybrid automatic repeat request (HARQ) is provided. Specifically, modulation can be performed according to a constellation rearrangement version (CRV) to generate a sub-packet for an incremental redundancy HARQ (IR-HARQ). When a constellation symbol modulated according to the CRV is segmented into an even symbol and an odd symbol for a plurality of transmit antennas, an identical CRV is determined for a pair of the even symbol and the odd symbol subsequent to the even symbol. When the constellation symbol modulated according to the CRV is transmitted to a receiving side, a newly generated sub-packet is retransmitted upon receiving a non-acknowledgement (NACK) signal.

No. of Pages : 71 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.399/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : AUTO-PRIMING INJECTION DEVICE

(51) International classification	:A61M 5/315
(31) Priority Document No	:09164869.1
(32) Priority Date	:08/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/059824
Filing Date	:08/07/2010
(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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4)JENSEN Jacob Kollerup

(57) Abstract :

The invention relates to an injection device (1 100) configured to perform automatic priming upon removal of a protective cap (15 115) from a cap receiving portion (9 109) of a housing (2 102). When mounted on the injection device (1 100) the cap (15 115) defines a first position for a drive member (10 110) relative to the housing (2 102) which drive member (10 110) is capable of causing a piston rod (7 107) to advance a piston (8 108) in a reservoir (4 104). Means (13 120) are provided defining a second position for the drive member (10 110) relative to the housing (2 102). During removal of the cap (15 115) from the cap receiving portion (9 109) the drive member (10 110) moves from the first position to the second position under the influence of a spring (11 111) thereby causing the piston rod (7 107) to pressurise the reservoir (4 104)

No. of Pages : 44 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : "SUBLINGUAL APOMORPHINE"

(51) International classification :A01N 43/42

(31) Priority Document No :61/186,445

(32) Priority Date :12/06/2009

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

(86) International Application No :PCT/US2010/038336

Filing Date :11/06/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ADAGIO PHARMACEUTICALS LTD.

Address of Applicant :1302 Kestell Blvd. Oakville ON L6H
0B9 Canada Canada

2)CYNAPSUS THERAPEUTICS INC.

(72)Name of Inventor :

1)GIOVINAZZO Anthony John

2)HEDDEN David Bruce

3)DE SOMER Marc L.

4)BRYSON Nathan John

(57) Abstract :

The invention features sublingual formulations of apomorphine and apomorphine prodrugs and methods of treating Parkinson's disease sexual dysfunction and depressive disorders therewith

No. of Pages : 38 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.40/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :04/01/2008

(43) Publication Date : 29/03/2013

(54) Title of the invention : ARRANGEMENT STRUCTURE OF SOUND SYSTEM IN MOTORCYCLE

(51) International classification

:B62D

(31) Priority Document No

:2007-

001629

(32) Priority Date

:09/01/2007

(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.

Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
MINATO-KU, TOKYO 107-8556 Japan

(72)Name of Inventor :

1)KAI, TAKAYUKI

2)MORI, KAZUHIKO

3)HATAYAMA, ATSUSHI

4)SAKAMOTO, JUNICHI

(57) Abstract :

To provide an arrangement structure of a sound system in a motorcycle which can ensure the operability of a sound operation unit while ensuring the visibility of a meter, [Means for Resolution] In a motorcycle which arranges a meter 55 indicating information on a vehicle and a sound operation unit 70 which instructs a reproduction operation or the like in a sound system in the vicinity of a steering portion, the meter 55 and the sound operation unit 70 are constituted as bodies separate from each other, and the meter 55 and the sound operation unit 70 are arranged, as viewed in the axial direction of a head pipe which supports a steering portion, in front of and behind the head pipe.

No. of Pages : 37 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : α -INTERMEDIATES AND PROCESSES FOR THE PREPARATION OF 4- (ACETYLAMINO)) -3- [(4-CHLORO-PHENYL) THIO] -2-METHYL-1H-INDOLE-1-ACETIC ACID α

(51) International classification :C07D 209/08

(31) Priority Document No :61/223,163

(32) Priority Date :06/07/2009

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

(86) International Application No :PCT/GB2010/051100

Filing Date :05/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ASTRAZENECA AB

Address of Applicant :SE -151 85 SÄdertÅlje Sweden

(72)Name of Inventor :

1)AINGE Debra

2)BUTTERS Michael

3)MERIFIELD Eric

4)RAMAKRISHNAN Ravi

5)RAYAPATI Ravi Naidu

6)SHARMA Parhalad Ray

7)THOMSON Colin

(57) Abstract :

The invention relates to compounds of formula (X) and salts thereof and their use as intermediates in improved manufacturing processes for the synthesis of pharmaceutical compound of formula (I): X is $=O$ $=N-OH$ or $=N-OC(O)Me$; Y is hydrogen $PhS-$ or p -chlorophenylsulfanyl; Z is hydrogen or $-CH_2COOR_1$ wherein R_1 is selected from hydrogen optionally substituted hydrocarbyl and optionally substituted heterocyclyl.

No. of Pages : 55 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4029/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/12/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR EXCHANGE OF SCRIBBLE DATA BETWEEN GSM DEVICES ALONG WITH VOICE

(51) International classification	:G06T	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG ELECTRONICS COMPANY
(32) Priority Date	:NA	Address of Applicant :416 MAETAN-DONG,
(33) Name of priority country	:NA	YEONGTONG-GU, SUWON-SI, GYEONGGI-DO 442-742
(86) International Application No	:NA	Republic of Korea
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)MANAS SARKAR
(61) Patent of Addition to Application Number	:NA	2)ARUN KUMAR
Filing Date	:NA	3)NIYAZ N
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for transferring a scribble data along with voice comprises of connecting an electronic device to the other through a GSM network, accumulating and down sampling the scribble coordinates for reducing the data to be send. The scribble data is converted to speech like signal using speech synthesis mechanism and is sent along with the voice data packets simultaneously in the GSM network. The scribble data packet is received on the other side and is identified by the attached identification bits. A suitable de-synthesizing mechanism is used to convert the GSM speech like data to scribble data bit stream and the x and y position data is extracted by data analysis by pattern matching and interpolation methods from the received data. The scribbled data is then drawn on the screen of the receiver electronic device with the extracted x, y coordinates.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.403/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : CRYSTALS OF PYRROLOQUINOLINEQUINONE SODIUM SALTS

(51) International classification :C07D471/04
(31) Priority Document No :2009-168087
(32) Priority Date :16/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059761
Filing Date :09/06/2010
(87) International Publication No :WO 2011/007633
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)MITSUBISHI GAS CHEMICAL COMPANY, INC.
Address of Applicant :5-2, MARUNOUCHI 2-CHOME,
CHIYODA-KU TOKYO 100-8324 Japan
(72)Name of Inventor :
1)EDAHIRO, JUNICHI
2)SAKAMOTO, HITOSHI
3)IKEMOTO, KAZUTO
4)SHIMIZU, HAJIME
5)HASEGAWA, TASUYA
6)NAKANO, MASAHIKO

(57) Abstract :

A crystal of pyrroloquinoline quinone disodium salt having peaks at 2θ of 9.1°, 10.3°, 13.8°, 17.7°, 18.3°, 24.0°, 27.4°, 31.2° and 39.5° (Δ±0.2° for each) in powder X-ray diffractometry using Cu Kα radiation, or a crystal of pyrroloquinoline quinone trisodium salt having peaks at 2θ of 6.6°, 11.4°, 13.0°, 22.6°, 26.9°, 27.9°, 37.0°, 38.9° and 43.4° (Δ±0.2° for each) in powder X-ray diffractometry using Cu Kα radiation.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.41/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CSCF ENTITY DISASTER TOLERANCE AND LOAD BALANCING

(51) International classification :H04L29/06
(31) Priority Document No :200910108354.7
(32) Priority Date :19/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073254
Filing Date :26/05/2010
(87) International Publication No :WO 2010/145426 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ZTE CORPORATION
Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH,
HI-TECH, INDUSTRIAL PARK, NANSHAN SHENZHEN,
GUANGDONG 518 057 China
(72)Name of Inventor :
1)XINGMIN XU
2)HONGFANG AI
3)JIAN HAN
4)PENG REN

(57) Abstract :

The present invention discloses a system and method for CSCF entity disaster tolerance and load balancing.the system comprises P-CSCF entities, I-CSCF entities and S-CSCF entities, and further comprises a DNS Server. The present invention uses a DNS UPDATH message to report the load equivalent weight of the CSCF entity at regular time, so that the DNS Server can use the load equivalent weight when executing the load balancing strategy. It makes the disaster tolerance and load balancing in the IMS network be much easier to use and extend, thus reducing the load of the IMS network.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : JOINT DETECTION METHOD AND DEVICE

(51) International classification :H04B 17/00
(31) Priority Document No :200910259260.X
(32) Priority Date :15/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073278
Filing Date :26/05/2010
(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

(71)Name of Applicant :
1)ZTE CORPORATION
Address of Applicant :ZTE PlazaÂ Keji Road SouthÂ Hi-Tech Industrial ParkÂ Nanshan ShenzhenÂ Guangdong 518057Â China. China
(72)Name of Inventor :
1)Liang CHEN

(57) Abstract :

The invention discloses a method and device for joint detection. The method comprises: obtaining a matched filtering signal corresponding to a received mixed signal; estimating a cumulative metric corresponding to each path reaching each joint state at each moment based on the matched filtering signal, wherein the joint state contains a signal sequence estimation of each dispersion channel of each user at a corresponding moment; obtaining a survival cumulative metric of each joint state at each moment and a signal sequence estimation of a survival farthest dispersion channel corresponding to each user in each joint state based on each estimated cumulative metric; and obtaining a signal sequence estimation of each user based on the survival cumulative metric of each joint state at each moment and the signal sequence estimation of the survival farthest dispersion channel corresponding to each user in each joint state. The method and device of the invention achieves optimal demodulation performance and increases accuracy of signal sequence estimation during synchronous demodulation of signals of multiple users.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4024/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/12/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : FOLDABLE TROLLEY CART FOR LPG CYLINDER

(51) International classification	:B62B3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GIGI DEVASY
(32) Priority Date	:NA	Address of Applicant :THALONIKARA HOUSE,
(33) Name of priority country	:NA	PERUMPANACHY P.O CHANGANACHERRY, KOTTAYAM
(86) International Application No	:NA	- 686 536 Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GIGI DEVASY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A foldable cart type trolley to transport LPG cylinder with less effort is presented. The design consists of upright supporting frames 8 with a semicircular part 7 at the top and two bends 9 in another plane at the lower part, which is connected together by a horizontal bar or pipe 10. The wheel assembly of the trolley built of two wheels 11 with a wheel axle 12 that passes through the horizontal bar 10 is fixed to the said upright supporting bars 8 with bend 9. A suitably cut C- Chanel or properly bend and cut metal plate 4 from the centre of the semicircular part 7 to the horizontal bar 6 forms a means to fix the handle bar 2 to the said frame consisting of 7,8,9,10 using spring type hinge mechanism or using nut& bolt which helps folding. The "U" shaped hook device 3 and a projection raised outwards at an angle is capable of lifting the LPG cylinder while loading, by hooking the device 3 at the VP ring of LPG cylinder and tilting the entire system. The hook device 3 fixed on the handle bar 2 is of the same height of the V.P.ring of the LPG cylinder by a welding mechanism facilitating the dispersion of forces among the said frame which consists of 7, 8, 9, 10. The trolley is designed in such a way that the wider part of the supporting frame 8 inserts more portion of the LPG cylinder into the trolley and the horizontal bar 6 just touches the hemi spherical area at the top of the LPG cylinder giving no room for unwarranted movements and thereby ensuring smooth and safe transport.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.413/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

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

(51) International classification	:G06F
(31) Priority Document No	:P2009-170118
(32) Priority Date	:21/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/061161
Filing Date	:30/06/2010
(87) International Publication No	:WO 2011/010533
	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)SONY CORPORATION
Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO Japan
(72)Name of Inventor :
1)KOUICHI MATSUDA
2)MASAKI FUKUCHI

(57) Abstract :

The present invention provides a configuration that allows for a cursor or other object that has moved outside the display section to be displayed as a virtual object and observed. A cursor or object lying in an area outside the area of the display section of a PC or other device is displayed as a virtual object. For example, the display of goggles worn by the user displays a display device such as a PC and the area outside the display device. The three-dimensional position of the cursor or object that has probably moved in response to user operation is calculated, after which the cursor or object is displayed as a virtual object at the calculated position. Further, object information for the object specified by the cursor is acquired and presented.

No. of Pages : 86 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.391/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SNAP MEMBER

(51) International classification :F16B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2009/063000
Filing Date :17/07/2009
(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

(71)Name of Applicant :
1)YKK CORPORATION
Address of Applicant :1 Kanda Izumi-cho Chiyoda-ku
Tokyo 101-8642 Japan Japan
(72)Name of Inventor :
1)HASEGAWA Kenji
2)SUGIYAMA Hiroyuki

(57) Abstract :

[ABSTRACT] A snap member 10 40 60 80 100 has a body 11 41 61 81 101 that includes an insertion bore 16 46 66 86 106 to which the post 31 of the snap attaching member 30 is to be inserted after piercing the flexible sheet 20. The insertion bore 16 46 66 86 106 includes an insertion open end 17 47 67 87 107. The body 11 41 61 81 101 includes a plurality of wedged edges 18 48 68 88 108 provided at the insertion open end 17 47 67 87 107 of the insertion bore 16 46 66 86 106 and arranged in a circumferential direction of the insertion open end 17 47 67 87 107. Each wedged edge 18 48 68 88 108 has a tip 19 49 69 89 109.

No. of Pages : 50 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3988/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/12/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : A SITTING IMPLEMENT

(51) International classification	:A47C 1/00	(71)Name of Applicant : 1)PALLEGAR, BHAVANI SHANKAR
(31) Priority Document No	:NA	Address of Applicant :NO 25/2, PRAKRUTHI, ROAD
(32) Priority Date	:NA	OPPOSITE MASJID, C B HALLI,,AMS EXTENSION,
(33) Name of priority country	:NA	VIDYARANYAPURA, BANGALORE 560 097 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PALLEGAR, BHAVANI SHANKAR
(87) 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 sitting implement of the present invention has bends and contours of the mainframe structure and additionally fitted eccentric, circular open loop frames. The hand rest positioning horizontal to seating at proper level and has an angular support from the open end of the handle frame to the base of the backrest side of the mainframe. All these features provide springing / swinging / rocking action of the chair. Additionally the adjustable headrest loops on the mainframe facilitates comfortable positioning of the head and neck on the suitably cushioned roller support.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.409/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : FREQUENCY DIVIDER WITH A CONFIGURABLE DIVIDING RATIO

(51) International classification :H03K21/00
(31) Priority Document No :61/226,226
(32) Priority Date :16/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042191
Filing Date :15/07/2010
(87) International Publication No :WO 2011/008999 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :INTERNATIONAL IP
ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
DIEGO, CALIFORNIA 92121 U.S.A.
(72)Name of Inventor :
1)DONGJIANG QIAO
2)FREDERIC BOSSU

(57) Abstract :

A method for dividing the frequency of a signal using a configurable dividing ratio is disclosed. An input signal with a first frequency is received at clocked switches in a frequency divider with a configurable dividing ratio. Non-clocked switches inside the frequency divider are operated to select one of multiple dividing ratios. An output signal is output with a second frequency that is the first frequency divided by the selected dividing ratio.

No. of Pages : 38 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.412/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : APPARATUS AND METHOD FOR SIGNALLING ACTIVE ASSIGNMENTS TO A GROUP OF WIRELESS STATIONS

(51) International classification	:H04W74/04
(31) Priority Document No	:61/222,947
(32) Priority Date	:03/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/001041
Filing Date	:05/07/2010
(87) International Publication No	:WO 2011/000114 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)ROCKSTAR BIDCO, LP
Address of Applicant :1285 AVENUE OF THE AMERICAS,
NEW YORK, NEW YORK 10019-6064 U.S.A.
(72)**Name of Inventor :**
1)ROBERT NOVAK

(57) Abstract :

In a method of signalling active assignments to an ordered group of wireless terminals in communication with a base station in a wireless communication system, each wireless terminal of the ordered group having a corresponding position within the ordered group, the base station: determines an allocation of active assignments for the ordered group, the allocation corresponding to a number of active assignments; determines an index value identifying the allocation in a set of possible allocations for the number of active assignments for the ordered group; and transmits the index value to at least one wireless terminal of the ordered group of wireless terminals. '

No. of Pages : 41 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.414/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : PRIORITY AND SIGNALLING POWER BASED RESOURCE ASSIGNMENT

(51) International classification :H04W52/04
(31) Priority Document No :61/223,099
(32) Priority Date :06/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/001001
Filing Date :06/07/2010
(87) International Publication No :WO 2011/003180 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)ROCKSTAR BIDCO, LP
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NEW YORK, NEW YORK 10019-6064 U.S.A.
(72)Name of Inventor :
1)ROBERT NOVAK
2)MO-HAN FONG

(57) Abstract :

Methods and devices are described herein for prioritizing a plurality of packets for potential transmission and in an iterative fashion: i) determining power requirements for control channel signalling associated with a highest priority packet not yet analyzed for resource assignment; and ii) assigning resources for said highest priority packet if sufficient power for control channel signalling is available and sufficient resources for said highest priority packet are available. A further method includes assigning a plurality of users to one of a plurality of signalling groups, wherein said plurality of users within said one of a plurality of groups use - a first of a plurality of HARQ interlace offsets for their first respective HARQ transmissions.

No. of Pages : 67 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.3847/CHE/2010 A

(43) Publication Date : 29/03/2013

(54) Title of the invention : MAGNETIC BRAKES

(51) International classification	:H01F, B60R	(71)Name of Applicant : 1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED Address of Applicant :123, INDUSTRIAL LAYOUT, HOUSR ROAD, KORMANGALA, BANGALORE - 560 095 Karnataka India 2)ROBERT BOSCH GMBH
(31) Priority Document No	:NA	(72)Name of Inventor : 1)PRADEEP PAULRAJ
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a magnetic braking device 10 for a vehicle. The magnetic braking device comprises a permanent magnet (12, 14) and a pair of electromagnetic coils 16. The permanent magnet is in the form of a disc and is fitted to the wheel. The poles of the permanent magnet are either in radial direction or in longitudinal direction. When the coils of the electromagnet are energized, the poles of the electromagnet attract the pole of the permanent magnet. The amount of flux coupled between the two magnets is controlled by the amount of current flowing in the coils. The attractive forces between the electromagnet and the permanent magnet cause the two to get attracted towards each other. As the permanent magnet is having rotary motion and the electromagnet is stationary, the attractive forces between them cause the retardation of the disc, thereby reducing the speed of the wheel thereby reducing the speed of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3851/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :15/12/2010

(43) Publication Date : 29/03/2013

(54) Title of the invention : A COMBINATION OF PARTS OF FIVE PLANTS PROCESSED IN COCONUT MILK THAT REDUCE PAIN CAUSE BY MIGRAINE

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAMPUZHACKAL THOMAS GEORGE VAIDYAR
(32) Priority Date	:NA	Address of Applicant :MAMPUZHACKAL(HOUSE),
(33) Name of priority country	:NA	CHEMPERI (P.O), KANNURE (DT.) - 670 632. Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MAMPUZHACKAL THOMAS GEORGE VAIDYAR
(87) 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 process of making a peripheral application that reduce pain caused by migraine, by combining parts of five herbs.Â According to this invention the five herbs are:-Ale-barbondis, Naravelia zcyLANica, Glycosmis cochin-chinensis, Mucuna gigantea and Tabernamontana heyneanwallex.Â A pulp made by different parts of these herbs, processing it in coconut milk to obtain an oil.Â By applying this oil on the periphery of afflicted points, the pain caused by migraine decrease.

No. of Pages : 4 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.39/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :04/01/2008

(43) Publication Date : 29/03/2013

(54) Title of the invention : SOUND SYSTEM OF MOTORCYCLE

(51) International classification

:G01P

(31) Priority Document No

:2007-

001631

(32) Priority Date

:09/01/2007

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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2)MORI, KAZUHIKO

3)HATAYAMA, ATSUSHI

4)SAKAMOTO, JUNICHI

(57) Abstract :

[Problem] To provide a sound system of a motorcycle which can miniaturize a meter panel and can form a periphery of a handle steering portion in a compact shape. [Means for Resolution] In a motorcycle which includes a meter 55 having display means on a vehicle such as a speedometer 55b and an engine tachometer 55d, a sound part which is mounted on a vehicle, and speakers 56 which are arranged in the vicinity of the meter 55 and output sounds produced from the sound part, the meter 55 and the speakers 56 are integrally formed on a meter panel 173, and a profile of the meter 55 includes escape portions 61, 62 which correspond to a profile of the speakers

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.390/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : OIL PIPE SUSPENSION DEVICE&NBSP; AND INSTALLATION METHOD

(51) International classification :B60D
(31) Priority Document No :0903496
(32) Priority Date :16/07/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/051447
Filing Date :08/07/2010
(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)LUPPI^Â Ange
2)BERGER Anthony

(57) Abstract :

Abstract The invention relates to a suspension device (14) for suspending an oil pipe on an underwater float (12) between a seabed and a sea surface. The invention also relates to a method for installing such a device. Said device (14) includes two hitching members (16^Â 18) that respectively comprise a connection end (22^Â 22) and an attachment end (24^Â 24)^Â said hitching members being respectively attached to said float (12) and to the coupling end (10) of said pipe by the fastener thereof while said connection ends (24^Â 24) are connected by connection means (20^Â 20 ~. According to the invention^Â said connection end (22^Â 22) of each hitching member (16^Â 18)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.420/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : BROKERING SYSTEM FOR LOCATION-BASED TASKS

(51) International classification	:G06Q30/00
(31) Priority Document No	:12/533,851
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044042
Filing Date	:30/07/2010
(87) International Publication No	:WO 2011/014853 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)WOODCOCK, KATRIKA

(57) Abstract :

Brokering locations for the completion of tasks. Location information for a plurality of sellers is maintained. Buyers define tasks to be performed at particular task locations at particular times. A brokering system notifies the sellers of the defined tasks, and selects sellers near the task locations to complete the tasks. The sellers complete the tasks to produce output such as a physical or digital deliverable. Upon verifying completion of the task, the brokering system arranges the transfer of compensation between the buyers and the sellers. In some embodiments, the brokering system selects the sellers via an auction to enable the performance of various buyer-defined tasks that are location-specific. Further, location-based applications may be built on top of the brokering system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.418/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : ULTRASONIC INSPECTION PROBE AND ULTRASONIC INSPECTION APPARATUS

(51) International classification :G01N29/04
(31) Priority Document No :2009-191794
(32) Priority Date :21/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/063691
Filing Date :12/08/2010
(87) International Publication No :WO 2011/021564
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHIMIZU, MASATSUGU
3)AOKI, KIYOTAKA
4)TSUJI, SHINICHI

(57) Abstract :

Provided are an ultrasonic testing probe and an ultrasonic testing apparatus capable of reducing the time required for flaw detection while maintaining the flaw-detection capability, irrespective of the shape of the inner surface of a tested object. A first probe (21) and a second probe (22) are provided, in each of which a plurality of oscillators that transmit ultrasonic waves to a tested object (T) and detect the ultrasonic waves reflected from the tested object (T) are arrayed. The first probe (21) is disposed closer to a flaw in the tested object (T) than the second probe (22) is. The first probe (21) generates longitudinal ultrasonic waves that propagate on an inner surface (T5) of the tested object (T) opposite to an outer surface (T2) thereof where the first probe (21) and the second probe (22) are disposed and transverse ultrasonic waves that propagate from the outer surface (T2) toward an inside of the tested object (T). The second probe (22) generates longitudinal ultrasonic waves that propagate on the outer surface (T2) and longitudinal ultrasonic waves that propagate from the outer surface (T2) toward the inside of the tested object (T).

No. of Pages : 29 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.426/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : POLYOLEFIN-BASED ARTIFICIAL LEATHER

(51) International classification :D04H
(31) Priority Document No :61/226,082
(32) Priority Date :16/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/035256
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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1)CHEEÂ Ho Jin
2)OHMURA Takahiko
3)KANG Hosung
4)WALTON Kim

(57) Abstract :

ABSTRACT Artificial leather comprising a multi-layer structure comprises a top coating layerÂ a middle foam layerÂ and a bottom fabric layer. The top coating layer comprises a propylene-alpha-olefin copolymer in combination with one or more elastomeric compoundsÂ the foam layer also comprises a propylene-alpha-olefin copolymer in combination with one or more elastomeric compounds plus a blowing agentÂ and the fabric layer comprises a nonwoven spunbond material.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.428/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : DIFFERENTIAL SIGNAL TRANSMISSION LINE IC PACKAGE AND METHOD FOR TESTING SAID DIFFERENTIAL SIGNAL TRANSMISSION LINE AND IC PACKAGE

(51) International classification :H04L
(31) Priority Document No :2010-110220
(32) Priority Date :12/05/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/002188
Filing Date :13/04/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHIBATA Osamu
3)SUENAGA Hiroshi
4)SAITO Yoshiyuki

(57) Abstract :

ABSTRACT An IC package (50) includes an integrated circuit (10) for transmitting and receiving a pair of differential signals composed of a signal having positive polarity and a signal having negative polarity a first signal terminal (41a) for transmitting the signal having positive polarity a second signal terminal (41b) for transmitting the signal having negative polarity and a third terminal (43) arranged between the first signal terminal and the second signal terminal. The first and second terminals are electrically connected to the integrated circuit and the third terminal (43) is not electrically connected to the integrated circuit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.432/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND DEVICE FOR PROCESSING DATA CACHING

(51) International classification :G06F
(31) Priority Document No :200910161519.7
(32) Priority Date :24/07/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073072
Filing Date :21/05/2010
(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)Hongqi CHEN
2)Chang ZHOU

(57) Abstract :

The present invention discloses a method and device for processing data caching, wherein the method includes: storing cached data into a memory; after reading out the cached data from a memory space address for storing the cached data in the memory, judging whether the cached data that have been read out are the same as the cached data to be written before the storing, if so, then deciding that the memory space for storing the cached data in the memory is normal; if not, then deciding that the memory space for storing the cached data in the memory is abnormal; and when the cached data is stored during the subsequent data caching process, storing the cached data only into the memory spaces in normal state in the memory. The present invention can be implemented with simple code migration and may be directly applied to an existing device for data caching to detect whether an unsafe memory space exists in the memory, thus improving the reliability of data caching.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.43/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD FOR TRANSFERRING PACKET DATA IN WIRELESS NETWORK AND BASE STATION CONTROLLER

(51) International classification	:H04L12/56
(31) Priority Document No	:200910189252.2
(32) Priority Date	:22/12/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/074502
Filing Date	:25/06/2010
(87) International Publication No	:WO 2010/149079 A1
(61) Patent of Addition to 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 LI
2)HONG YAN
3)JIANFENG HE

(57) Abstract :

A method for transferring packet data in a wireless network and a base station controller (BSC) thereof are provided in the present invention. The technical key points of the present invention are as follows: before the BSC receives the message sent by the Serving GPRS Support Node (SGSN) for requesting the acknowledgement of a cell update in the mobile station (MS), the packet data of a first cell to be originally sent to the MS is transferred to the temporary block flow (TBF) of the MS and a second cell, and is sent to the BTS of the second cell by the TBF of the MS and a second cell, as last, is sent to the MS by the BTS of the second cell. The packet data loss resulting from the MS moving from the first cell to the second cell can be effectively decreased, the normal data communication related to the MS can be ensured, and the retransmission rate of the packet data after the cell update can be reduced.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.557/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : PROCESSES FOR PREPARING PROTEASE INHIBITORS OF HEPATITIS C VIRUS

(51) International classification :A61K38/00
(31) Priority Document No :61/237,440
(32) Priority Date :27/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/046725
Filing Date :26/08/2010
(87) International Publication No :WO 2011/025849 A1
(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)TELLERS, DAVID, M.
5)LIEBERMAN, DAVID, R.

(57) Abstract :

The present invention relates to synthetic processes useful in the preparation of macrocyclic compounds of Formula (I) that are useful as inhibitors of the hepatitis C virus NS3 protease and have application in the treatment of conditions caused by the hepatitis C virus. The present invention also encompasses intermediates useful in the disclosed synthetic processes and the methods of their preparation.

No. of Pages : 101 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.598/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND DEVICE FOR PROCESSING A SLAB

(51) International classification :B21B39/14
(31) Priority Document No :10 2009 029 887.8
(32) Priority Date :23/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2009/005942
Filing Date :17/08/2009
(87) International Publication No :WO 2010/149192
A1
(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 method for processing a slab (1) in a device, which comprises at least one furnace (2), at least one processing device (3, 4) arranged downstream of the furnace (2) in the conveying direction (F) of the slab (1), and a rolling train (5) arranged downstream of the at least one processing device (3, 4) in the conveying direction (F) of the slab (1), where in means (6, 7) are provided, by means of which a force can be applied to the sides (8, 9) of the slab (1) in order to move the axis (10) of the slab (1) in agreement with a specified position transversely to the conveying direction (F) of the slab (1), in particular in accordance with the axis (11) of the rolling train (5). In order to optimize the rolling process by precisely introducing the slab into the rolling train, according to the invention first means (6) act on the slab (1) to apply a lateral force to the slab (1) at a first location (12), and second means (7) act on the slab (1) to apply a lateral force to the slab (1) at a second location (13), wherein the second location (13) lies at a distance from the first location (12) in the conveying direction (F) of the slab (1), wherein the first location (12) lies behind the furnace (2) and wherein the second location (13) lies in front of, within, or behind the at least one processing device (3, 4). The invention further relates to a device for processing a slab.

No. of Pages : 40 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.631/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SEALING DEVICE

(51) International classification :F27D11/10
(31) Priority Document No :20095823
(32) Priority Date :04/08/2009
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2010/050614
Filing Date :03/08/2010
(87) International Publication No :WO 2011/015712
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RONNBERG, TOM

(57) Abstract :

In a sealing device (1) for sealing the through hole of an electrode, the pressurizing medium that generates the pressure of mechanical sealings against a rod electrode structure is an inert gas, such as nitrogen. The means for pressing the created sealing ring (6) against the rod electrode structure (4) include a gas distribution chamber (8) surrounding the sealing ring (6); a first channel (9) that is arranged to provide a flow path for the inert gas in between the hose (14) and the gas distribution chamber (8); an annular groove (10) in the sealing surface (7) of the sealing ring (6); and a second channel (11), which is placed in the sealing ring (6) and is arranged to provide a flow path for the gas from the gas distribution chamber to the groove (10) for extruding the gas in between the sealing surface (7) and the rod electrode structure (4).

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.429/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : PROPULSION CONTROL APPARATUS FOR ELECTRIC MOTOR CAR

(51) International classification :B60L
(31) Priority Document No :PCT/JP2009/062813
(32) Priority Date :15/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/061415
Filing Date :05/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HATANAKA Keita

(57) Abstract :

A propulsion control apparatus for an electric motor car includes: an inverter apparatus connected to a DC power supply; a motor connected to an output of the inverter apparatus; a converter apparatus connected to an input of the inverter apparatus; and a power storage apparatus connected to an output of the converter apparatus. The propulsion control apparatus for an electric motor car is configured to discharge a part of power running power or regenerative power of the motor from the power storage apparatus or charge a part of the power running power or the regenerative power in the power storage apparatus. The converter apparatus includes a converter control unit that generates based on a regeneration state signal as a signal indicating a suppression state of the regenerative power or regenerative torque or regenerative current equivalent to the regenerative power a charging current command value which is a command value of an electric current with which the converter apparatus charges the power storage apparatus generates a charging and discharging current command value of the converter apparatus based on the charging current command value and performs control.

No. of Pages : 64 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.431/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ADVANCED ARQ BUFFER MANAGEMENT IN WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04L
(31) Priority Document No	:61/269,857
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/004259
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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2)Young-Bin CHANG

(57) Abstract :

An Automatic Repeat reQuest (ARQ) transmitter for use in a wireless communication system and method for its operation are provided. The method includes determining unutilized capacity of an ARQ receiver buffer in an ARQ receiverÂ determining if the ARQ receiver buffer can support an ARQ block to be transmitted based on the determined unutilized capacity of the ARQ receiver bufferÂ and if it is determined that the ARQ receiver buffer can support the ARQ block to be transmittedÂ transmitting the ARQ block to the ARQ receiver.

No. of Pages : 42 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.433/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR COMMUNICATING CONTROL INFORMATION BY A WEARABLE DEVICE TO CONTROL MOBILE AND CONSUMER ELECTRONIC DEVICES

(51) International classification :G06F
(31) Priority Document No :61/228,119
(32) Priority Date :23/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043140
Filing Date :23/07/2010
(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)MICHAELIS Oliver
3)JAIME Manuel Eduardo

(57) Abstract :

A method for communicating control information by a wearable device is disclosed. The method includes determining a first movement according to a first degree of freedom as being gesture-related and a second movement according to a second degree of freedom as being gesture-related; generating a first set of possibly performed gestures based on the first movement; generating a second set of possibly performed gestures based on the second movement; inferring from the first and second sets whether the first movement is representative of an intended command; and transmitting information based on the inference. An apparatus for performing the method is also disclosed.

No. of Pages : 44 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.637/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND STRAND SINTERING EQUIPMENT FOR CONTINUOUS SINTERING OF PELLETIZED MINERAL MATERIAL

(51) International classification :C22B1/26
(31) Priority Document No :20095821
(32) Priority Date :04/08/2009
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2010/050615
Filing Date :03/08/2010
(87) International Publication No :WO 2011/015713
A1
(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)PALANDER, MARKO

(57) Abstract :

In a method and equipment for continuous sintering of pelletized mineral material, a partition wall (7, 8) arranged between two adjacent cooling chambers (4, 5; 5, 6) is in the height direction placed at a distance from the pellet bed (2), so that in between the partition wall (7, 8) and pellet bed (2), there is left a gap (s) that allows gas to flow between two adjacent cooling chambers (4, 5; 5, 6) through the gap (s) in order to equalize the pressure between the cooling chambers.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.654/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYNTHESIS AND USE OF FLUOROPHORE-TAGGED ANTIMALARIALS

(51) International classification :A61K31/37

(31) Priority Document No :61/221,304

(32) Priority Date :29/06/2009

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

(86) International Application No :PCT/SG2010/000240

Filing Date :28/06/2010

(87) International Publication No :WO 2011/002415 A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)TAN, KEVIN SHYONG WEI

(57) Abstract :

This invention includes a fluorophore-tagged antimalarial represented by the following structural formula (1) or a salt thereof. This invention relates to the synthesis of fluorophore-tagged antimalarials and describes the synthesis of a fluorophore-tagged antimalarial. These fluorophore-tagged antimalarials can be used to image live cells to determine the location of the antimalarial in the cell, identify drug resistance and growth related pathways in Plasmodium isolates, identify new drug targets and chemo-sensitizers to reverse drug resistance.

No. of Pages : 48 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.639/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : CATALYSIS OF EPOXY RESIN FORMULATIONS HAVING SPARINGLY SOLUBLE CATALYSTS

(51) International classification :C08G59/40
(31) Priority Document No :10 2009 027 825.7
(32) Priority Date :20/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/055793
Filing Date :29/04/2010
(87) International Publication No :WO 2011/009648
A1
(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)SPYROU, EMMANOUIL
2)LOMOELDER, RAINER
3)KREISCHER, SUSANNE
4)VOCKER, ANDREA

(57) Abstract :

Catalysis of epoxy resin formulations having sparingly soluble catalysts The present invention relates to epoxy resin formulations having a specific sparingly soluble catalyst mixture to increase the reactivity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.652/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : NANOSTRUCTURED SILDENAFIL BASE, ITS PHARMACEUTICALLY ACCEPTABLE SALTS AND CO-CRYSTALS, COMPOSITIONS OF THEM, PROCESS FOR THE PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

(51) International classification	:A61K9/14
(31) Priority Document No	:P0900377
(32) Priority Date	:19/06/2009
(33) Name of priority country	:Hungary
(86) International Application No	:PCT/HU2010/000071
Filing Date	:18/06/2010
(87) International Publication No	:WO 2010/146407 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)OTVOS, ZSOLT
3)PONGRACZ, KATALIN
4)DARVAS, FERENC

(57) Abstract :

The present invention is directed to nanostructured (nanoparticulated) Sildenafil base, its pharmaceutically acceptable salts and co-crystals, compositions containing them, process for the preparation thereof and pharmaceutical compositions containing them. The nanoparticles of Sildenafil base, its pharmaceutically acceptable salts and co-crystals, compositions containing them according to the invention have an average particle size of less than about 500 nm. Sildenafil citrate is inhibiting cGMP specific phosphodiesterase type 5 (PDEV), an enzyme that regulates blood flow in the penis. The compositions of the invention are useful in the treatment of male or female sexual dysfunction and pulmonary arterial hypertension (PAH).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.684/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : LIQUID CRYSTAL DISPLAY PANEL AND PROCESS FOR PRODUCTION THEREOF

(51) International classification :G02F1/1337
(31) Priority Document No :2009-162120
(32) Priority Date :08/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/002090
Filing Date :24/03/2010
(87) International Publication No :WO 2011/004518
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MASANOBU MIZUSAKI

3)YOUHEI NAKANISHI

(57) Abstract :

To provide a liquid crystal display panel that has high contrast and reduced display deficiency, a liquid crystal display panel of the present invention includes: a pair of substrates (1) and (2) facing each other; and a liquid crystal layer (3) sandwiched between the pair of substrates (1) and (2), the pair of substrates (1) and (2) being provided with a pair of respective alignment films (4) and (5) formed thereon and facing each other, the pair of alignment films (4) and (5) being provided with respective polymer films (6) and (7) formed thereon and each made of a monomer in the liquid crystal layer (3), the pair of alignment films (4) and (5) containing a macromolecular compound having a functional group represented by at least one of General Formulae (1) through (5), the liquid crystal layer (3) containing a polymerizable monomer represented by at least one of General Formulae (6) through (8), the polymer films (6) and (7) each being (i) made of the polymerizable monomer represented by at least one of General Formulae (6) through (8) and (ii) bonded to the functional group represented by at least one of General Formulae (1) through (5).

No. of Pages : 53 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.713/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : WIRELESS NETWORK ELEMENT AND METHOD FOR ANTENNA ARRAY CONTROL

(51) International classification :H01Q1/24
(31) Priority Document No :0911694.8
(32) Priority Date :06/07/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2010/058402
Filing Date :15/06/2010
(87) International Publication No :WO 2011/003701
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CONOR O'KEEFFE
2)JOE MOORE

(57) Abstract :

The present invention relates to a wireless network element is operably couplable to an antenna array for communicating with at least one remote wireless communication trait. The antenna array comprises a plurality of radiating elements where at least one first radiating element of the plurality of radiating elements is arranged to create a radiation pattern in a sector of a communication cell. The wire less network element comprises a receiver arranged to receive and process at least one signal from the at least one remote wireless communication unit via the at least one first radiating element. The wireless network element also comprises a beam scanning module for stepping/sweeping the radiation pattern through the sector of the communication cell, such that at least one signal from the at least one remote wireless communication unit is processed to identify signal parameters representative of incoming signal power and angle of arrival of the received at least one signal.

No. of Pages : 54 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.424/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : ROCK2 AND ROCK3&NBSP; TWO NEW GAIN-OF-FUNCTION VARIANTS OF THE CYTOKININ RECEPTORS AHK2 AND AHK3

(51) International classification :C07K 14/415

(31) Priority Document No :09165161.2

(32) Priority Date :07/10/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/059885

Filing Date :07/09/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)WERNER Tom

3)BARTRINA Y MANNS Isabel

4)BRAUN Helen

(57) Abstract :

The present invention relates to two new gain of function variants of the cytokinin receptor proteins AHK2 and AHK3 namely rock2 and rock3 to transgenic organisms comprising at least one of said new gain-of-function cytokinin receptor variants and to a method for the manufacturing of a transgenic plant comprising at least one of the new gain-of-function variants. Fig No: 1

No. of Pages : 75 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.427/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : FLOWABLE HIGH-CONCENTRATION SURFACTANT MIXTURES

(51) International classification :B01F
(31) Priority Document No :0912468.6
(32) Priority Date :17/07/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/051156
Filing Date :14/07/2010
(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 :

ABSTRACT Composition and Method A stable flowable aqueous composition comprising at least two component surfactants each component surfactant having a maximum solubility in water at which a saturated solution forms wherein the total concentration of all surfactants present in the composition is greater than would be obtained by combining equivalent amounts of saturated solutions of the component surfactants; wherein at least one component surfactant includes a compound of formula (I): (I) wherein R1 represents a C4-36 alkyl group; each of R2 R3 R4 and R5 independently represents a hydrogen atom or a C1-4 alkyl group and wherein at least one of R2 R3 R4 and R5 is not hydrogen and M+ represents a cation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.487/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : INTERNET AND MOBILE TECHNOLOGIES BASED SECURED LOTTERY SYSTEM AND METHOD

(51) International classification	:A63F9/24
(31) Priority Document No	:61/187,733
(32) Priority Date	:17/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038865
Filing Date	:16/06/2010
(87) International Publication No	:WO 2010/148118 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)SUBBIAN, NALLAPERUMAL
3)TANNIRU, MURTHY

(57) Abstract :

A system and method for secure electronic government service are provided. The system and method can eliminate the need for travel to an authorized retailer by a player of the lottery since purchase can be facilitated anywhere, anytime via the Internet. In addition, using the system, winning tickets or games are automatically recognized and the purchaser is immediately notified and the winner will be notified using various electronics mechanisms and prize payments can be made in accordance with state law and the prize money will be automatically distributed to the winner's account. The system and method also can be used in similar applications like banking systems and voting systems where higher-level security standards, accountability of the purchaser and system transactions, and verification of those transactions are desirable.

No. of Pages : 32 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.640/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : NITROGEN-CONTAINING SPIRO-RING COMPOUND AND MEDICINAL USE OF SAME

(51) International classification :C07D519/00
(31) Priority Document No :2009-179502
(32) Priority Date :31/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/062873
Filing Date :30/07/2010
(87) International Publication No :WO 2011/013785
A1
(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)HARA, YOSHINORI

5)YAMANAKA, HIROSHI

6)MAEDA, KATSUYA

7)HORI, AKIMI

8)INOUE, MASAFUMI

9)HASE, YASUNORI

(57) Abstract :

wherein each symbol has the same meaning as defined herein, or a pharmaceutically acceptable salt thereof, or a solvate thereof, and a pharmaceutical use of the same in treating organ transplant rejection, graft versus host reaction after transplantation, autoimmune disease, allergic disease and chronic myeloproliferative disease.

No. of Pages : 119 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.753/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : DIGITAL DISPLAY DEVICE, IN PARTICULAR FOR PREPARING A PATH

(51) International classification :G06F3/048

(31) Priority Document No :0955358

(32) Priority Date :30/07/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/051508

Filing Date :19/07/2010

(87) International Publication No :WO 2011/015752

A1

(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)MOLINO, LOIC

2)REGNIEZ, CHRISTOPHE

(57) Abstract :

The invention relates to a digital display device (10), comprising a display (12) for a scene (14), a means for displaying a virtual tool (18) for selecting at least one point (20) of the scene (14), and a touch-sensitive means for controlling said screen (12) coupled to the display means in order to move said virtual tool (18) on said scene (14). The virtual selection tool (18) includes at least one first display area (18A) for locating said point (20) on said scene (14), and a second display area (18B) for the touch-sensitive control of the movement of said tool (18) on said scene (14). The first (18A) and second (18B) display areas are separate and interconnected with one another.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.689/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : SEMANTIC TRADING FLOOR

(51) International classification	:G06F17/00
(31) Priority Document No	:12/542,281
(32) Priority Date	:17/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044936
Filing Date	:10/08/2010
(87) International Publication No	:WO 2011/022238 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)VADDADI, PHANI, K.

3)PRASAD, RAJEEV

4)VADLAMANI, VISWANATH

5)SCHOONOVER, ERIC

(57) Abstract :

Review and filtering of search results is facilitated by providing additional types of results beyond links to existing documents can be provided in addition to or in place of links to existing documents. These additional results can facilitate modifying a search request to filter out unwanted documents. The additional results, when in the form of content display objects and/or application display objects, can also provide the user with varying levels of information detail. In some preferred embodiments, an ontology based knowledge base can be leveraged in order to facilitate providing and filtering the results.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.704/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : A WIRELESS POWER SUPPLY

(51) International classification	:H02J5/00
(31) Priority Document No	:61/228,192
(32) Priority Date	:24/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043047
Filing Date	:23/07/2010
(87) International Publication No	:WO 2011/011681 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)STONER, JR., WILLIAM T.
3)NGUYEN, HAI D.

(57) Abstract :

A universal wireless power supply comprising a plurality of wireless power transmitters and a power adapter including power supply circuitry and a housing, wherein said housing is divided into two sections coupled together by a rotating joint, wherein each of said sections includes at least one of said plurality of wireless power transmitters, wherein said two sections are capable of being rotated into different positions to vary the position and orientation of said plurality of wireless power transmitters.

No. of Pages : 64 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.752/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : IMAGE DATA DISPLAY SYSTEM, AND IMAGE DATA DISPLAY PROGRAM

(51) International classification :G06T1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2009/062731
Filing Date :14/07/2010
(87) International Publication No :WO 2011/007418
A1
(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)MIKI, MANABU
4)MIKI, HIKARU

(57) Abstract :

An image data display system 1, which can classify image data 13 into a cluster based on a predetermined condition regardless of whether or not the image data 13 conforms to DCF standard and can display information specific to the image data 13 when displaying the image data 13 as a slide show, is provided. A CPU 17 creates a cluster including a plurality of the image data 13 and creates a slide show table 31 which has a first cluster name candidate 31b and a second cluster name candidate 31j based on a FAT data 29 or an Exif data 30 and a third cluster name candidate 31k inputted by a user. The image display screen 3 combines any two of the above first cluster name candidate 31b, the second cluster name candidate 31j, and the third cluster name candidate 31k and displays a list of the combined candidates as cluster names 14 indicating contents of the image data 13. The user can select the cluster name 14 in high visibility and can easily display the desired image data 13 as the slide show.

No. of Pages : 65 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.756/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : MONITORING AND CONTROL SYSTEM FOR AN ELECTRICAL STORAGE SYSTEM OF A VEHICLE

(51) International classification	:H02J7/00
(31) Priority Document No	:12/534,005
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043576
Filing Date	:28/07/2010
(87) International Publication No	:WO 2011/014571 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)LATTIN, ROBERT M.

(57) Abstract :

A method of monitoring an electrical storage system. The method includes providing an electrical storage element defining a total storage capacity and having a state of charge cooperatively defining a total stored charge of the electrical storage element, determining a total stored charge value representative of the total stored charge of the electrical storage element, varying the total stored charge by charging the electrical storage element from the power source via an electrical charge or discharging the electrical storage element to the load via an electrical discharge, and updating the total stored charge value after varying the total stored charge.

No. of Pages : 27 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : EFFICIENT COLLIMATION OF LIGHT WITH OPTICAL WEDGE

(51) International classification :G02B27/30
(31) Priority Document No :61/235,922
(32) Priority Date :21/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/046129
Filing Date :20/08/2010
(87) International Publication No :WO 2011/022625 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)LARGE, TIMOTHY
3)EMERTON, NEIL
4)BATHICHE, STEVEN

(57) Abstract :

Embodiments of optical collimators are disclosed. For example, one disclosed embodiment comprises an optical waveguide having a first end, a second end opposing the first end, a viewing surface extending at least partially between the first end and the second end, and a back surface opposing the viewing surface. The viewing surface comprises a first critical angle of internal reflection, and the back surface is configured to be reflective at the first critical angle of internal reflection. Further, an end reflector is disposed at the second end of the optical waveguide, and includes a faceted lens structure to cause a majority of the viewing surface to be uniformly illuminated when uniform light is injected into the first end and also to cause a majority of the injected light to exit the viewing surface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.757/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : ABSORBENT ARTICLE USING HOOK-AND-LOOP FASTENER

(51) International classification :A61F13/49
(31) Priority Document No :2009-208695
(32) Priority Date :09/09/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/005527
Filing Date :09/09/2010
(87) International Publication No :WO 2011/030550
A1
(61) Patent of Addition 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)OKU, TOMOMI
3)MATSUSHIMA, HIDEKI

(57) Abstract :

The absorbent article comprising a hook-and-loop fastener that includes a male member which is provided to any one of the front waistline portion and the back waistline portion and which has an engagement surface formed of a group of a plurality of protrusions; and a female member which is formed of a fibrous material and is configured to engage with the male member. The female member includes a plurality of lines of fiber dense portions in which the fibrous material has a high basis weight, a plurality of lines of fiber sparse portions provided between the plurality of lines of fiber dense portions, the fibrous material in the fiber sparse portions having a basis weight lower than that in the fiber dense portions; and pressed portions intersecting the plurality of lines of fiber dense portions and the plurality of lines of fiber sparse portions. Further, since the rib portions 4 are pressed by the pressed portions 8 obtained by the embossing process, the rib portions 4 change shape from lines where the rib portions 4 intersect the pressed portions 8, and curve toward the peeling direction shown by arrow a to be a convex shape. Thereby, the impulsive peeling force can be further absorbed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.761/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : PROCESS FOR PRODUCING POLYARYLENE SULFIDE

(51) International classification	:C08G75/06
(31) Priority Document No	:2009-177241
(32) Priority Date	:30/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062659
Filing Date	:28/07/2010
(87) International Publication No	:WO 2011/013686
	A1
(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)YAMAUCHI, KOJI

(57) Abstract :

Provided is a production process by which the drawback in that high temperature and a long time are required in the conversion of cyclic polyarylene sulfide into polyarylene sulfide is overcome and polyarylene sulfide can be obtained at a low temperature and in a short time, which production process is a process for producing polyarylene sulfide, comprising heating a cyclic polyarylene sulfide in the presence of a zero-valent transition metal compound. Examples of zero-valent transition metal compounds include complexes comprising, as metal species, nickel, palladium, platinum, silver, ruthenium, rhodium, copper, silver, and gold, and heating is preferably carried out in the presence of 0.001 to 20 mol% of the zero-valent transition metal compound based on sulfur atoms in the cyclic polyarylene sulfide.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.769/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : LIGHT COLLECTOR FOR AN ILLUMINATION OPTIC

(51) International classification :G02B6/00
(31) Priority Document No :61/236,043
(32) Priority Date :21/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045675
Filing Date :17/08/2010
(87) International Publication No :WO 2011/022341 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)LARGE, TIMOTHY
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4)BATHICHE, STEVEN
5)LARSEN, GLEN, C.

(57) Abstract :

A light collector is provided to converge light from a light source down to a range of acceptance angles of an illumination optic, and to couple the converged light into the illumination optic, where the range of acceptance angles of the illumination optic is less than a range of emission angles of the light source.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.816/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : POLYMER ALLOYS, METHODS FOR PRODUCTION THEREOF, AND MOLDED PRODUCTS

(51) International classification :C08J3/20
(31) Priority Document No :2009-176343
(32) Priority Date :29/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/061941
Filing Date :15/07/2010
(87) International Publication No :WO 2011/013517
A1
(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)KOBAYASHI, SADAYUKI
2)OCHIAI, SHINICHIRO

(57) Abstract :

At least two or more components of thermoplastic resins are compounded by chaotic mixing to form a polymer alloy with a sophisticatedly controlled dispersed phase structure. In the polymer alloy, a dispersed phase having a non-periodic structure with a correlation length of 0.001 μm to 0.5 μm and having a compactness (C) of $0.05 < (C) < (a)/(b) < 1.5$, wherein (a) and (b) represent a peak half width and the maximum wave number of the peak, respectively, in a spectrum obtained by plotting scattering intensity against wave number of scattered light in scattering measurement can form a molded product that also has transparency while maintaining the original good heat resistance and mechanical properties of the resins blended.

No. of Pages : 73 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.642/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD OF TREATING CANCER WITH DLL4 ANTAGONIST AND CHEMOTHERAPEUTIC AGENT

(51) International classification	:A61K39/395
(31) Priority Document No	:61/220,465
(32) Priority Date	:25/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039999
Filing Date	:25/06/2010
(87) International Publication No	:WO 2010/151770 A1
(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)THIBAUT, ALAIN

(57) Abstract :

The invention provides methods for treating various types of cancer/tumor by administering the combination of DII4 antagonists, in particular, DII4 antibodies and fragments thereof that specifically bind human DII4, and chemotherapeutic agents. Such combination therapies exhibit synergistic effects compared to the treatment with either agent alone. Thus, the methods of the invention are particularly beneficial for cancer patients who have low tolerance to the side effects caused by high dosages required for the treatment by either agent alone, by being able to reduce effective dosages. Pharmaceutical compositions and kits containing DII4 antagonists and chemotherapeutic agents are also provided.

No. of Pages : 69 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.767/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : ILLUMINATOR FOR TOUCH-AND OBJECT-SENSITIVE DISPLAY

(51) International classification :G02F1/13357
(31) Priority Document No :61/235,962
(32) Priority Date :21/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/046141
Filing Date :20/08/2010
(87) International Publication No :WO 2011/022632 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)POWELL, KARLTON
2)MASALKAR, PRAFULLA
3)LARGE, TIMOTHY
4)BATHICHE, STEVEN

(57) Abstract :

An integrated vision and display system comprises a display-image forming layer configured to transmit a display image for viewing through a display surface; an imaging detector configured to image infrared light of a narrow range of angles relative to the display surface normal and including a reflection from one or more objects on or near the display surface; a vision-system emitter configured to emit the infrared light for illuminating the objects; a visible- and infrared-transmissive light guide having opposing upper and/or lower face, configured to receive the infrared light from the vision-system emitter, to conduct the infrared light via TIR from the upper and lower faces, and to project the infrared light onto the objects outside of the narrow range of angles relative to the display surface normal.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.813/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : STEAM GENERATOR

(51) International classification	:F22B29/06
(31) Priority Document No	:MI2009A001336
(32) Priority Date	:28/07/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/060558
Filing Date	:21/07/2010
(87) International Publication No	:WO 2011/012516
	A1
(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)MALAVASI, MASSIMO

2)VOLPI GHIRARDINI, GUIDO

3)CITTI, CLAUDIO

4)SAPONARO, ALESSANDRO

(57) Abstract :

A steam generator comprising: - water/steam tubes passing through the steam generator from the water inlet (62, 63, 64) to the superheated steam outlet (68, 69, 610), horizontally arranged in tube banks, preferably flat tube banks, perpendicularly crossed by the fumes (61), - the tubes ascent along the steam generator axis from one tube bank to the other, with an oblique path so to expose the tube to the fume flow (61) in different positions at each tube bank, - the tubes are divided into two or more separate branches (65, 66, 67), each branch fed by a header distinct from the others, - the steam generator being once-through in pure counter-current, vertical or horizontal, - the headers (61, 69, 610) of the outlet super-heated steam are grouped at direct contact in a bundle, and they are thermally insulated from the outside.

No. of Pages : 73 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.818/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : DEVICE AND METHOD FOR HORIZONTAL CASTING OF A METAL BAND

(51) International classification :B22D11/06
(31) Priority Document No :10 2009 030 793.1
(32) Priority Date :27/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/003772
Filing Date :23/06/2010
(87) International Publication No :WO 2010/149351
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MENGEL, CHRISTIAN
3)JEPSEN, OLAF, NORMAN
4)SPITZER, KARL-HEINZ
5)EICHHOLZ, HELLFRIED

(57) Abstract :

The invention relates to a device and a method for horizontal casting of a metal band (4). The device thereby comprises a dispensing vessel (3) for a melt (1) and a cooled conveyor belt (6) disposed downstream of the dispensing vessel (3) in the casting direction running between two deflecting rollers (7 D 7) and on which the metal band (4) can be transported, and wherein the device comprises at least one roller (8, 8 D 8 □ 9, 9 □) that can be engaged with the metal band (4) for profiling. Early and therefore improved influence on the profile of a metal band (4), that is, the leader band (4), is made possible by said embodiment and further preferred embodiments of the device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.770/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : SCANNING COLLIMATION OF LIGHT VIA FLAT PANEL LAMP

(51) International classification :G02F1/13357
(31) Priority Document No :61/235,928
(32) Priority Date :21/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045676
Filing Date :17/08/2010
(87) International Publication No :WO 2011/022342 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)LARGE, TIMOTHY
3)EMERTON, NEIL
4)BATHICHE, STEVEN

(57) Abstract :

Various embodiments are disclosed that relate to scanning the direction of light emitted from optical collimators. For example, one disclosed embodiment provides a system for scanning collimated light, the system comprising an optical wedge, a light injection system, and a controller. The optical wedge comprises a thin end, a thick end opposite the thin end, a viewing surface extending at least partially between the thick end and the thin end, and a back surface opposite the viewing surface. The thick end of the optical wedge further comprises an end reflector comprising a faceted lens structure. The light injection system is configured to inject light into the thin end of the optical wedge, and the controller is configured to control the location along the thin end of the optical wedge at which the light injection system injects light. FIG.1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.774/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : ELECTRON EMITTING BODY AND X RAY EMITTING DEVICE

(51) International classification :H01J1/304
(31) Priority Document No :2009-149991
(32) Priority Date :24/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/001204
Filing Date :23/02/2010
(87) International Publication No :WO 2010/150438
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ISHIGURO, YOSHIHISA
3)HABA, MASANORI

(57) Abstract :

Provided are an electron emitting body having a high electron beam density and an X-ray emitting device embedding the electron emitting body. The electron emitting body has a substrate, the surface of which forms a concave surface, and a carbon film comprising a large number of projections made of carbon and expanded two-dimensionally. The carbon crystal grows such that first a swell portion (22) gradually becomes larger and then a needle-like portion (23) grows from the head of the swell portion (22). The needle like portion (23) has a graphene sheet obliquely wound there around in a multi-layer fashion and has a hollow inside. The axis of a carbon projection (21) thus formed is substantially orthogonal to a line tangent to the concave surface (11), so that the axes of a plurality of the carbon projections (21) intersect with each other at the focal point (F) of the concave surface (11).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.778/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : ADAPTIVE GAIN CONTROL FOR DIGITAL AUDIO SAMPLES IN A MEDIA STREAM

(51) International classification :H03G3/32
(31) Priority Document No :12/507,971
(32) Priority Date :23/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/041680
Filing Date :12/07/2010
(87) International Publication No :WO 2011/011219 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

An adaptive gain control system and related operating method for digital audio samples is provided. The method is suitable for use with a digital media encoding system that transmits encoded media streams to a remotely-located presentation device such as a media player. The method begins by initializing the processing of a media stream. Then, the method adjusts the gain of a first set of digital audio samples in the media stream using a fast gain adaptation scheme, resulting in a first group of gain-adjusted digital audio samples having normalized volume during presentation. The method continues by adjusting the gain of a second set of digital audio samples in the media stream using a steady state gain adaptation scheme that is different than the fast gain adaptation scheme, resulting in a second group of gain-adjusted digital audio samples having normalized volume during presentation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.819/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : BICYCLIC COMPOUND AND USE THEREOF FOR MEDICAL PURPOSES

(51) International classification :C07D313/06
(31) Priority Document No :2009-175246
(32) Priority Date :28/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/062587
Filing Date :27/07/2010
(87) International Publication No :WO 2011/013651
A1
(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)YAMANE, SHINSAKU
4)NAKAYAMA, SATOSHI
5)TANI, KOUSUKE

(57) Abstract :

Since a compound represented by the general formula (I) (wherein definition of each group is as described in the specification), a salt thereof, a solvate thereof, or a prodrug thereof has strong and sustaining intraocular pressure lowering activity and, further, has no side effect on eyes such as ocular stimulating property (hyperemia, corneal clouding etc.), aqueous humor protein rise etc., it has high safety, and can be an excellent agent for preventing and/or treating glaucoma etc.

No. of Pages : 118 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.762/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : BATTERY CHARGING TO EXTEND BATTERY LIFE AND IMPROVE EFFICIENCY

(51) International classification :H02J7/02
(31) Priority Document No :61/227,936
(32) Priority Date :23/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043154
Filing Date :23/07/2010
(87) International Publication No :WO 2011/011755 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)BRIAN MOMEYER

(57) Abstract :

Exemplary charging device includes a processor and charging current for coupling to a battery. In an exemplary embodiment, the processor defines charging profiles for charging the battery at different charge rates. A profile can be selected based on a determinable time event and may be modified based on a charging history. Adjustable charging power is supplied to the battery at a power level, a charging duration, or a combination thereof based on the selected profile. A wireless power transmitter can also define charging profiles and charging histories for receivers that receive power from the transmitter based on an identifier from the receiver. The transmitter can select the charging profile based on a determinable time event and may be modified based on a charging history. The transmitter supplies power through the wireless power link at a power level, a charging duration, or a combination thereof based on the selected profile.

No. of Pages : 44 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.766/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : DISPLAY CONTROL DEVICE, DISPLAY CONTROL METHOD, AND COMPUTER PROGRAM

(51) International classification :G06F3/048
(31) Priority Document No :2009-175482
(32) Priority Date :28/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/058111
Filing Date :13/05/2010
(87) International Publication No :WO 2011/013431
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TATSUSHI NASHIDA

(57) Abstract :

A display control device according to the present invention includes a detection unit for detecting contact of an operating object on a display surface of a display unit, a position calculation unit for calculating a contact position, on the display surface, of the operating object whose contact has been detected by the detection unit, an operation process determination unit for determining, from a plurality of operation processes associated with a motion of the operating object, one operation process to be performed, according to a length of a contact time of continuously contacting the display surface within a first area including a reference contact position which is a contact position of the operating object at a time of the operating object being made to contact the display surface after a state of separation from the display surface, and an operation processing unit for changing display of the display unit by the operation process that is performed, based on a motion of the operating object that is further continuously in contact with the display surface.

Representative Drawing Fig.4

No. of Pages : 47 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.773/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : DENTAL TOOL DISPLACEMENT APPARATUS AND METHOD WITH SLOW ROTATIONAL MOTION

(51) International classification	:A61C1/14
(31) Priority Document No	:61/219,812
(32) Priority Date	:24/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/052584
Filing Date	:10/06/2010
(87) International Publication No	:WO 2010/150125
	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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(57) Abstract :

A dental tool displacement apparatus for use with a motorized power handle 18 displace a dental tool includes a tool holder having a receptacle for receiving the dental tool, and a drive arrangement. The drive arrangement defines a transmission from the motorized power handle to the tool holder such that the tool holder undergoes reciprocating motion parallel to the tool axis at a first frequency of oscillations per minute and rotates about the tool axis at a second frequency of rotations per minute, hi sonic eases, the two types 01' motion are generated by an eccentric drive pin engaging an annular slot which has gear teeth along one side, thereby generating an angular rotation step of the tool holder during each reciprocating stroke. En some eases, the first frequency is at least one order of magnitude greater than the second frequency.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.826/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR ELECTIONS AND GOVERNMENT ACCOUNTABILITY

(51) International classification :G07C13/00
(31) Priority Document No :61/219,954
(32) Priority Date :24/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039804
Filing Date :24/06/2010
(87) International Publication No :WO 2010/151658 A1
(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 a voter to vote using an electoral system (100). The electoral system (100) includes a computing system (101) for accessing a database having first and second data sets. The first data set is correlated to a roster of eligible voters; the second data set is correlated to a voting record that is associated with each of those eligible voters. The method of voting includes the voter providing identifying information, which causes the computing system (101) to verify that the voter is on the roster of eligible voters and eligible to vote in the election. The voter interacts with the computing system (101) to cast a preliminary vote and then commits the preliminary vote. When the preliminary vote is committed, the computing system records an information indicative of the preliminary vote and updates the voting record in the second data set associated with the particular voter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.864/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEMS, DEVICES AND METHODS FOR ASSESSMENT OF BODY CAVITY PRESSURES

(51) International classification :A61B5/02
(31) Priority Document No :61/229,529
(32) Priority Date :29/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043474
Filing Date :28/07/2010
(87) International Publication No :WO 2011/014530 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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(57) Abstract :

Systems, devices and methods that can be used to obtain objective pressure measurements in a body cavity using one or more monitoring bladders mounted on a catheter. The monitoring bladders may be adapted to connect or be connected to a system capable of providing objective pressure measurements indicative of the compressive forces acting on the one or more monitoring bladder in the body cavity. The body cavity may include, for example, the rectum, esophagus, stomach, intestine, colon, reproductive tract, urethra, oronasopharyngeal tract, etc.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.865/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : BIOLOGICAL MATERIAL SUITABLE FOR THE THERAPY OF OSTEOARTHRITIS, LIGAMENT DAMAGE AND FOR THE TREATMENT OF JOINT DISORDERS

(51) International classification :A61L27/20
(31) Priority Document No :MI2009A001171
(32) Priority Date :02/07/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2010/059183
Filing Date :29/06/2010
(87) International Publication No :WO 2011/000820
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)ZANELATO, ANNA MARIA
2)CALLEGARO, LANFRANCO

(57) Abstract :

The present invention regards a biological material comprising: a) a liquid carrier comprising a viscous solution containing at least one natural and/or semisynthetic polysaccharide, and having a Dynamic viscosity measured at 20°C and at shear rate of D=350 s⁻¹.. comprised between 100 and 250 c Poise and/or a Kinematic viscosity comprised between 99 and 24ScSt (measured at the same conditions); b) a culture of mesenchymal stem cells, and/or c) a platelet-rich hemo-derivative. This type of material in form of viscous liquid is particularly suitable for the therapy of osteoarthritis, ligament damage, in particular tendon and cartilage damage) and may be administered intra-articularly, intradermally or directly applied in situ without altering the properties of the mesenchymal stem cells and/or platelets contained therein.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8754/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : POLYCARBONATE RESIN COMPOSITION AND MOLDED ARTICLE THEREOF

(51) International classification	:C08L69/00
(31) Priority Document No	:2009-128988
(32) Priority Date	:28/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059298
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/137729
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)TANABE, SEIICHI

2)KITAMURA, ATSUSHI

(57) Abstract :

This invention seeks to provide a resin composition and a molded article which are excellent in transparency, weatherability, resistance to boiling water and resistance to molding heat, which have an internal strain reduced and which are excellent in breaking durability. This invention is a resin composition comprising (A) 100 parts by weight of a polycarbonate resin (component A), (B) 0.005 to 1 part by weight of an ester (component B) of pentaerythritol and an aliphatic carboxylic acid, (C) 0.003 to 0.2 part by weight of an epoxy compound (component C), (D) 0.01 to 1 part by weight of an ultraviolet absorbent (component D) , and (E) 0.001 to 0.5 part by weight of a phosphorus stabilizer (component E), wherein the components B and the component C have a critical stress of 12 MPa or more each when they are treated at a temperature of 120°C for 24 hours in a one-fourth ellipse test method using a bisphenol A type polycarbonate resin sheet that is produced by a melt-extrusion method and has a viscosity average molecular weight of 24,500, and a molded article thereof.

No. of Pages : 66 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.876/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : A METHOD FOR OBTAINING AN OPENING IN A HOLLOW-BODY MEMBER, AND A HOLLOW-BODY MEMBER PROVIDED WITH ONE OR MORE OPENINGS OBTAINED WITH SAID METHOD

(51) International classification	:B21D51/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IT2009/000364
Filing Date	:05/08/2009
(87) International Publication No	:WO 2011/016065
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)GIUSTI, DINO

(57) Abstract :

The present invention refers to a method for obtaining an opening (8) in a hollow- body member (3) having a longitudinal extension and a cavity (6), and to a hollow- body member (3) provided with one or more openings (8, 9) obtained with the above- mentioned method, which includes the following phases: a. predisposing a holding die (12) including a seat (17) counter shaped with respect with said hollow-body member (3) and an ejection channel (13) having a first end (18) communicating with said seat (17) and a second ejection end (19); b. inserting and positioning the hollow-body member (3) in the seat (17) so that said first end (18) is arranged in correspondence with a wall portion of said hollow-body member (3) on which to obtain an opening (8); c. generating a progressively increasing pressure inside said cavity (6) sufficient to deform said wall portion (16) to a point of detaching it from the hollow- body member (3) to form said opening (8), and expelling the wall portion (16) along the ejection channel (13). FIG.3

No. of Pages : 28 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.827/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : AMPLIFIER MODULE WITH MULTIPLE OPERATING MODES

(51) International classification :H03F1/02
(31) Priority Document No :61/231,248
(32) Priority Date :04/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044461
Filing Date :04/08/2010
(87) International Publication No :WO 2011/017463 A1
(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)NATHAN M. PLETCHER
2)ARISTOTELE HADJICHRISTOS
3)BABAK NEJATI

(57) Abstract :

An amplifier module with multiple operating modes is described. In an exemplary design, the amplifier module includes an amplifier (e.g., a power amplifier), a switch, and an output circuit. The amplifier receives and amplifies an input signal and provides an amplified signal in a first mode. The switch is coupled to the output of the amplifier and bypasses the amplifier and provides a bypass signal in a second mode. The output circuit is coupled to the amplifier and the switch. The output circuit performs output impedance matching for the amplifier in the first mode. The output circuit also (i) receives the amplified signal and provides an output signal in the first mode and (ii) receives the bypass signal and provides the output signal in the second mode. The amplifier is enabled in the first mode and disabled in the second mode.

No. of Pages : 34 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.861/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : THERMALLY INSULATING POLYMER FOAM/AEROGEL COMPOSITE ARTICLES

(51) International classification	:C08J9/36
(31) Priority Document No	:61/229,417
(32) Priority Date	:29/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/042036
Filing Date	:15/07/2010
(87) International Publication No	:WO 2011/016962 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)VO, VAN-CHAU
2)MAURER, MYRON
3)BUNGE, FRIEDHELM
4)MERKEL, HOLGER

(57) Abstract :

Prepare an article of manufacture having an extruded thermoplastic polymer foam defining at least one cavity, the cavity containing aerogel material by providing a polymer foam defining a cavity and placing the aerogel material into the cavity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.866/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : DIHYDROPYRIMIDONE AMIDES AS P2X7 MODULATORS

(51) International classification :C07D239/22

(31) Priority Document No :61/229,818

(32) Priority Date :30/07/2009

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

(86) International Application No :PCT/EP2010/060830
Filing Date :27/07/2010

(87) International Publication No :WO 2011/012592
A1

(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)LOPEZ-TAPIA, FRANCISCO JAVIER

4)WALKER, KEITH, ADRIAN, MURRAY

(57) Abstract :

Compounds of the formula I: or pharmaceutically acceptable salts thereof, wherein m, n, R1, R2, R3, R4, R5, Ra and Rb are as defined herein. Also disclosed are methods of making the compounds and using the compounds for treatment of diseases associated with the P2X7 purinergic receptor.

No. of Pages : 92 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.874/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : ARRANGEMENT OF A STEPPING SWITCH ON A CONTROL TRANSFORMER

(51) International classification	:H01H9/00	(71)Name of Applicant :
(31) Priority Document No	:10 2009 035 699.1	1)MASCHINENFABRIK REINHAUSEN GMBH
(32) Priority Date	:30/07/2009	Address of Applicant :FALKENSTEINSTRASSE 8, D-93059
(33) Name of priority country	:Germany	REGENSBURG Germany
(86) International Application No	:PCT/EP2010/002820	(72)Name of Inventor :
Filing Date	:08/05/2010	1)BRUECKL, OLIVER
(87) International Publication No	:WO 2011/012181	2)DOHNAL, DIETER
	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the arrangement of a stepping switch on a control transformer, wherein either only the mechanical contact system (8) of the stepping switch or also its load changeover switch (7) is or are arranged within the tank (1) of the transformer, under the transformer cover (4) and above the iron yoke (3).

No. of Pages : 9 No. of Claims : 1

(54) Title of the invention : CLOSURE ASSEMBLY FOR AN INJECTION UNIT OF PLASTIC MATERIAL WITH MICROMETRICAL REGULATION OF THE CLOSURE ROD, AND CORRESPONDING DEVICE FOR REGULATING MICROMETRICALLY AND FIXING A THREADED ELEMENT

(51) International classification	:B29C45/28	(71)Name of Applicant :
(31) Priority Document No	:BI2009A000015	1)THERMOPLAY S.P.A.
(32) Priority Date	:02/12/2009	Address of Applicant :VIA CARLO VIOLA, 74, I-11026,
(33) Name of priority country	:Italy	PONT SAINT MARTIN (AO) Italy
(86) International Application No	:PCT/IT2010/000477	(72)Name of Inventor :
Filing Date	:01/12/2010	1)ENRIETTI, PIERO
(87) International Publication No	:WO 2011/067800	2)ENRIETTI, ROBERTO (HEIR)
	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Closure assembly (10), for an injection unit (11) of plastic material (MP), comprising: a closing rod (16); a driving piston (15) adapted to drive an axial movement (fl) of the closing rod (16) between an open position (P1), in which the closing rod (16) opens an injection hole (13') of a mould (13), and a closed position (P2), in which the closing rod (16) closes the injection hole (13'); an adjustment element or nut (20, 21), provided of a fine-pitch threading (21 a), that is adapted to be screwed or unscrewed in one sense or the other (f2) in a corresponding threaded portion (22b) of an internal seat (22), formed in the driving piston (15), in order to regulate axially, in a micrometric way, the closing rod (16) in the closed position (P2); and an elastic washer (30, 31) that is provided for cooperating with a plurality of projections and notches (23a, 23b), formed in such internal seat (22, 22a), in order to fix the adjustment element (21) with respect to the body (1 5a) of the driving piston (15), once the closing rod (16) has been exactly regulated in the desired closed position (P2). Advantageously the adjustment element (21) is entirely housed in the internal seat (22) formed in the driving piston (15), whereby it does not protrude from the body (15a) of the latter.

No. of Pages : 25 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.863/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : ON-LOAD TAP CHANGER WITH ENERGY STORAGE MECHANISM

(51) International classification :H01H3/30
(31) Priority Document No :10 2009 034 627.9
(32) Priority Date :24/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/002429
Filing Date :21/04/2010
(87) International Publication No :WO 2011/009503
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)HOEPEL, KLAUS
2)WILHELM, GREGOR

(57) Abstract :

The invention relates to an on-load tap changer having an energy storage device, by means of which an output shaft is rotatable in spurts. According to the invention, in addition to the actual energy storage spring or the actual energy storage springs, at least one further spring is provided, which absorbs/releases energy after the activation of the energy storage mechanism, whereby the torque curve can be optimized.

No. of Pages : 11 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.869/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : AMPLIFIER WITH VARIABLE MATCHING CIRCUIT TO IMPROVE LINEARITY

(51) International classification	:H03F1/56
(31) Priority Document No	:61/234,223
(32) Priority Date	:14/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045652
Filing Date	:16/08/2010
(87) International Publication No	:WO 2011/020112 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)YU ZHAO

(57) Abstract :

Techniques for reducing distortion and improving linearity of amplifiers are described. In an exemplary design, an apparatus includes a driver amplifier, a variable matching circuit, and a power amplifier. The driver amplifier amplifies a first RF signal and provides a second RF signal. The variable matching circuit receives the second RF signal and provides a third RF signal. The power amplifier amplifies the third RF signal and provides a fourth RF signal. The variable matching circuit matches a fixed impedance at the output of the driver amplifier to a variable impedance at the input of the power amplifier in order to improve the linearity of the amplifiers. In an exemplary design, the power amplifier includes a first transistor (e.g., an NMOS transistor) of a first type, and the variable matching circuit includes a second transistor (e.g., a PMOS transistor) of a second type that is different from the first type.

No. of Pages : 27 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.880/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : ENHANCED IMMUNITY FROM ELECTROSTATIC DISCHARGE

(51) International classification	:H03K19/003
(31) Priority Document No	:12/512,441
(32) Priority Date	:30/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030330
Filing Date	:08/04/2010
(87) International Publication No	:WO 2011/014276 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)KARP, JAMES

(57) Abstract :

Enhanced electrostatic discharge ("ESD") protection for an integrated circuit (950) is described. An embodiment relates generally to a circuit (950) for protection against ESD. The circuit (950) has an input/output node (401) and a driver (991, 992, 993, 994). The driver has a first transistor (991, 992) and a second transistor (992, 991). A first source/drain node of the first transistor (991, 992) is coupled to the input/output node (401). A second source/drain node of the first transistor (991, 992) forms a first interior node (465, 466) capable of accumulating charge when electrically floating. A first current flow control circuit (901, 902) is coupled to a discharge node (430, 431) and the second source/drain node of the first transistor (991, 992). The first current flow control circuit (901, 902) is electrically oriented in a bias direction for allowing accumulated charge to discharge from the first interior node (465, 466) via the first current flow control circuit (901, 902) to the discharge node (430,431).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8871/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : DOSE SETTING MECHANISM FOR A DRUG DELIVERY DEVICE

(51) International classification :A61M5/315

(31) Priority Document No :61/182,822

(32) Priority Date :01/06/2009

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

(86) International Application No :PCT/EP2010/057495
Filing Date :28/05/2010

(87) International Publication No :WO 2010/139645
A1

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)PLUMPTRE, DAVID

(57) Abstract :

The invention relates to a dose setting mechanism (4), which is operable to be coupled to a medication cartridge (25) and which comprises means that prevent the user from setting a dose greater than the remaining medication in the cartridge (25). The dose setting mechanism comprises a shaft (30). A helical groove (32) having a first pitch is provided along a first portion (32) of the shaft (30). The dose setting mechanism (4) further comprises a nut member (40) disposed on the helical groove (32) of said shaft (30). During dose setting, the shaft (30) is rotated relative to the nut member (40) while the nut member (40) traverses along the groove (32) from a distal end (38) of the shaft (30) towards a proximal end (39) of the shaft (30). The mechanism further comprises means preventing a user of said dose setting mechanism (4) from setting a dose of said medication that is greater than said remaining medication in said cartridge (25), said means comprising a second pitch provided along a second portion (36) of said shaft (30), wherein said first pitch is different from said second pitch, wherein said second pitch is preferably greater than said first pitch. (Fig. 11)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8890/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : A HOT NOZZLE FOR LATERAL SPRAYING

(51) International classification	:B29C45/27
(31) Priority Document No	:20 2009 004 786.5
(32) Priority Date	:06/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055651
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/127965
	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)BRAUN, PETER

(57) Abstract :

The invention relates to a hot nozzle for the lateral spraying of plastic components, said hot nozzle comprising a preferably multiple-part nozzle body (1, 2, 3) having at least one tip inset (5) respectively comprising at least one tip element (6) provided with one tip section (6b) that projects outwardly over the peripheral surface of the nozzle body in a moulding plate (14). At least the tip sections (6b) of the tip elements (6) are penetrated by shut-off needles (18, 41) that can be moved back and forth by means of a drive between a position wherein they close a feed borehole (23) in the moulding plate (14), and a position wherein they open up said borehole.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8891/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : DOUBLE-SIDED CUTTING INSERT HAVING A CIRCULAR SHAPE AND CUTTING TOOL USING THE SAME

(51) International classification	:B23C5/22
(31) Priority Document No	:10-2009-0043754
(32) Priority Date	:19/05/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/002353
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/134700 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)PARK, CHANG GYU

2)LEE, JAE WOOK

3)JUNG, KANG SOOL

(57) Abstract :

The cutting insert of the present invention comprises a circular top surface, a bottom surface shaped to be identical to the top surface, a cylindrical side surface for connecting the top and bottom surfaces, and cutting edges formed between the top and side surfaces. The side surface of the cutting insert has a plurality of rotation prevention surfaces substantially perpendicular to the top and bottom surfaces in the circumferential direction of the side surface

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8892/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : RESETTABLE DRUG DELIVERY DEVICE

(51) International classification	:A61M5/24
(31) Priority Document No	:61/182,831
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/057471
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/139632
	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)JONES, CHRISTOPHER

(57) Abstract :

A resettable dosing mechanism comprises a dose button (66, 102) and a dial grip (52, 104) operatively coupled to the dose button (66,102). A spindle (64) acts on a bung of a cartridge (25) and a driver (55) is operatively coupled between the dose button (66, 102) and the spindle (64). During an injection of the dose, the dose button (66, 102) moves in an axial direction to cause the spindle (64) to administer the dose. During resetting of the dose setting mechanism, the spindle (64) is retracted back into the dose setting mechanism. An advantageous resetting mechanism is described.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8894/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : PUNCH DILATOR

(51) International classification	:A61M16/04
(31) Priority Document No	:12/475,754
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051884
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/140068
	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)GRIFFITH, NATHAN, C.

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3)CHAN, SAM, C.

4)SCHUMACHER, JAMES, F.

(57) Abstract :

There is provided a device for performing an initial piercing and dilating of a patient's trachea. The device has a needle within and extending beyond a sheath which in turn is within and extends beyond an introducer dilator. After the needle is used to pierce the trachea, it may be removed and a guide wire (J-wire) inserted through the introducer dilator and sheath in its place. The sheath is slidable within the introducer dilator once the needle is removed. The introducer dilator is then moved forward, into the site of the initial piercing to expand it. As the introducer dilator is moved forward, the sheath may remain stationary, sliding within the introducer dilator and thus reducing trauma to the stoma site.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8897/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : RECOGNIZABLE CARRIER FOR OPTICAL MEASURING METHODS

(51) International classification	:B01J19/00
(31) Priority Document No	:10 2009 019 476.2
(32) Priority Date	:04/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002728
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/127834
	A1
(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)JOHANNES LANDGRAF

2)GUNTHER PROLL

3)FLORIAN PROLL

(57) Abstract :

The invention relates to a recognizable carrier for determining physical, chemical or biochemical interactions by means of optical measuring methods. The carrier comprises a surface that defines a substrate surface and that has a base layer coated with reactive elements, which are bonded to receptor molecules, wherein the base layer and/or the reactive elements are provided with a pattern of holes which forms a code and/or the reactive elements are provided with linker molecules or markers which form a code. The substrate surface may additionally have a macroscopically planar pattern which is applied using laser light or chemical etching and forms a code. The invention likewise relates to a method for producing a recognizable carrier for spectroscopic processes and/or intensimetric tests to determine said interactions. The code to recognize the carrier can be controlled via a read-out unit coupled to the photometric analysis unit. Such a carrier can be used to analyze biomolecules during security checks, access controls or in-vitro diagnostics.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.858/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : WIRING SUBSTRATE AND MANUFACTURING METHOD FOR WIRING SUBSTRATE

(51) International classification :H05K1/02
(31) Priority Document No :2009-174506
(32) Priority Date :27/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/062638
Filing Date :27/07/2010
(87) International Publication No :WO 2011/013673
A1
(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)SHIMADU, HITOSHI
2)KONDOU, KAZUNORI
3)SAWADA, TAKEHIKO
4)HAYAKAWA, TAKAHIRO
5)ASAI, TOMOAKI
6)YAMAUCHI, RYOU

(57) Abstract :

Disclosed is a wiring substrate that is provided with a wiring pattern formed from a metal plate, and an insulation layer as a base material to which the wiring pattern is to be fixed. The wiring pattern has a mounting pad for having electronic parts (11) surface-mounted. Electronic parts are mounted onto the surface of the wiring pattern, by pouring solder into the mounting pad of the wiring pattern.

No. of Pages : 66 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.867/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHODS AND ARRANGEMENTS RELATING TO EDGE MACHINING OF BUILDING PANELS

(51) International classification	:B27F1/06
(31) Priority Document No	:0901053-9
(32) Priority Date	:31/07/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050795
Filing Date	:08/07/2010
(87) International Publication No	:WO 2011/014112
	A1
(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)PERVAN, DARKO
2)WINGARDH, PETER

(57) Abstract :

The present invention relates to a tool configuration 91 for producing an improved locking system of a floor panel 1' and a method incorporating such tool configuration. The tool configuration 91x, 91y, is a non-rotating tool configuration profiling certain surfaces of the joint edge of the floor panel, resulting in that the tolerances can be kept on a low level.

No. of Pages : 54 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.882/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : VEHICLE ELECTRIC EQUIPMENT MOUNTING STRUCTURE

(51) International classification :B60R16/02
(31) Priority Document No :2009-174243
(32) Priority Date :27/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/062559
Filing Date :26/07/2010
(87) International Publication No :WO 2011/013634
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)OGIHARA, YASUSHI
2)TAKEDOMI, HARUMI

(57) Abstract :

In a vehicle having rear seats which can be swung up, a vehicle electric equipment mounting structure is provided which can ensure a sufficient space at a rear part of the vehicle which allows passengers to walk there through while arranging vehicle driving electric motor-related electric equipment at the rear part of the vehicle. Third row seats 5 which can be swung up towards side walls 9a are provided at a rear part of a vehicle 1. Electric equipment such as a battery unit 21, an inverter unit 22 and a DC-DC converter unit 23 is accommodated within a downwardly depressed portion 11 in a floor panel 2 underneath a rear lid board 34 on which the third row seats 5, taking a seating posture, are positioned.

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8925/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : ASSEMBLY FOR A DRUG DELIVERY DEVICE AND DRUG DELIVERY DEVICE

(51) International classification :A61M5/315
(31) Priority Document No :09007297.6
(32) Priority Date :02/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/057633
Filing Date :01/06/2010
(87) International Publication No :WO 2010/139691
A1
(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)STREHL, MICHAEL
2)LEUSCHNER, UDO
3)BESENHARDT, NORBERT

(57) Abstract :

An assembly for a drug delivery device (1) is proposed, comprising a housing (13) having a proximal end and a distal end, a dose member (23) which is displaceable in the proximal direction with respect to the housing for setting of a dose of a drug, a clutch member (28) which is displaced in the proximal direction with respect to the housing when setting the dose, and a stop member (30) configured to define a clutch stop position for the proximal displacement of the clutch member with respect to the housing, with the clutch member, when in the clutch stop position, being prevented from further displacement in the proximal direction with respect to the housing, wherein the clutch member and the dose member are configured to mechanically cooperate with one another when the clutch member is in the clutch stop position, thereby preventing further displacement of the dose member in the proximal direction with respect to the housing during setting of the dose. Furthermore, a drug delivery device (1) is proposed. Significant Figure: Fig. 9

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.893/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : ENTROPY POOLS FOR VIRTUAL MACHINES

(51) International classification	:G06F9/44
(31) Priority Document No	:12/546,167
(32) Priority Date	:24/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045474
Filing Date	:13/08/2010
(87) International Publication No	:WO 2011/028391 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)ELLISON, CARL M.
2)FIELD, SCOTT A.
3)BAKER, BRANDON S.

(57) Abstract :

In the host operating system of a computing device, entropy data is collected based at least in part on each of one or more hardware components of the computing device. An entropy pool is updated based at least in part on the collected entropy data, and data from the entropy pool is provided to a guest operating system running as a virtual machine of the computing device. The guest operating system maintains a guest operating system entropy pool based on the data from the entropy pool provided by the host operating system. The guest operating system accesses the guest operating system entropy pool and uses the guest operating system entropy pool as a basis for generating values including random numbers. Fig.1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.89/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : THERAPEUTIC PAD HAVING A DATA STORAGE TAG

(51) International classification	:A61F7/00
(31) Priority Document No	:09164542.4
(32) Priority Date	:03/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/059372
Filing Date	:01/07/2010
(87) International Publication No	:WO 2011/000916
	A1
(61) Patent of Addition to 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 therapeutic pad for attachment to the human or animal body. The pad comprises means for storing data. Further, a therapeutic system is provided. The system comprises a therapeutic pads as discussed above and a hydraulic device. The hydraulic device has a tube adapted to connect the hydraulic device to the pad.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8901/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : CRYSTALLINE PHASES OF 2'-{[2-4-METHOXY-PHENYL)-ACETYLAMINO]-METHYL}-BIPHENYL-2-CARBOXYLIC ACID (2-PYRIDIN-3-YL-ETHYL)-AMIDE

(51) International classification	:C07D213/16
(31) Priority Document No	:09007330.5
(32) Priority Date	:03/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057273
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/139585
	A3
(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)NAGEL, NORBERT

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(57) Abstract :

Crystalline phases of 2'-{[2-(4-methoxy-phenyl)-acetylamino]-methyl}-biphenyl-2- carboxylic acid (2-pyridin-3-yl-ethyl)-amide The present invention relates to polymorphic forms and solvates of 2'-{[2-(4-methoxy- phenyl)-acetylamino]-methyl}-biphenyl-2- carboxylic acid (2-pyridin-3-yl-ethyl)-amide, processes for their preparation and their use, in particular for the preparation of medicaments.

No. of Pages : 58 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8902/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : RELAXIN PEPTIDE SYNTHESIS (FORMERLY PEPTIDE SYNTHESIS)

(51) International classification	:A61K38/22
(31) Priority Document No	:20090100310
(32) Priority Date	:01/06/2009
(33) Name of priority country	:Greece
(86) International Application No	:PCT/IB2010/001477
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/140060
	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)BARLOS, KLEOMENIS, K.

(57) Abstract :

A process for producing an insulin type peptide, for example a relaxin, involving oxidizing a methionine residue on a B-chain having cysteine residues and combining the B chain with an A chain having cysteine residues to form a peptide having intermolecular disulphide links and biological activity. Novel synthetic relaxin 1 and methionine oxidized relaxins and Met(O) B-chains having enhanced solubility are disclosed.

No. of Pages : 72 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8955/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : PESTICIDE COMPOSITIONS INCLUDING POLYMERIC ADJUVANTS

(51) International classification	:A01N25/10
(31) Priority Document No	:12/534481
(32) Priority Date	:03/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037117
Filing Date	:02/06/2010
(87) International Publication No	:WO 2011/016898 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)SANDERS, JOHN, LARRY

(57) Abstract :

Pesticidal compositions of improved effectiveness are provided, including a pesticide (e.g., an insecticide or herbicide) together with a copolymer adjuvant or additive selected from the group consisting of acid or salt copolymers containing individual quantities of maleic and itaconic moieties. The compositions of the invention provide multiple-fold increases in effectiveness, as compared with an equal amount of the pesticide in the absence of the copolymer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8956/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METAL-COATED POLYMER ARTICLE OF HIGH DURABILITY AND VACUUM AND/OR PRESSURE INTEGRITY

(51) International classification :C23C16/06
(31) Priority Document No :12/476,485
(32) Priority Date :02/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/000812
Filing Date :28/05/2010
(87) International Publication No :WO 2010/139052 A1
(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)PANAGIOTOPOULOS, KONSTANTINOS

7)PASQUANTONIO, MARY

8)KRATOCHWIL, JOHN

9)KATUGAHA, HERATH

(57) Abstract :

Metal-coated polymer articles containing structural substantially porosity- free, fine-grained and/or amorphous metallic coatings/layers optionally containing solid particulates dispersed therein on polymer substrates, are disclosed. The substantially porosity-free metallic coatings/layers/patches are applied to polymer or polymer composite substrates to provide, enhance or restore vacuum/pressure integrity and fluid sealing functions. Due to the excellent adhesion between the metallic coating and the polymer article satisfactory thermal cycling performance is achieved. The invention can also be employed as a repair/refurbishment technique. The fine-grained and/or amorphous metallic coatings are particularly suited for strong and lightweight articles, precision molds, sporting goods, aerospace and automotive parts and other components exposed to thermal cycling and stress created by erosion and impact damage.

No. of Pages : 66 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8957/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : STEEL FOR MACHINE STRUCTURAL USE

(51) International classification	:C22C38/00
(31) Priority Document No	:2009-136657
(32) Priority Date	:05/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059287
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/140596
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
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3)SHIMAMOTO, MASAKI

4)NAGAHAMA, MUTSUHISA

(57) Abstract :

Provided is a steel for machine structural use which has excellent machinability (particularly, with respect to tool life) for both intermittent cutting with a high-speed steel tool and continuous cutting with a cemented carbide tool while maintaining strength properties required of the steel for machine structural use. Specifically, the steel for machine structural use contains C: 0.05-0.9 mass%, Si: 0.03-2 mass%, Mn: 0.2-1.8 mass%, P: 0.03 mass% or less, S: 0.03 mass% or less, Al: 0.1-0.5 mass%, N: 0.002-0.017 mass%, and O: 0.003 mass% or less, and contains one or more selected from a group consisting of Ti: 0.05 mass% or less (excluding 0 mass%) and B: 0.008 mass% or less (excluding 0 mass%), with the remainder being iron and unavoidable impurities, and satisfies all of the following inequalities (1)-(3) below: (1) : $[N]-0.3[Ti]-1.4[B] \geq 0$.

No. of Pages : 22 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8940/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : MEDICATED MODULE WITH NEEDLE GUARD

(51) International classification :A61M5/28
(31) Priority Document No :61/183457
(32) Priority Date :02/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/057583
Filing Date :01/06/2010
(87) International Publication No :WO 2010/139675
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
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3)DE SAUSMAREZ LINTELL, DANIEL, THOMAS
4)BOYD, MALCOLM, STANLEY
5)REKAYA, NACEUR
6)BILTON, SIMON, LEWIS
7)CROSS, JOHN, DAVID

(57) Abstract :

A medicated module (10) comprising a connecting body (24) configured for attachment to a drug delivery device (12). A first needle (40) is fixed within the connecting body (24) and an outer body (52) operatively coupled to the connecting body (24). A needle guard (90) operatively coupled to the outer body (52) and a biasing member positioned between the outer body (52) and needle guard (90). A second needle fixed (80) within the outer body (52) and a recess (37) within the connecting body (24) defines a reservoir (36). The reservoir (36) contains at least one dose of a medicament and is configured for fluid communication with the first (40) and second needle (80).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8941/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : OPTICAL RECEPTION MODULE AND METHOD OF MANUFACTURING OPTICAL RECEPTION MODULE

(51) International classification	:G02B6/42
(31) Priority Document No	:PCT/JP2009/002434
(32) Priority Date	:01/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/003203
Filing Date	:09/07/2009
(87) International Publication No	:WO 2010/140196
	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)KATAYAMA, MASATOSHI

(57) Abstract :

At the time of assembly of an optical transmission/reception module, a test variable wavelength light source 22 for outputting a test light signal is connected to a connector 8 of an optical fiber 7, and a large-diameter PD 23 measures a transmission loss in a light wavelength band limiting filter 12 while a rotational position determining unit 24 rotates a fiber ferrule 5, so that the rotational position determining unit 24 determines the rotational position $\theta_{loss-min}$ of the fiber ferrule 5 which minimizes the transmission loss in the light wavelength band limiting filter 12, and aligns the fiber ferrule 5 at the rotational position $\theta_{loss-min}$.

No. of Pages : 71 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.895/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : INJECTION MOLDING OF PART HAVING NONUNIFORM THICKNESS

(51) International classification	:B29C45/33
(31) Priority Document No	:12/548,147
(32) Priority Date	:26/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046397
Filing Date	:24/08/2010
(87) International Publication No	:WO 2011/028493 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 :

Injection molding of a part having a nonuniform thickness is provided. One disclosed embodiment of an injection molding device includes one or more side walls, a first mold surface intersecting the side walls and being stationary with respect to the side walls, and a second mold surface intersecting the side walls so as to define with the side walls and the first mold surface a cavity configured to receive a metered amount of injected molten thermoplastic material. The second mold surface is moveable toward the first mold surface in such a manner that a first end of the second mold surface moves a larger physical travel distance toward the first mold surface than does a second end of the second mold surface during a molding process. FIG.1

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8953/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : ALPHA HELIX MIMETICS AND METHODS RELATING THERETO

(51) International classification :C07D401/14

(31) Priority Document No :61/176,348

(32) Priority Date :07/05/2009

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

(86) International Application No :PCT/JP2010/058141

Filing Date :07/05/2010

(87) International Publication No :WO 2010/128685
A1

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)ODAGAMI, TAKENAO

2)KOGAMI, YUJI

3)KOUJI, HIROYUKI

(57) Abstract :

Alpha-helix mimetic structures and compounds represented by the formula (I) wherein the general formula and the definition of each symbol are as defined in the specification, a chemical library relating thereto, and methods relating thereto, are disclosed.

.App.lications.-of these compounds in the treatment of medical conditions, e.g., cancer diseases, fibrotic diseases, and pharmaceutical compositions comprising the mimetics are further disclosed.

No. of Pages : 221 No. of Claims : 13

(54) Title of the invention : METHOD AND ARRANGEMENT TO DETERMINE THE CELL CAPACITOR VOLTAGE OF A CELL OF A MULTI-CELL POWER CONVERTER

(51) International classification :H02M7/49
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/EP2009/055524
 Filing Date :07/05/2009
 (87) International Publication No :WO 2010/127699
 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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(57) Abstract :

An arrangement to determine a cell capacitor voltage value (U_{dc}) of a cell (10") of a multi-cell power converter comprises the cell (10") and a control unit (28). The cell (10") itself comprises four power electronic valves (1-4) interconnected as a full-bridge converter having a first and a second phase leg, where each phase leg comprises a series-connection of two (1, 3; 2,4) of the four power electronic valves and where the connection point (6; 7) between the two power electronic valves of each phase leg is externally connectable, a cell capacitor (5) being connected in parallel to the first and the second phase legs, and four gate units (16-19), each being connected to a corresponding one of the power electronic valves (1-4) as well as to the control unit (28). Each of the four gate units (16-19) comprises a voltage measurement unit (24- 27) adapted to take a continuous voltage measurement across the corresponding power electronic valve, and each of the four gate units (16-19) is adapted to transmit its continuous voltage measurement. The control unit (28) is adapted to receive from each of the four gate units (16-19) its continuous voltage measurement and to determine the cell capacitor voltage value (U_{dc}) based on at least one of these voltage measurements Fig. 4

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8958/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : HIGH MELT STRENGTH POLYESTER FOR FOAM APPLICATIONS

(51) International classification	:C08L67/03
(31) Priority Document No	:61/184,429
(32) Priority Date	:05/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037255
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/141717 A4
(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)MEHTA, SANJAY

2)FLORES, RODOLFO, AGUSTIN

(57) Abstract :

The present invention relates to a branched polyethylene terephthalate-co-isophthalate for use in the manufacture of foamed articles. The branched polyethylene terephthalate-co-isophthalate can be characterized by a composition comprising i) a polyethylene terephthalate-co-isophthalate comprising from about 5 to about 15 weight % of an isophthalic acid, and ii) a branching agent comonomer, wherein the branching agent comonomer is a polyhydric alcohol having functionality of 3 or more and the polyhydric alcohol is present in an amount of from 0.005 to about 0.01 equivalents per mole of total diacids. Other embodiments of the present invention include foamed articles produced from these compositions and processes to produce these compositions and the foamed articles.

No. of Pages : 14 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8959/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : RECOMBINANT PRODUCTION OF PEPTIDES

(51) International classification :A61K38/16

(31) Priority Document No :09161837.1

(32) Priority Date :03/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/057726

Filing Date :02/06/2010

(87) International Publication No :WO 2010/139736

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)HUMMERICH, DANIEL

2)LIEBMANN, BURGHARD

3)FEHR, MARKUS

4)SCHWALB, CARSTEN

5)BRUSER, HEIKE

(57) Abstract :

The present invention relates to repetitive self-assembling precursor proteins, nucleic acid sequences and expression constructs encoding the same, and to methods for recombinant production of peptides using such precursor proteins.

No. of Pages : 98 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8961/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD OF MANUFACTURING ABSORBENT ARTICLE AND ABSORBENT ARTICLE

(51) International classification :A61F13/15
(31) Priority Document No :2009-125896
(32) Priority Date :25/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/058699
Filing Date :24/05/2010
(87) International Publication No :WO 2010/137539
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)OKU, TOMOMI
2)SAKAGUCHI, SATORU
3)OGASAWARA, YOSHIKAZU
4)ITO,NORIAKI

(57) Abstract :

An absorptive article manufacturing method manufactures an absorptive article (1) while conveying a continuous body (120) of a rear surface sheet with the conveyance direction (MD) of the continuous body (120) aligned with the longitudinal direction of the absorptive article (1). The absorptive article manufacturing method comprises: a step of pressing the continuous body (120) of a rear surface sheet in the thickness direction (1â€™™) of the continuous body (120) by means of an embossing roll mechanism (520), a step of expanding, by means of an expanding roll mechanism (600), the continuous body (120) of a rear surface sheet toward the outside of the continuous body (120) in the width direction (CD) thereof until the continuous body (120) is flat, and a step of joining an absorbing body (30) to the continuous body (120) of a rear surface sheet. FIG

No. of Pages : 28 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8964/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : STORAGE DEVICE TEMPERATURE SENSING

(51) International classification	:G11B20/18
(31) Priority Document No	:12/503687
(32) Priority Date	:15/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US
Filing Date	2010/042122
	:15/07/2010
	:WO
(87) International Publication No	2011/008943
	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)MERROW, BRIAN, S.

2)AKERS, LARRY, W.

(57) Abstract :

A test slot assembly is provided for testing a storage device. The test slot assembly is configured to receive and support a storage device, or a storage device supported by a storage device transporter. The test slot assembly also includes a temperature sensing assembly. The temperature sensing assembly is arranged to measure a temperature of a storage device by way of physical contact. The test slot assembly also includes a clamping mechanism operatively associated with the housing. The clamping mechanism is operable to move the temperature sensing assembly into contact with a storage device.

No. of Pages : 101 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8966/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : CONTROL FOR A SLIDING TABLE SAW

(51) International classification	:B27B5/065
(31) Priority Document No	:09 006 670.5
(32) Priority Date	:18/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056834
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/133606
	A1
(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)ALTENDORF, WILFRIED

(57) Abstract :

The invention relates to a control device for a sliding table saw, comprising: a graphical display unit for displaying operating data to a user, an interface for inputting workpiece dimensions, a control computer in signal communication with the graphical display unit and the interface, for controlling operating data of the sliding table saw. The invention is characterised in that the control computer is configured to calculate, from the workpiece dimensions received from the interface, in which position and/or orientation the workpiece must be placed on a support surface of sliding table saw, and to transmit data which characterise said position or orientation to the graphical display, and that the graphical display unit is configured to display said position or orientation. (Fig- 2)

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.891/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : ENZYMATIC ANTIBODY PROCESSING

(51) International classification :C07K16/00

(31) Priority Document No :09166845.9

(32) Priority Date :30/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/004622
Filing Date :28/07/2010

(87) International Publication No :WO 2011/012297
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)HABERGER, MARKUS

2)JUNG, CHRISTINE

3)REUSCH, DIETMAR

(57) Abstract :

The current invention comprises a method for producing an immunoglobulin or immunoglobulin fragment with defined glycostructure comprising the following steps: a) providing an affinity chromatography column eluate containing the immunoglobulin or immunoglobulin fragment, b) incubating the affinity chromatography column eluate with (α1,3)galactosidase of plant origin, e.g. from green coffee beans (EC 3.2.1.22), c) applying the incubated affinity chromatography column eluate to a protein A chromatography material and recovering the immunoglobulin or immunoglobulin fragment from the protein A chromatography material and thereby producing an immunoglobulin or immunoglobulin fragment with defined glycostructure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.892/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : PROCESSING OF LIGNOCELLULOSIC AND RELATED MATERIALS

(51) International classification :B27N1/00
(31) Priority Document No :578113
(32) Priority Date :01/07/2009
(33) Name of priority country :New Zealand
(86) International Application No :PCT/IB2010/052655
Filing Date :15/06/2010
(87) International Publication No :WO 2011/001315
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)COLES, GRAEME DOUGLAS

(57) Abstract :

A method for processing lignocellulosic precursors that includes the following steps: A. provide a suitably sized lignocellulosic precursor with less than 11% moisture content; B. pack a hydro thermal processing vessel with lignocellulosic precursor, such that the density of lignocellulosic precursor in the hydrothermal processing vessel is between 1 and 3 times the free flow density; C. subject the lignocellulosic precursor in the hydrothermal processing vessel to steam below 100 bar for up to 10 minutes; E. explosively decompress to ambient pressure; and then dry the resultant lignocellulosic product to below about 15% moisture content.

No. of Pages : 23 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8923/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : ANODICALLY ASSISTED CHEMICAL ETCHING OF CONDUCTIVE POLYMERS AND POLYMER COMPOSITES

(51) International classification :C25F3/02
(31) Priority Document No :12/476506
(32) Priority Date :02/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/000811
Filing Date :28/05/2010
(87) International Publication No :WO 2010/139051 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PANAGIOTOPOULOS, KONSTANTINOS
3)KATUGAHA, HERATH
4)TOMANTSCHGER, KLAUS

(57) Abstract :

A novel activation/etch method is disclosed for conductive polymer substrates and conductive polymer composite substrates to achieve good adhesion to subsequently applied coatings. The method in a preferred case involves anodically polarizing conductive polymers/polymer composites in aqueous etching solutions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8924/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : CATALYST FOR ASYMMETRIC HYDROGENATION

(51) International classification :B01J31/28
(31) Priority Document No :2009-134161
(32) Priority Date :03/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059387
Filing Date :02/06/2010
(87) International Publication No :WO 2010/140636
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)MAEDA, HIRONORI
2)HORI, YOJI

(57) Abstract :

This invention aims at providing a catalyst for producing an optically active aldehyde or an optically active ketone, which is an optically active carbonyl compound, by carrying out selective asymmetric hydrogenation of an α , β unsaturated carbonyl compound, particularly a catalyst which is insoluble in a reaction mixture for obtaining optically active citronellal which is useful as a flavor or fragrance, by carrying out selective asymmetric hydrogenation of citral, geranial or neral; and a method for producing a corresponding optically active carbonyl compound. The invention relates to a catalyst for asymmetric hydrogenation of an α , β -unsaturated carbonyl compound, which comprises a powder of at least one metal selected from metals belonging to Group 8 to Group 10 of the Periodic Table, or a metal-supported substance in which at least one metal selected from metals belonging to Group 8 to Group 10 of the Periodic Table is supported on a support, an optically active cyclic nitrogen-containing compound and an acid.

No. of Pages : 95 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.897/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : IN-VEHICLE ELECTRONIC COMPONENT DISPOSING CONSTRUCTION FOR ELECTRONIC COMPONENT FOR ELECTRIC MOTOR FOR DRIVING VEHICLE

(51) International classification	:B60K1/04
(31) Priority Document No	:2009-175737
(32) Priority Date	:28/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062728
Filing Date	:28/07/2010
(87) International Publication No	:WO 2011/013717
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)TAKEDOMI, HARUMI

(57) Abstract :

There is provided an in-vehicle electronic component disposing construction for fixing an electronic component strongly and rigidly to a vehicle body while ensuring a sufficient space within a passenger compartment and realizing a reduction in weight of the construction. An electronic component box 20 containing electronic components and disposed between a driver's seat 5a and a front passenger's seat 5b is supported by a floor panel 11 of a vehicle and a steering system hanger beam 31 to which a steering system 37 is fixed.

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8932/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : WORKING APPARATUS HAVING POSITION CORRECTION FUNCTION

(51) International classification	:B23B29/034
(31) Priority Document No	:2009-162209
(32) Priority Date	:17/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058256
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/146953
	A1
(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 :

Tool holder 20 configuring machine tool 10 comprises base section 22 fixed to spindle 16, tool mount section 26 on which a tool, boring bar 24 for example, can be mounted, elastic deformation section 28 connecting the said base section 22 with the said tool mount section, working-shaft member 30 that can move in the radial direction crossing the direction of rotation of the said spindle 16 against the said tool holder 20, conversion mechanism 32 for converting the traveling motion of the said working-shaft member 30 into the inclined motion of the said tool mount section 26 against the axial direction, and traveling mechanism 34 for moving the said working-shaft member 30 in the said radial direction. Figure 1

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8937/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : INKJET INK COMPOSITIONS COMPRISING MODIFIED PIGMENTS

(51) International classification	:C09D11/00
(31) Priority Document No	:12/455,597
(32) Priority Date	:04/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001593
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/141071 A1
(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 an inkjet ink composition comprising a liquid vehicle and a modified pigment which comprises the reaction product of a non-modified pigment and at least one reagent having the formula H₂N-A-Y. The modified pigments themselves, as well as methods for preparing them, are also described.

No. of Pages : 35 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8939/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : MEDICATED MODULE FOR A DRUG DELIVERY DEVICE

(51) International classification :A61M5/24
(31) Priority Document No :61/183455
(32) Priority Date :02/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/057578
Filing Date :01/06/2010
(87) International Publication No :WO 2010/139670
A1
(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)WIMPENNY, STEVEN

5)REKAYA, NACEUR

6)BILTON, SIMON, LEWIS

7)CROSS, JOHN, DAVID

8)MOORE, DAVID

9)JAY, GRAHAM

10)MACARTHUR, ROSS DOUGLAS LAURIE

11)HEALD, MICHAEL JAMES DAVID

12)SMITH, CHRISTOPHER JAMES

(57) Abstract :

A medicated module (4) for an injection system to co-deliver at least two medicaments (1, 2) is disclosed where a primary delivery device (7) containing a primary medicament (1) accepts a medicated module (4) containing a single dose of a secondary medicament (2) and where both medicaments (1, 2) are delivered through a single hollow needle (3, 16, 21,31). .

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8981/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : DELIVERY OF TWO OR MORE MEDICAMENTS THROUGH A SINGLE DOSE SELECTION AND SINGLE DISPENSE INTERFACE

(51) International classification :A61M5/19
(31) Priority Document No :61/183464
(32) Priority Date :02/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/057574
Filing Date :01/06/2010
(87) International Publication No :WO 2010/139668
A1
(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)SMITH, CHRISTOPHER JAMES
6)ORTIZ, ELLIOT LUCAS
7)PLUMPTRE, DAVID AUBREY

(57) Abstract :

A injection system for co-delivery of two medicaments (1, 2) having a drug delivery device (10) containing a primary reservoir containing a first medicament (1) and that has a secondary reservoir containing a second medicament (2) where the drug delivery device (10) has only one dose setter (12) for the primary reservoir and that automatically determines the dose of the second medicament (2). Both medicaments (1, 2) are delivered through a single dispense interface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8982/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : INDICATOR SYSTEM FOR MONITORING A STERILIZATION PROCESS

(51) International classification	:G01N31/22
(31) Priority Document No	:09159800.3
(32) Priority Date	:08/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056065
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/128063
	A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)RAIMANN, THOMAS

(57) Abstract :

The present invention relates to a device for monitoring integral value of time, temperature comprising at least one layer of polymer comprising a latent pigment capable of undergoing at least one colour change, and an organic acid; or comprising one layer of polymer comprising a latent pigment capable of undergoing at least one colour change, and one layer of polymer comprising an organic acid, wherein said latent pigment is converted to its pigmentary form which causes said colour change. The device can be used for monitoring sterilization of medical and kitchen supplies, canned foods and doneness of microwave foods.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8983/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : MEDICATED MODULE WITH BYPASS AND NEEDLE GUARD

(51) International classification :A61M5/28
(31) Priority Document No :61/183,461
(32) Priority Date :02/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/057580
Filing Date :01/06/2010
(87) International Publication No :WO 2010/139672
A1
(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)BOYD, MALCOLM, STANLEY
5)REKAYA, NACEUR
6)BILTON, SIMON, LEWIS
7)CROSS, JOHN, DAVID

(57) Abstract :

A medicated module (10) attachable to a drug delivery device (12) comprises a connecting body (24) configured for attachment to the drug delivery device (12). A first needle (40) is fixed within the connecting body (24) and a movable needle hub (72) is operativeiy coupled to the connecting body (24). A needle guard (90) is operativeiy coupled to the connecting body (24) and a biasing member (70) is positioned between the connecting body (24) and needle guard (90). A second needle (80) is fixed within the needle hub (72). A first cavity (34) within the connecting body (24) defines a reservoir (36) containing at least one dose of a medicament. The reservoir (36) configured for fluid communication with the first (40) and the second needle (80). The reservoir (36) comprises a bypass configured to allow medicament from the drug delivery device (12) to bypass the reservoir (36) and exit the second needle (80).

No. of Pages : 45 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8984/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : POLYSTER FILM, LAMINATE FILM, AND SOLAR BATTERY BACKSHEET EMPLOYING AND SOLAR BATTERY THAT USE THE FILM

(51) International classification	:C08J5/18
(31) Priority Document No	:2009-135832
(32) Priority Date	:05/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059322
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/140611
	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)SHIMAZU, AYAKO

3)SHIOMI, ATSUSHI

4)TAKAHASHI, KOZO

(57) Abstract :

The invention is to provide a polyester film excellent in moist heat resistance and other characteristics (ultraviolet ray resistance, light reflecting characteristic, etc.), and to provide a solar battery backsheet excellent in moist heat resistance and ultraviolet ray resistance by using the polyester film. It is also a task to provide a highly durable solar battery by using the solar battery backsheet. The polyester film is a polyester film containing particles and two kinds of crystalline polyester resins in which a sea-island structure is formed, and being characterized in that if a crystallization temperature of a crystalline polyester resin that forms a continuous phase (also referred to as matrix phase) (hereinafter, referred to as crystalline polyester resin A) is represented by TccA and a crystallization temperature of a crystalline polyester resin that forms a dispersion phase (also referred to as domain phase) (hereinafter, referred to as crystalline polyester resin B) is represented by TccB, an expression (1) below is satisfied, and that a degree of flatness of the dispersion phase is 3 or more, and that 70% or more of a total number of the particles are present in the dispersion phase or are in contact with the dispersion phase. $TccA - TccB > 5^{\circ}C$...Expression (1)

No. of Pages : 108 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8985/CHENP/2011 A

(43) Publication Date : 29/03/2013

(54) Title of the invention : MEDICATED MODULE WITH INTEGRAL FLOW DISTRIBUTION SYSTEM

(51) International classification :A61M5/20
(31) Priority Document No :61/183456
(32) Priority Date :02/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/057586
Filing Date :01/06/2010
(87) International Publication No :WO 2010/139676
A1
(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)BILTON, SIMON, LEWIS
7)CROSS, JOHN, DAVID

(57) Abstract :

A medicated module (4) for an injection system to co-deliver at least two medicaments (1, 2) is disclosed where a primary delivery device (7) containing a primary medicament (1) accepts a medicated module (4) containing a single dose of a secondary medicament (2) contained within a capsule (31) having an integral flow distributor/distribution system (23) and where both medicaments (1, 2) are delivered through a single hollow needle (3).

No. of Pages : 35 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8986/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : MOUNTING OF A WORM IN A STEERING GEAR

(51) International classification :B62D5/04
(31) Priority Document No :10 2009 002 940.0
(32) Priority Date :08/05/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/054291
Filing Date :31/03/2010
(87) International Publication No :WO 2010/127915
A1
(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)SCHANZEL, RAINER

(57) Abstract :

The invention relates to a bearing system for a worm (S) engaging with a worm wheel (SR) as part of a steering gear, wherein the bearing system comprises at least one bearing (FL) with an outer ring (1), an inner ring (2), and rolling bodies (4) that are movably accommodated between the outer and inner rings, the bearing (FL) being pivotally arranged in a bearing seat (6) for accommodating the outer ring (1) of the bearing (FL), and wherein the inner ring (2) accommodates one of the two shaft ends of the worm (S) in order to seat said shaft end (WS) of the worm (S) radially in the housing (G) of the steering gear. For an improved dampening of the worm (S) at least one spring element (FE1), which exerts a spring force on a region (IB) of the outer ring (1) of the bearing (FL), is provided at the bearing (FL), said spring force supporting a pivotal motion (V) of the worm (S) toward the worm wheel (SR).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8987/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : A PIECE OF FURNITURE

(51) International classification	:A47B46/00
(31) Priority Document No	:20 2009 004 801.2
(32) Priority Date	:11/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055570
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/130565
	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)SCHUBERT, MICHAEL

(57) Abstract :

The invention relates to an item of furniture (1), in particular for offices or kitchens, comprising a front piece (2, 2', 2'', 2''') which is displaceably arranged in the body of the item of furniture, said front piece (2, 2', 2'', 2''') being operatively connected to at least two horizontal guide rails (7, 7'', 7''') which are parallel to each other and perpendicular to the front surface (5) of the item of furniture (1). Said front piece (2, 2', 2'', 2''') can be displaced towards the inside of the body of the item of furniture from a position which is parallel and flush to the front surface (5) of the item of furniture (1).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8978/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : INFLUENZA A AND B REPLICATION-INHIBITING PEPTIDES

(51) International classification :C07K14/11
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2009/055632
Filing Date :08/05/2009
(87) International Publication No :WO 2010/127712
A1
(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)WUNDERLICH, KERSTIN
4)RANADHEERA, CHARLENE
5)SCHWEMMLE, MARTIN

(57) Abstract :

A synthesized or isolated influenza virus replication-inhibiting peptide that competitively inhibits protein-protein interaction of the PA and PB 1 of both influenza Virus Types A and B and novel in vitro binding screen to identify peptides with antiviral activity against influenza viruses of both type A and B is disclosed. In addition to the well-known pandemic influenza A viruses (such as the 1918 "Spanish" flu or H5N 1), both type A and B viruses contribute greatly to the annual recurring epidemics that cause the vast majority of human cases and medical cost. Surprisingly, it was found that the novel virus replication-inhibiting, are able to inhibit protein-protein interaction of the PA and PB 1 subunits of the heterotrimeric viral RNA polymerase complex of both influenza virus types A and B. The viral polymerase sub- unit interaction domain turned out as an effective target for the new antivirals, as correct assembly of the three viral polymerase subunits PB 1, PB2 and PA is required for viral RNA synthesis and infectivity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8979/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SUSTAINED RELEASE DOSAGE FORM

(51) International classification :A61K9/32

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2009/072099

Filing Date :02/06/2009

(87) International Publication No :WO 2010/139111 A1

(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)SCHMITT, ROBERT, L.

4)ZHU, CHUNLIU

5)CHAN, ALAN, KA CHUN

(57) Abstract :

An osmotic dosage form which comprising: (a) a core comprising a biologically active ingredient; (b) a semi-permeable membrane covering said core; and (c) at least one passageway through the semi-permeable membrane, wherein the semipermeable membrane comprises ethyl cellulose, an acrylic or methacrylic polymer and a water-soluble plasticizer with the proviso that the semi-permeable membrane comprises no or not more than 15 weight percent of a water-soluble material excluding any water-soluble plasticizer, based on the total dry weight of the semi-permeable membrane.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.898/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : POLARIZATION DEVICE AND IMPLANTATION DEVICE

(51) International classification :A61N1/05
(31) Priority Document No :10 2009 031 134.3
(32) Priority Date :30/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/003954
Filing Date :30/06/2010
(87) International Publication No :WO 2011/000556
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)KRAUS, WERNER

(57) Abstract :

The invention relates to a device (10) for polarizing at least two spatially separated, at least partially electrically conductive implants (12, 14, 16, 18), comprising a coil (20), which has a first pole (22) and a second pole (24), a first contact device (26) associated with the first pole (22) for electrically contacting a first implant (12), a second contact device (28) associated with the second pole (24) for electrically contacting a second implant (14, 16, 18), wherein the coil (20) can be an-anged directly or indirectly on or in the first implant (12) and canied by said first implant and - wherein the second contact device (28) comprises a flexible electrical line (30), which allows the second implant (14, 16, 18) to be contacted so that the coil (20) can be an-anged in a spatially separated manner from the second implant (14,16,18). Figure 1

No. of Pages : 23 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8980/CHENP/2011 A

(43) Publication Date : 29/03/2013

(54) Title of the invention : MEDICATED MODULE WITH USER SELECTION

(51) International classification :A61M5/28
(31) Priority Document No :61/183,459
(32) Priority Date :02/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/057579
Filing Date :01/06/2010
(87) International Publication No :WO 2010/139671
A1
(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)BILTON, SIMON, LEWIS
7)CROSS, JOHN, DAVID

(57) Abstract :

A medicated module (4) for an injection system to co-deliver at least two medicaments is disclosed where a primary delivery device containing a primary medicament accepts a medicated module (4) containing a single dose of a secondary medicament (2) and where both medicaments are delivered through a single hollow needle (5). The medicated module (4) is user selectable so that it will deliver both the primary (1) and secondary medicaments (2), or only the primary medicament (1). The module (4) also contains a guard (42) that locks after dose delivery.

No. of Pages : 35 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8988/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SPEED LIMITER IN AN ELEVATOR SYSTEM

(51) International classification :B66B5/04
(31) Priority Document No :09161962.7
(32) Priority Date :04/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/057573
Filing Date :01/06/2010
(87) International Publication No :WO 2010/139667
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)IMFELDE, MARCEL
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(57) Abstract :

The invention relates to a speed limiter (17) for an elevator system (100), wherein the speed limiter (17) comprises at least one speed limiter wheel (18a) having a first radial cam (48a) with elevations (40a-40h), and having at least one second, phase-shifted radial cam (48b) with elevations (40a X-40h X); a first mass (26a), which is rotatably arranged in a first pivot bearing (62a) and which together with a first roller (28a) rolls on the first radial cam (48a) such that the first mass (26a) follows a first oscillating motion when the speed limiter wheel (18a) rotates; and at least one second mass (26b), which is rotatably arranged in a second pivot bearing (62b) and which together with a second roller (28b) rolls on the second radial cam (48b) such that the second mass (26b) follows a second oscillating motion when the speed limiter wheel (18) rotates.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.899/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : APPARATUS FOR REMOTELY CONTROLLING A MATERIALS HANDLING VEHICLE

(51) International classification :G05D1/00
(31) Priority Document No :61/222,632
(32) Priority Date :02/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/069839
Filing Date :30/12/2009
(87) International Publication No :WO 2011/002478 A4
(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 finger-mounted remote control device (170) capable of wirelessly transmitting a travel request signal to a materials handling vehicle. The finger-mounted remote control device includes a rigid mounting structure adapted to be mounted over at least one finger of an operator's hand; a mounting strap coupled to said rigid mounting structure for securing said rigid mounting structure to the at least one finger; a wireless transmitter/power pack unit coupled to said rigid mounting structure; and control structure coupled to said mounting structure and comprising a switch (184b) adapted to be actuated by an operator's thumb so as to cause said wireless transmitter/power pack unit to generate a travel request signal to the materials handling vehicle, apparatus for remotely controlling a materials handling vehicle.

No. of Pages : 55 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8993/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : USES OF IMMUNOCONJUGATES TARGETING CD138

(51) International classification :A61K47/48
(31) Priority Document No :61/176069
(32) Priority Date :06/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/056124
Filing Date :05/05/2010
(87) International Publication No :WO 2010/128087
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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(57) Abstract :

Disclosed are methods and treatment regimes that include the administration of immunconjugates targeting CD138 to combat diseases. The immunoconjugate is either used as the sole active ingredient, as part of a treatment regime or as part of an anticancer combination.

No. of Pages : 186 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8994/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : COMMUNICATION CABLE WITH IMPROVED ELECTRICAL CHARACTERISTICS

(51) International classification :H01B11/10
(31) Priority Document No :61/175,968
(32) Priority Date :06/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/033739
Filing Date :05/05/2010
(87) International Publication No :WO 2010/129680 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)HOFFMAISTER, HECTOR, J.

(57) Abstract :

A communication cable is provided with a plurality of twisted pairs of conductors and a matrix tape having conductive segments separated by gaps. The dimensions of the conductive segments are selected to reduce the undesirable coupling of signals between adjacent cables. An insulating layer may be provided between the twisted pairs of conductors and the matrix tape. In some embodiments, the insulating layer is an embossed or perforated film. The use of an embossed or perforated film decreases the dielectric constant of the insulating layer.

No. of Pages : 70 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8995/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : THERMAL POWER BOILER

(51) International classification	:F23L15/02
(31) Priority Document No	:20095519
(32) Priority Date	:08/05/2009
(33) Name of priority country	:Finland
(86) International Application No	:PCT/JFI2010/050371
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/128213 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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(57) Abstract :

Thermal power boiler (10), comprising a furnace (12) having a rear wall (16), a flue gas channel (14) connected to the furnace, said flue gas channel comprising a back pass (20) arranged on the rear wall side of the furnace, and a pre-heater (22, 22') for combustion air provided with an inlet channel (26, 26') for flue gas, the upper portion of the inlet channel for flue gas being connected to the lower portion of the back pass, and a flow channel (24, 24') for combustion air arranged adjacent to said inlet channel for flue gas for leading preheated combustion air to the furnace, and in which the inlet channel for flue gas comprises two adjacent channel portions (28, 28') which are connected to opposite sides of the back pass.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8967/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD FOR CALIBRATING SURFACES OF STONE MATERIAL

(51) International classification :B24B7/22
(31) Priority Document No :EP09425212
(32) Priority Date :29/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2009/009098
Filing Date :10/12/2009
(87) International Publication No :WO 2010/136057
A1
(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)BONATO,LUCA

(57) Abstract :

A method and a plant are described for calibrating surfaces of stone materials, suitable for working at least one slab (1) composed of an entry side and an exit side and of two parallel side edges; the slab (1) is pushed along the side edges through a conveyor belt and is subjected to the cutting action imparted by multiple tools equipped with a peripheral speed compatible with optimum cutting parameters for the stone material; the tools move along a predefined path along the surface of the slab (I), and motion imparted by the conveyor belt and the predefined tool path is combined in order to completely cover the surface of the slab (1); the contact between the slab (1) and the tools is ensured simultaneously at least in one point on each of the two side edges of the slab (1). FIG.4

No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8968/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR CONFIGURING CRUDE OIL DISPLACEMENT SYSTEM

(51) International classification :E21B43/20
(31) Priority Document No :09251481.9
(32) Priority Date :03/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/GB2010/001038
Filing Date :26/05/2010
(87) International Publication No :WO 2010/139932 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)IAN RALPH COLLINS

2)STEPHANIE JANE HOUSTON

3)KEVIN JOHN WEBB

(57) Abstract :

A computer-implemented method for determining one or more operating modes for a crude oil placement system is provided. The crude oil displacement system is arranged to inject an aqueous displacement fluid into one or more reservoirs, each reservoir comprising a porous and permeable rock formation, wherein crude oil and formation water are contained within a pore space of the rock formation. The crude oil displacement system is for use in displacing crude oil from the pore space of the rock formation. The computer-implemented method comprises the steps of receiving measurement data associated with one or more chemical characteristics of the displacement fluid and one or more chemical characteristics of the rock formation, the crude oil and the formation water of the one or more reservoirs, and inputting the measurement data and data representing a predetermined volume of oil into a computer-implemented predictive model. The predictive model is operated so as to generate predicted data indicative of a predicted additional amount of oil, compared to the predetermined volume of oil, that will be displaced by configuring the crude oil displacement system so as to inject the displacement fluid having the chemical characteristics into the one or more reservoirs. On the basis of the predicted data, the one or more operating modes of the crude oil displacement system are determined. A further computer-implemented method employing the predictive model in which predicted data indicative of one or more predicted chemical characteristics of the displacement fluid are generated is also provided. Additionally, a system for configuring a crude oil displacement system is provided.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9009/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SHADE DEVICE

(51) International classification	:B60J3/00
(31) Priority Document No	:2009-153371
(32) Priority Date	:29/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060879
Filing Date	:25/06/2010
(87) International Publication No	:WO 2011/001915
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)OJIMA SHINYA
2)TANAKURA MASATAKA

(57) Abstract :

Included are a windup device, a shade attached to the windup device so as to be drawn therefrom and housed therein, a stay attached to a drawing-side edge of the shade, a pair of runners respectively connected to both ends of the stay via first connecting parts, and a pair of guide rails respectively supporting the pair of runners in a movable manner. The first connecting part connects the stay and each of the runners so as to rotate relative to each other in such a manner that each of the guide rails is folded in a direction to approach the windup device.

No. of Pages : 48 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9010/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : FRICTION BRAKE

(51) International classification	:F16D65/14
(31) Priority Document No	:A 785/2009
(32) Priority Date	:19/05/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/EP2010/056327
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/133463
	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)PUTZ, MICHAEL
2)AUER, DANIEL

(57) Abstract :

In order to be able to ensure the high forces required during braking, without any necessary self-energization, in a friction brake, while maintaining a very compact design, by way of an actuating drive having low actuating energy in a very short time and with very low friction, and in order to nevertheless be able to occasionally allow, if necessary, self-energization as a useful effect, according to the invention a. holding part (13), against which the friction lining (5) rests, and an actuating part (20) are provided on a pressure device (10), wherein the actuating part (20) is rotatably mounted on part of the moveable brake part, and an actuating means (14) is hinged at the actuating part (20) for pivoting the actuating part (20), and wherein in the holding part (13) a pin (25) is rotatably mounted and the pin (25) is disposed on the actuating part (20), wherein the rotational axis (27) of the pin (25) is disposed eccentrically to the rotational axis (24) of the actuating part (20). Alternatively, a cam (31) can be provided at the actuating part (20) and a stop can be provided at the holding part (13), wherein the stop interacts with the cam (31) in order to prevent the holding part (13) from being entrained by the resulting entrainment forces. (57) Zusammenfassung: [Fortsetzung aufder nachsten Seite

No. of Pages : 31 No. of Claims : 27

(54) Title of the invention : DEVICE FOR COLLECTING THE SOLID DEBRIS PRESENT IN THE BATH AND THE LIQUID METAL OF AN ELECTROLYSIS CELL INTENDED FOR ALUMINIUM PRODUCTION, BY SCRAPING THE BOTTOM OF SAID CELL

(51) International classification	:C25C3/06
(31) Priority Document No	:0902252
(32) Priority Date	:11/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000360
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/130892
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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RONCHIN France

(72)Name of Inventor :

1)DAVID, STEPHANE**2)WATTEL, ARNAUD**

(57) Abstract :

Collection unit (100), in particular a crust shovel (100') designed to clean the anode holes, including a mobile vertical mast (9") actuated by a first actuator (50), a frame (110) fixed onto said mobile vertical mast and at least one articulated bucket (120a, 120b), characterized in that said first actuator (50) is at least one hydraulic jack (51) fed by an hydraulic system arranged so that, at least when a second actuator actuates said bucket, the oil pressure in the chamber on the rod side (53) is maintained at a substantially constant value making it possible to support a load corresponding to the weight of said collection unit, less a load of predetermined value, preferably lower than 1000 daN, and typically ranging between 200 and 600 daN. Advantageously, the portion of circuit (63) feeding said chamber on the rod side is provided with a pressure regulator (70). With such a device, the debris may be collected by scraping the bottom of the pot without damaging it. Figure 6

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9023/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : A PIECE OF FURNITURE COVERED WITH A FLEXIBLE SCREEN

(51) International classification :H01L27/32
(31) Priority Document No :10 2009 020 627.2
(32) Priority Date :09/05/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/056282
Filing Date :07/05/2010
(87) International Publication No :WO 2010/130658
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)SCHUBERT, MICHAEL
2)MUTERTHIES, RALF
3)SCHRUBKE, LARS

(57) Abstract :

A piece of furniture, in particular a cabinet or composed of several cabinets, and which preferably has insert elements (17), which can be retracted and extended by means of electromotive drives, is to be designed such that the elements for controlling the electromotive drives, the light sources and also the elements containing the information are not perceived as interfering. Thus, surfaces of the piece of furniture are equipped with at least one functional coating (10), which has planar design and acts as a decor display layer (15) and/or as an information display layer (14) and/or as a touch-sensitive element.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9025/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD SYSTEM AND APPARATUS FOR SEARCHING AN ELECTRONIC DOCUMENT COLLECTION

(51) International classification	:G06F17/30
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/043174
Filing Date	:07/05/2009
(87) International Publication No	:WO 2010/128967 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)RESNICK, JASON, DAVID
2)LACASSE, RANDY W.

(57) Abstract :

A method, system, and article are provided for efficiently and effectively searing an electronic document collection. Each of the documents in the collection is pre-divided into sub-sections. One or more profiles are created, with each profile including a selection of one or more of the sections of the documents in the collection. In addition, a weight is assigned to each of the selected sections in the profile. Based upon the parameters of a query and selection of a profile, select sub-sections of each document are employed in a comparison of query data to the underlying document collection. A compilation of documents is created based upon all documents with data matching the query data within the sections of the document as identified in the submitted profile.

No. of Pages : 35 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9026/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : MACHINE FOR THE EXPRESS PREPARATION OF FINISHED FOODS SUCH AS PASTA AND THE LIKE

(51) International classification	:A47J27/18
(31) Priority Document No	:MO2009A000118
(32) Priority Date	:06/05/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/000778
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/128368
	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)FEDELI, BENEDETTO

(57) Abstract :

The machine (1) for the express preparation of finished foods, such as pasta and the like, comprises a wrapping (2) inside which are housed at least a first receptacle (3) for cooking the pasta and at least a second receptacle (4) for preparing the dressing sauce of the pasta, and comprises transfer means (5) for transferring the cooked pasta from the first receptacle (3) to the second receptacle (4), the mixing of the cooked pasta with the sauce being performed directly in the second receptacle (4).

No. of Pages : 38 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.90/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : SEMI-FINISHED PRODUCT FOR PRODUCING AN INNER SOLE OR INSOLE AND INNER SOLE OR INSOLE PRODUCED THEREFROM

(51) International classification	:A43B17/14
(31) Priority Document No	:885/09
(32) Priority Date	:09/06/2009
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/CH2009/000335
Filing Date	:19/10/2009
(87) International Publication No	:WO 2010/142047 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)MAFAG-REFLEXA AG
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KLOTEN Switzerland
(72)**Name of Inventor :**
1)EVERZ VAZ, SAMANTHA

(57) Abstract :

In order to increase the efficiency of insoles or shoe inserts, it is proposed to start from a semi-finished product (100) having a foam material layer which has a plurality of integrally formed raised sections on the upper side. According to the invention, the raised sections (12 0) or at least one of the raised sections should comprise one central raised section and a raised section completely or partially surrounding said central raised section, thus forming a plurality of massage edges. The probability of stimulating the desired reflex zone is hereby increased. (Figure 1)

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.900/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : BUMPER ATTACHMENT STRUCTURE

(51) International classification :B60R19/24

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2009/063396
Filing Date :28/07/2009

(87) International Publication No :WO 2011/013195
A1

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)INOUE, MASATOSHI

(57) Abstract :

The present invention provides a bumper attachment structure capable of preventing a bumper from being detached from a vehicle body during vehicle running, and detaching the bumper from the vehicle body when necessary. The attachment structure includes: a fixation portion 11 to be fixed to the vehicle body; an outer surface 15 to be located adjacent to an inner surface of a bumper 30; and an upper surface having an engagement claw 20A, wherein the engagement claw 20A is formed so that a claw portion 25 protrudes obliquely upward toward the vehicle body from a tip of an elastic piece 24 extended toward the bumper 30, wherein the bumper 30 includes: a cover portion 31 for covering a given region of the vehicle body; a flange portion 32 extended rearward from an upper side of the cover portion 31; and an attachment hole 33A formed in the flange portion 32, and wherein, when the engagement claw 20 A is engaged with the attachment hole 33 A, an engagement surface 25a of the claw portion 25 of the engagement claw 20A abuts against an engagement surface 35 of an inner peripheral surface of the attachment hole 33A at a position located away from an inner corner portion C thereof.

No. of Pages : 26 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9040/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : FLUORINATED POLYMERIC MICROPARTICLES AND USES THEREOF AS FLUID REDUCING ADDITIVES

(51) International classification	:C09K8/03
(31) Priority Document No	:0909621.5
(32) Priority Date	:05/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/US2010/037012
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/141541 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)OPSTAL, TOM
2)DAMS, RUDOLF, J.
3)VAN CAMPENHOUT, RUDY, W.
4)D'HAESE, FRANCOIS, C.

(57) Abstract :

Fluorinated microparticles, processes for preparing them and uses thereof as additives for fluid loss control of drilling fluids and methods of fluid loss control of drilling fluid loss with fluorinated microparticles and uses of fluoropolymers as fluid loss control agents.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9041/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : FUNGICIDAL COMPOSITION

(51) International classification :A01N57/10
(31) Priority Document No :61/184,983
(32) Priority Date :08/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/036002
Filing Date :25/05/2010
(87) International Publication No :WO 2010/144243 A1
(61) Patent of Addition to 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, NAOKI
2)SEITZ, MICHAEL E.

(57) Abstract :

A fungicidal composition comprising tolclofos-methyl, polyoxyethylene polyarylphenol phosphate, polyoxyethylene polyoxypropylene block copolymer, polyoxyethylene fatty alcohol ether and water has good stability of the formulation at high temperature.

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

(54) Title of the invention : PROCESS FOR THE PURIFICATION OF POLYOL PFPE DERIVATIVES

(51) International classification :C08G65/30
 (31) Priority Document No :09160386.0
 (32) Priority Date :15/05/2009
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2010/056177
 Filing Date :06/05/2010
 (87) International Publication No :WO 2010/130625
 A1
 (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)VEZZULLI, GRAZIANO GIUSEPPE**2)GAVEZOTTI, PIERO****3)MUTTA, FABRIZIO****4)TONELLI, CLAUDIO ADOLFO PIETRO**

(57) Abstract :

The invention pertains to a process for the purification of a polyol (per)fluoropolyether derivative [polyol (P)], said polyol (P) comprising one or more hydroxyl (per)fluoropolyether derivatives [PFPE (OH)] comprising at least one (per)fluoropolyoxyalkylene chain (chain R1) and at least one end-group having formula -CF₂CH₂OCH₂CH(OH)CH₂OCH₂CH(OH)CH₂OH (t3), from a mixture of hydroxyl (per)fluoropolyether derivatives [mixture (M)], said mixture (M) comprising said polyol (P) and at least one hydroxyl (per)fluoropolyether derivative [PFPE (OH)] different from polyol (P) and comprising at least one (per)fluoropolyoxyalkylene chain (chain RF) and at least one end-group selected from those having formulae -CF₂CH₂OH (t1) and -CF₂CH₂OCH₂CH(OH)CH₂OH (t2), said process comprising the following steps: step 1: reacting the mixture (M) with a ketone and/or an aldehyde so as to yield corresponding mixture of cyclic ketal/acetal (per)fluoropolyether derivatives [PFPEs (OH)p] [protected mixture (P)]; step 2: molecular distillation of the protected mixture (P) so as to isolate a protected product heavy residue [product (Pr)]; step 3: hydrolyzing the product (Pr) so as to yield a deprotected product [product (Pd)]; step 4: distillation under reduced pressure of the product (Pa) so as to obtain polyol (P).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9012/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : DEVICE AND METHOD FOR PROTECTING THE ROCK DRILLING MACHINE FROM CORROSION

(51) International classification	:B25F5/02
(31) Priority Document No	:0900899-6
(32) Priority Date	:01/07/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050699
Filing Date	:18/06/2010
(87) International Publication No	:WO 2011/002399
	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)ROBERT, JORGEN
2)ANDERSSON, KURT

(57) Abstract :

The present invention relates to an arrangement intended to be part of a rock drilling machine for percussive drilling, a joint in a hammer rock drill and a method to protect a rock drilling machine from corrosion, where the arrangement comprises a casing part with at least one plane end plane (3). The end plane consists of at least a first (4) and a second (8) region, where the first region (4) comprises at least a part of the outer contour (5) of the end plane (3) and consists of a material that resists corrosion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9084/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : LEVER TYPE ELECTRICAL CONNECTOR

(51) International classification	:H01R13/629
(31) Priority Document No	:2009-140422
(32) Priority Date	:11/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060322
Filing Date	:11/06/2010
(87) International Publication No	:WO 2010/143750
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)OHMURA, TAKENORI

(57) Abstract :

A lever type electrical connector has a case. A connector terminal is provided in the case so as to be slidable in a first direction, and is operable to engage with a mating connector terminal by being moved in the first direction. A handle is connected with the connector terminal. A first lever is pivotably attached to the case, and is connected to the handle. The first lever is operable to be moved so as to move the handle in the first direction. A first lock arm is pivotably attached to the case. A first end of the first lock arm is operable to be come in contact with the mating connector terminal. A second end of the first lock arm opposite to the first end is operable to be disengaged from the handle when the first end is urged from the mating connector terminal. The second end is operable to be engaged with the handle so as to prevent the handle from moving in the first direction when the first end is not urged from the mating connector terminal.

No. of Pages : 45 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9086/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD SYSTEM AND APPARATUS FOR TARGETTED SEARCHING OF MULTI SECTIONAL DOCUMENTS WITHIN AN ELECTRONIC DOCUMENT COLLECTION

(51) International classification :G06F7/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2009/043371
Filing Date :08/05/2009
(87) International Publication No :WO 2010/128974 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)RESNICK, JASON, DAVID
2)LACASSE, RANDY W.

(57) Abstract :

A method, system, and article are provided for efficiently and effectively searching an electronic document collection. Each of the documents in the collection is pre-divided into sub-sections, and a static document vector is created for one or a combination of each sub-section of each document. A dynamic document vector is created for a query string submitted to the document collection. Based upon the parameters of the query, select sub-sections of each document are employed in a comparison of the dynamic document vector with select static document vectors. A compilation of IP documents is created based upon all associated select static document vectors that fall within a range of the dynamic document vector.

No. of Pages : 38 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9087/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : GLASSWARE FORMING MACHINE BAFFLE ARM ASSEMBLY

(51) International classification	:C03B9/16
(31) Priority Document No	:12/463,788
(32) Priority Date	:11/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031860
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/132183 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SHUE, LARRY, N.

(57) Abstract :

A glassware forming machine baffle arm assembly (100) that includes a quick-connect/disconnect arrangement mounting a baffle manifold on a baffle arm. The assembly includes a baffle arm (102) having an aperture, and a baffle manifold (101) having a segment (105) extending through said aperture and permitting rotation of said baffle manifold with respect to said baffle arm. The arrangement also includes a threadless nut (210 or 310), and a bayonet connection between said threadless nut and said baffle manifold segment.

No. of Pages : 32 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9088/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : WIND POWER PLANT CONTROLLER FOR AVOIDING COMMON CAUSE SHUTDOWN

(51) International classification :F03D7/04
(31) Priority Document No :PA 2009 01327
(32) Priority Date :15/12/2009
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2010/050332
Filing Date :07/12/2010
(87) International Publication No :WO 2011/072689 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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Denmark
(72)Name of Inventor :
1)DALSGAARD, SOREN

(57) Abstract :

A wind power plant comprising a plurality of wind turbines, the power plant controller connected to at least a first and a second of the plurality of wind turbines; the power plant controller comprising means for detecting a shut down of the first wind turbine in response to current wind conditions; the power plant controller further comprising means to control the second wind turbine such that an operating parameter of the second wind turbine is modified in response to a detection of a shutdown of the first wind turbine in response to current wind conditions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9030/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : AUTOMATED PID CONTROLLER DESIGN

(51) International classification :G05B13/04
(31) Priority Document No :61/184,615
(32) Priority Date :05/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/000940
Filing Date :30/03/2010
(87) International Publication No :WO 2010/141046 A1
(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 :

Embodiments provide techniques, computer-readable media, and devices for allowing users to perform interactive design of controllers, such as PID controllers, in a free-form modeling environment. Users can tune controllers using characteristics familiar to typical users rather than having to specify gain values for the controller, which may be difficult for a user to relate to the performance of a controller.

No. of Pages : 62 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9031/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SOLID FORMS AND PROCESS FOR PREPARING

(51) International classification :A61K31/535

(31) Priority Document No :61/177,483

(32) Priority Date :12/05/2009

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

(86) International Application No :PCT/US2010/034382

Filing Date :11/05/2010

(87) International Publication No :WO 2010/132445 A1

(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)CLARK, ROBIN

2)FRY, DOUG

(57) Abstract :

The present invention provides amorphous solid forms of the compound of Formula I, as well as methods for preparing the compound of Formula I by precipitation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9032/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : FILM COATINGS CONTAINING FINE PARTICLE SIZE DETACKIFIERS AND SUBSTRATES COATED THEREWITH

(51) International classification	:A61K9/28
(31) Priority Document No	:61/177,380
(32) Priority Date	:12/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032749
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/132205 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)FARRELL, THOMAS, P.
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3)FRIEND, BARRY
4)GULIAN, SCOTT

(57) Abstract :

The present invention is directed to film coating compositions for use on oral dosage forms such as compressed tablets and other orally-ingestible substrates which contain a fine particle size detackifier. The film coating compositions can be applied either directly to a substrate or after the substrate has been coated with a subcoat. In preferred aspects, the polymer is either polyvinyl alcohol or a copolymer of polyvinyl alcohol. Aqueous suspensions comprising the inventive film coating compositions, methods of applying the coatings to substrates and the coated substrates themselves are also disclosed.

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9033/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : REACTOR FOR EXOTHERMIC OR ENDOTHERMIC CATALYTIC REACTIONS

(51) International classification :B01J8/06
(31) Priority Document No :MI2009A 000826
(32) Priority Date :13/05/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2010/002871
Filing Date :10/05/2010
(87) International Publication No :WO 2010/130399
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)ZENNARO, ROBERTO

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4)GROPPI, GIANPIERO

5)LIETTI, LUCA

6)TRONCONI, ENRICO

7)VISCONTI, CARLO, GIORGIO

8)ROSSINI, STEFANO

9)MIGNONE, ELSA

(57) Abstract :

Reactor for Fischer-Tropsch reaction which is carried out in a three-phase system essentially consisting of a reacting gaseous phase, a reacted liquid phase and a solid catalytic phase, wherein the solid catalytic phase consists of packed or structured bodies of catalytic material encaged within at least one honeycomb monolithic structure with a high thermal conductivity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9036/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : WIND TURBINE GENERATOR

(51) International classification	:F03D11/00
(31) Priority Document No	:2009-285537
(32) Priority Date	:16/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/071219
Filing Date	:29/11/2010
(87) International Publication No	:WO 2011/074395
	A1
(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)OKANO, YASUSHI

4)NAKAMURA, TAISUKE

5)MATSUO, TAKESHI

(57) Abstract :

A wind turbine generator includes: a rotor hub configured to be provided inside a rotor head and contain apparatuses; a hatch configured to be provided in a front of the rotor hub; and a heat exchanger configured to be provided in an opening of the hatch. The heat exchanger includes: a partition portion configured to be put on the opening, and heat exchanging members configured to be provided so as to penetrate the partition portion, a side of one end being located inside the rotor hub and a side of the other end being located outside the rotor hub. (Fig. 2)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9037/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SOFTWARE UPDATING SYSTEM, ELECTRONIC DEVICES AND SOFTWARE UPDATING METHOD

(51) International classification	:G06F11/00
(31) Priority Document No	:2009-135707
(32) Priority Date	:05/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059356
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/140623
	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)SHIMIZU, YOSHIYUKI

3)ASAKA, HIROYUKI

4)ARAMAKI, HIROSHI

5)MIZUNO, KYOHJI

(57) Abstract :

Updating of software is made to be quick and easy, even for electronic devices that do not have a broadcasting-receiving function or a network-connecting function, in a system in which multiple electronic devices are connected via a communication interface such as HDMI. A software updating system has a recorder (1) and an AV amplifier (2) connected via an HDMI. The recorder (1) is provided with a tuner (11) that obtains update data for updating the software of the AV amplifier (2), and an HDMI transmission unit (19) that transmits the obtained update data to the AV amplifier (2) , via an audio transmission line of the HDMI standard. The AV amplifier (2) is provided with a controller (21) that updates the software of the AV amplifier (2) with the update data transmitted from the recorder (1).

No. of Pages : 70 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9098/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : MEDICAMENT DELIVERY DEVICE

(51) International classification	:A61M5/315
(31) Priority Document No	:61/184626
(32) Priority Date	:05/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2010/050769
Filing Date	:05/07/2010
(87) International Publication No	:WO 2010/140974
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)WIESELBLAD, ANDERS

2)CHEUNG, FUNG KAI KENNY

(57) Abstract :

The present invention relates to a medicament delivery device comprising an elongated housing arranged to contain a medicament container which medicament container contains a number of doses; a dose counter mechanism comprising a dose drum arranged with dose indicia on its outer surface and visible through a window on said housing; a rotatable driver connected to said dose drum; a plunger rod arranged to act on said medicament container for expelling a dose of medicament a actuation mechanism connected to said rotatable driver and to said plunger rod when said medicament delivery device is actuated; wherein said dose drum is arranged with internal threads, in engagement with corresponding threads on said driver, wherein said threads have a certain pitch; wherein said dose drum is also arranged with external threads in engagement with corresponding threads arranged fixed in relation to said housing, wherein said threads have a certain pitch; and wherein the pitch of the threads between the dose drum and fixed in relation to the housing is lesser than the threads between the dose drum and the driver such that when said driver is rotated a certain angular distance, said dose drum is rotated a lesser angular distance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9099/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR ATRIAL FIBRILLATION DETECTION

(51) International classification :A61B5/046

(31) Priority Document No :61/263115

(32) Priority Date :20/11/2009

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

(86) International Application No :PCT/IB2010/002955
Filing Date :18/11/2010

(87) International Publication No :WO 2010/061606
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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00-515 Poland

(72)Name of Inventor :

1)DZIUBINSKI, MAREK

(57) Abstract :

Described are computer-based methods and apparatuses, including computer program products, for automated atrial fibrillation detection. Based on morphology analysis, atrial beats are recognized and used for R-R intervals analysis. "Die. invented system creates R-R interval classes and estimates irregularity indicator value (deviation) for each class. The total average R-R intervals deviation for all analyzed atrial beats is calculated by weighted averaging of the irregularity indicator values of all classes, where the weight values are equal to the class sizes. FIG.1

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

(54) Title of the invention : MOLDING MATERIAL FOR EXTRUSION FOAM MOLDING, PROCESS FOR PRODUCING SAME, WOODY MOLDED FOAM PRODUCED FROM THE MOLDING MATERIAL, AND PROCESS AND APPARATUS FOR PRODUCING THE WOODY MOLDED FOAM

(51) International classification	:B29C47/12
(31) Priority Document No	:2009-158202
(32) Priority Date	:02/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058102
Filing Date	:13/05/2010
(87) International Publication No	:WO 2011/001745
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

Disclosed is a molding material for extrusion foam molding from which woody molded foam of high quality can be obtained. From the molding material, woody molded foam of high quality with no defects is efficiently produced. Constituent materials comprising woodmeal and a thermoplastic resin as major components and containing 1.5 wt% alkane having a molecular weight of 300-1,000 g/mol are melt-kneaded until the components come into an evenly dispersed state, and the resultant mixture is molded into pellets having a given diameter to obtain a molding material. Subsequently, this molding material is extrusion molded into a given shape together with a blowing agent by means of an extrusion molding device, thereby obtaining woody molded foam. The extrusion molding is preferably conducted in a manner such that the extrudate (25a) extruded from the extruder (12) is introduced into the molding chamber (31) of a molding die (30) while keeping the extrudate in the pressurized state and the extrudate (25a) is released from the pressure upon introduction into the molding chamber (31) of the molding die (30) to foam the extrudate (25a).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9146/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : STRUCTURAL AUTOMOTIVE PART MADE FROM AN AL-ZN-MG-CU ALLOY PRODUCT AND METHOD OF ITS MANUFACTURE

(51) International classification :C22C21/10
(31) Priority Document No :09162616.8
(32) Priority Date :12/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/057660
Filing Date :01/06/2010
(87) International Publication No :WO 2010/142579
A1
(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)SPANGEL, SABINE MARIA
4)WISE,ALASTAIR
5)KROPFL, INGO GUNTHER
6)KHOSLA, SUNIL

(57) Abstract :

The invention relates to a method of manufacturing a formed aluminium alloy body-in- white ("BIW") part of a or vehicle, the BIW part having a yield strength of more than 500 MPa after being subjected to a paint-bake cycle, the method comprising: (a) providing a rolled aluminium sheet product of an AlZnMgCu alloy and having a gauge in a range of 0.5 to 4 mm being subjected to a solution heat treatment (SHT) and having been quenched following said SHT, and wherein the SHT and quenched aluminium sheet product has a substantially recrystallised microstructure, (b) forming the aluminium alloy sheet to obtain a formed BIW part, (c) assembling the formed BIW part with one or more other metal parts to form an assembly forming a motor vehicle component; (d) subjecting said motor vehicle component to a paint bake cycle and wherein the aluminium alloy sheet in the formed BIW part has a yield strength of more than 500 MPa.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9089/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : TTK PEPTIDES AND VACCINES INCLUDING THE SAME

(51) International classification :C07K7/06
(31) Priority Document No :61/216,017
(32) Priority Date :11/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2010/003166
Filing Date :10/05/2010
(87) International Publication No :WO 2010/131452
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TSUNODA, TAKUYA
3)OHSAWA, RYUJI
4)YOSHIMURA, SACHIKO
5)WATANABE, TOMOHISA

(57) Abstract :

Peptide vaccines against cancer are described herein. In particular, epitope peptides derived from the TTK gene that elicit CTLs are provided. Antigen-presenting cells and isolated CTLs that target such peptides, as well as methods for inducing the antigen-presenting cell, or CTL are also provided. The present invention further provides pharmaceutical compositions containing as active ingredients peptides derived from TTK or polynucleotides encoding the peptides. Furthermore, the present invention provides methods for the treatment and/or prophylaxis (i.e., prevention) of cancers (tumors), and/or the prevention of postoperative recurrence thereof, as well as methods for inducing CTLs, methods for inducing anti-tumor immunity, using the peptides derived from TTK, polynucleotides encoding the peptides, or antigen-presenting cells presenting the peptides, or the pharmaceutical compositions of the present invention. [DRAWINGS] [Fig. 1]

No. of Pages : 86 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9090/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : HUMAN BINDING MOLECULES CAPABLE OF NEUTRALIZING INFLUENZA VIRUS H3N2 AND USES THEREOF

(51) International classification	:C07K16/10
(31) Priority Document No	:61/215,890
(32) Priority Date	:11/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/056217
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/130636
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)JONGENEELLEN, MANDY ANTONIA CATHARINA

(57) Abstract :

The present invention relates to binding molecules, such as human monoclonal antibodies, that bind to influenza virus comprising HA of the H3 subtype, such as H3N2, and have a broad neutralizing activity against such influenza virus. The disclosure provides nucleic acid molecules encoding the antibodies, their sequences and compositions comprising the antibodies and methods of identifying or producing the antibodies. The antibodies can be used in the diagnosis, prophylaxis and/or treatment of an influenza virus H3N2 infection. In a preferred embodiment, the antibodies provide cross-subtype protection, such that infections with H3, H7, and/or H10-based influenza subtypes can be prevented and/or treated.

No. of Pages : 237 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9092/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : A FLOW METER INCLUDING A BALANCED REFERENCE MEMBER

(51) International classification	:G01F1/05
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/043418
Filing Date	:11/05/2009
(87) International Publication No	:WO 2010/132048 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)WERBACH, CHRISTOPHER, A.

(57) Abstract :

The present invention relates to a vibrating flow meter (210) and a method of providing a vibrating flow meter (210). The vibrating flow meter (210) includes a conduit (103A) and a driver (104) configured to vibrate the conduit (103A). The vibrating flow meter (210) also includes a first pick-off (105). The first pick-off (105) includes a first pick-off component (105a) and a second pick-off component (105b). The vibrating flow meter (210) also includes a reference member (150). The first pick-off component (105a) is coupled to the reference member (150) while the second pick-off component (105b) is coupled to the conduit (103A) proximate the first pick-off component (105 a). The vibrating flow meter (210) also includes a balancing element (253) coupled to the reference member (150).

No. of Pages : 23 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9096/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MAKING BODILY FLUID ABSORBENT PAD

(51) International classification :A61F13/15
(31) Priority Document No :2009-156295
(32) Priority Date :30/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/063021
Filing Date :21/07/2009
(87) International Publication No :WO 2011/001543
A1
(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 making bodily fluid absorbent pads quantity of scrapped material is reduced. A bodily fluid absorbent pad (liner) 10 has a shape symmetric in a longitudinal direction P as well as in a transverse direction Q. A dimension of the pad 10 in the transverse direction Q is larger in opposite end regions 31, 32 than in an intermediate region 33. The pad 10 is formed along opposite side edges 11a, 11b with first and second compressed lines 21, 22. Paired compression rolls 302 are used to form the first and second compressed lines 21, 22, and at least one roll constituting the paired compression rolls 302 is formed on a peripheral surface thereof with compressing units projecting from the peripheral surface. The compressing units are arranged in a circumferential direction to form one row and at least one additional row, which is adjacent to the one row in an axial direction of the roll. In each pair of the adjacent rows, there is an offset between the compressing unit in the one row and the compressing units in the other row in the circumferential direction.

No. of Pages : 53 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9038/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : BIOCATALYTIC PRODUCTION OF AMBROXAN

(51) International classification	:C12P17/04
(31) Priority Document No	:09162104.5
(32) Priority Date	:05/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057696
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/139719
	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)BREUER, MICHAEL

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3)HAUER, BERNHARD

(57) Abstract :

The invention relates to a process for the biocatalytic production of ambroxan by means of a polypeptide with the activity of a homofarnesol-ambroxan cyclase, which are a novel class of enzymes.

No. of Pages : 79 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9039/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : TELESCOPIC COMPOSITE CYLINDER HYDRAULIC HOIST

(51) International classification	:F15B15/16
(31) Priority Document No	:61/184,074
(32) Priority Date	:04/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000843
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/139068 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)DAWSON, STEVEN, CLARE

(57) Abstract :

The present invention is a telescopic composite cylinder that functions as a hydraulic hoist incorporating multiple cylinders formed of composite materials. The walls of the multiple cylinders may be formed of pultruded composite material, or a combination of composite materials. The cylinders of the hydraulic hoist may incorporate a plurality of piston and sleeve assemblies that are mounted so as to invoke a telescopic relationship between the multiple cylinders. The materials that the cylinders are formed of may create walls having a smooth surface that can eliminate problems facing hoists formed of other materials, for example, such as a honing process, fluid leakage and seal wearing problems. The hoist may be run on diesel fuel drawn from the tank of a vehicle. Additionally, the present invention may be releasably attached to a surface by way of a saddle mounting system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9193/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : HYBRID ELECTRIC POWER SOURCE DEVICE FOR CRANE AND METHOD FOR CONTROLLING HYBRID ELECTRIC POWER SOURCE DEVICE FOR CRANE

(51) International classification	:H02P9/04	(71)Name of Applicant :
(31) Priority Document No	:2009-143017	1)SUMITOMO HEAVY INDUSTRIES ENGINEERING AND SERVICES CO., LTD.
(32) Priority Date	:16/06/2009	Address of Applicant :1-1, OSAKI 2-CHOME,
(33) Name of priority country	:Japan	SHINAGAWA-KU, TOKYO 141-6025 Japan
(86) International Application No	:PCT/JP2010/004016	(72)Name of Inventor :
Filing Date	:16/06/2010	1)NORIYUKI NISHIYAMA
(87) International Publication No	:WO 2010/146854	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hybrid electric power source device for a crane and a method for controlling a hybrid electric power source device for a crane which are capable of preventing the fuel consumption of an engine generator from deteriorating even when a load suddenly increases. A hybrid electric power source device (1) for a crane, comprising an engine generator (10), an electricity storage device (40), and a control device (2) for controlling the electricity storage device (40) and the engine generator (10). The control device (2) is provided with an electric power calculation section (2a) for obtaining, on the basis of the required electric power to be supplied to the outside and of the electric power charged in the electricity storage device (40), the electric power to be delivered by the engine, and also with a command signal transmission section (2b) for calculating output torque and a rotational frequency on the basis of the electric power to be delivered by the engine, which is calculated by the electric power calculation section (2a), and generating a torque command signal and a rotational frequency command signal.

No. of Pages : 61 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.92/CHENP/2012 A

(43) Publication Date : 29/03/2013

(54) Title of the invention : MICROWAVE HEATING DEVICE AND MICROWAVE HEATING CONTROL METHOD

(51) International classification :H05B6/68
(31) Priority Document No :2009-163544
(32) Priority Date :10/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/004251
Filing Date :28/06/2010
(87) International Publication No :WO 2011/004561
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)NOBUE, TOMOTAKA
2)OOMORI, YOSHIHARU
3)YASUL, KENJI
4)MIHARA, MAKOTO

(57) Abstract :

In order to provide a microwave heating device and a microwave heating control method which are capable of uniformly heating a to-be-heated object in a desired state, by employing plural feeding portions provided in a heating chamber on the basis of information about reflected electric power from the respective feeding portions; a control portion (21) controls to supply microwave electric power from plural feeding portions (20a, 20b, 20c and 20d) to a heating chamber (100) by operating a microwave generating portion (10) at a heating frequency for heating a to-be-heated object, estimates a heating state for the to-be-heated object on the basis of per-unit-time increase/decrease change states of detected levels of detection signals detected by electric-power detection portions (18a, 18b, 18c and 18d), and controls the heating frequency and the microwave electric power supplied from the feeding portions to the heating chamber.

No. of Pages : 94 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9167/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : DAMPER AND FURNITURE HINGE

(51) International classification	:E05F5/00
(31) Priority Document No	:20 2009 004 812.8
(32) Priority Date	:12/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055571
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/130566
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)STUKE, KAI, MICHAEL
2)LUCKINGSMEIER, ULRICH

(57) Abstract :

A damper for a furniture hinge (10) has a damper housing (2) which can be fitted on a mounting plate, wherein at least one hook (4), which can be hooked in a mounting plate side facing the damper housing (2) is integrally formed on a side of the damper housing (2) that faces the mounting plate, wherein the damper housing (2) can be latched to the mounting plate by means of an elastically mounted, dimensionally stable ball (5).A furniture hinge is also described.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9207/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : DEVICE PROVIDED TO BE USED TOGETHER WITH EXISTING TOOLS TO MILL GROOVES INSIDE HOLES

(51) International classification	:B23C3/30
(31) Priority Document No	:TO2009A000443
(32) Priority Date	:10/06/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/052501
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/143111
	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 :**
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2) BROGGINI, ROBERTO

(57) Abstract :

A device provided to be used, together with commercially available tools for milling grooves of various shapes and sizes inside holes of various shapes and sizes, allowing it to be applied to any machine tool such as, for example but not exclusively, to a machining centre which, in order to carry out machining operations, including tool changes, requires the locking of the tools in a predetermined position. The device is provided with means adapted to lock such tools in said predetermined position. (Figure 2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9208/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : INFRARED ATTENUATED POLYMERIC FOAM INSULATION WITH FLAME RETARDANT PERFORMANCE

(51) International classification	:C08J9/12
(31) Priority Document No	:61/183,990
(32) Priority Date	:04/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036802
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/141400 A1
(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)GORDON-DUFFY, JOHN

(57) Abstract :

Prepare a polymer foam by extrusion foaming a foamable thermoplastic polymer composition using a blowing agent containing 3 to 5 weight-percent (wt%) carbon dioxide, up to 5 wt% alcohol having 2-3 carbons, up to 0.7 wt% water and up to 2.5 weight-percent iso-butane; wherein the blowing agent comprises at least 0.1 wt% of water and/or alcohol having 2-3 carbons; two to five wt% infrared attenuating agent selected from petcoke and 100-700 nanometers size carbon black; 2.5 to 3.5 wt % brominated flame retardant; and at least 0.1 wt% of epoxy stabilizer wherein the resulting polymeric foam is characterized by having a density in a range of 30 to 37 kilograms per cubic meter, a unimodal cell size distribution, an average cell size of 0.15 to 0.4 millimeters, a thermal conductivity in a range of 28 to 35 milliwatts per meter*Kelvin and that passes the German B2 fire test.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9209/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : CONTROLLER FOR LOAD DRIVE SYSTEM

(51) International classification	:H02M7/48
(31) Priority Document No	:2009-138314
(32) Priority Date	:09/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058628
Filing Date	:21/05/2010
(87) International Publication No	:WO 2010/143514
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)NAKAGAWA, TOMOAKI

(57) Abstract :

There is provided a controller for a load drive system which can reduce a ripple current which flows in a smoothing capacitor even when an inverter is PWM controlled with a two-phase modulation. A controller for a load drive system having a converter for changing an output voltage of a DC power supply, an inverter for transforming a DC voltage outputted from the converter into a three-phase AC voltage to be applied onto a load and a smoothing capacitor provided in parallel between the converter and the inverter includes an inverter controller for PWM controlling the inverter with a two-phase modulation and a converter controller for PWM controlling the converter. Frequencies of an inverter carrier signal used in the inverter controller and a converter carrier signal used in the converter controller are the same. And, when a timing at which an input current to the inverter which corresponds to the inverter carrier signal is generated deviates a predetermined period, a phase difference between the inverter carrier signal and the converter carrier signal is shifted by an amount equal to the predetermined period.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9201/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : IMPROVING FUEL EFFICIENCY FOR A PISTON ENGINE USING A SUPER-TURBOCHARGER

(51) International classification :F02B33/44

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/051742

Filing Date :24/07/2009

(87) International Publication No :WO 2011/011019 A1

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)VANDYNE, ED

2)SCHUMACHER, VOLKER

(57) Abstract :

Disclosed is a system and method that increases the amount of power available from a super-turbocharger, and the fuel efficiency of an engine. The system utilizes a catalytic converter to provide thermal buffering to the turbine protecting it from thermal transients. Since the catalytic converter is exothermic, a portion of the compressed air generated by the compressor is fed back to the turbine via a feedback valve decreasing the exhaust temperature and increasing the mass flow provided to the turbine. The feedback valve can be used to reduce compressor surge during low rpm, high load conditions of said engine. The amount of compressor feedback air is limited to the amount of excess thermal energy so that an optimum turbine operating temperature of the combined engine exhaust gas and compressed air can be maintained. Excess power generated by the turbine is then used to drive the engine crank shaft.

No. of Pages : 30 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9202/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR INDEPENDENTLY CONTROLLING THE OPERATION OF FUEL CELL STACKS AND FUEL CELL SYSTEMS INCORPORATING THE SAME

(51) International classification	:H01M10/44
(31) Priority Document No	:61/186,732
(32) Priority Date	:12/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038387
Filing Date	:11/06/2010
(87) International Publication No	:WO 2010/144850 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)EDMISTON, THANE, REA

2)GREENOUGH, BENJAMIN, CHARLES

(57) Abstract :

The present disclosure is directed to systems and methods for independently controlling the operation of fuel cell stacks and to fuel cell systems incorporating the same. These systems and methods may include providing a fuel cell system including a plurality of fuel cell stacks and at least a first energy storage device and controlling the operation of the plurality of fuel cell stacks based at least in part on a variable associated with the fuel cell system and/or an energy consuming device. These systems and methods may further include beginning production of electrical output from the fuel cell system responsive to a start condition, initiating production of electrical output from the plurality of fuel cell stacks responsive to a plurality of stack start conditions, and ceasing the production of electrical output from the fuel cell stacks responsive to at least a first stack stop condition.

No. of Pages : 56 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9204/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : BUS CONDITION MONITORING SYSTEM

(51) International classification :H02J13/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2009/049925
Filing Date :08/07/2009
(87) International Publication No :WO 2011/005254 A1
(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)BUDYN, MAREK
4)URMSON, MICHAEL, G.

(57) Abstract :

A method and system is disclosed for monitoring switchgear. The current supplied to the main bus is measured. The current flowing through a plurality of feeder circuits is also measured. The temperature of the main bus at one or more nodes is measured, wherein a node is a connection point between the main bus and each feeder circuit. The current flowing through one of the nodes is determined by subtracting the current flow through each the feeder circuit upstream from the node, from the current supplied by the input circuit. An alarm condition is determined if the temperature at a node exceeds a predetermined temperature value for a given current flow through the node. The alarm condition is thereafter displayed to a switchgear operator.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9205/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : VEHICLE EQUIPMENT PROTECTION STRUCTURE FOR RAILROAD VEHICLE

(51) International classification :B61G7/10
(31) Priority Document No :2010-026203
(32) Priority Date :08/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/000694
Filing Date :09/02/2010
(87) International Publication No :WO 2011/099268
A1
(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)TAKAGAKI, TETSUYA
5)KUMAMOTO, HIDEKI
6)YAGI, SEIICHIRO
7)UMEBAYASHI, TOMONORI

(57) Abstract :

A car 12 includes a car equipment protection structure 11. The car equipment protection structure 11 includes an underframe 15, couplers 21F and 21R, and guide members 27F and 27R. Each of the guide members 27F and 27R is provided on a railcar inner side of an attached flange portion 20 of the underframe 15 to which the couplers 21F and 21R are attached. Moreover, the guide members 27F and 27R respectively include inclined surfaces 28F and 28R, each of which is opposed to at least a part of the coupler 21F or 21R. Each of the inclined surfaces 28F and 28R is inclined toward the railcar inner side as it extends downward.

No. of Pages : 46 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9210/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : IMMUNOLOGICAL TARGETING OF PATHOLOGICAL TAU PROTEINS

(51) International classification :A61K38/17
(31) Priority Document No :61/185,895
(32) Priority Date :10/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038184
Filing Date :10/06/2010
(87) International Publication No :WO 2010/144711 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 :

The present invention relates to methods and compositions for treating, preventing, and diagnosing Alzheimer's Disease or other tauopathies in a subject by administering an immunogenic tau peptide or an antibody recognizing the immunogenic tau epitope under conditions effective to treat, prevent, or diagnose Alzheimer's Disease or other tauopathies. Also disclosed are methods of promoting clearance of aggregates from the brain of the subject and of slowing progression of tau-pathology related behavioral phenotype in a subject.

No. of Pages : 138 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9211/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : POLYELECTROLYTE MULTILAYER THIN FILM CATALYST AND METHOD FOR PRODUCING SAME

(51) International classification :B01J35/00
(31) Priority Document No :10-2009-0041657
(32) Priority Date :13/05/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/002137
Filing Date :07/04/2010
(87) International Publication No :WO 2010/131839 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)KWON, YONG TAK
3)KIM, TAE JIN
4)OH, SEUNG HOON
5)LEE, CHANG SOO
6)KIM, BO YEOL

(57) Abstract :

Disclosed herein is a catalyst, including: a carrier; a polymer electrolyte multilayer film formed on the carrier; and metal particles dispersed in the polymer electrolyte multilayer film. The catalyst is advantageous in that it can be easily prepared, and in that it can be used to produce hydrogen peroxide in high yield in the presence of a reaction solvent including no acid promotor.

No. of Pages : 46 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9212/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : ANTENNA RADIATING ELEMENT

(51) International classification	:H01Q1/52
(31) Priority Document No	:0902840
(32) Priority Date	:11/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/058137
Filing Date	:10/06/2010
(87) International Publication No	:WO 2010/142756
	A1
(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)CHAINON, SEBASTIEN
2)HAREL, JEAN-PIERRE
3)HILARY, AURELIEN

(57) Abstract :

The object of the invention is an antenna radiating element comprising: at least one dipole, comprising a base and arms, printed on one of the surfaces of a flat substrate with a high dielectric constant, at least one conductive line feeding the dipole, printed onto the substrate, characterized in that at least one parasitic element is further printed on the same surface of the substrate as the dipole and is disposed above the dipole's arms.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9214/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : REDOX FLOW BATTERY

(51) International classification :H01M8/18
(31) Priority Document No :2009-138414
(32) Priority Date :09/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059707
Filing Date :08/06/2010
(87) International Publication No :WO 2010/143634
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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4)UTSUMI, HISAYUKI

5)WATANABE, YUKI

6)YOSHIDA, AKIHITO

7)SATA, SHUNSUKE

8)TAKENAKA, SHINOBU

9)KAGA, MASAKI

(57) Abstract :

A redox flow battery comprising an electrode cell including a negative electrode cell, a positive electrode cell and a separator for separating them, in which at least one of the negative electrode cell and the positive electrode cell includes a slurry type electrode solution, a porous current collector and a casing; a tank for storing the slurry type electrode solution; and a pipe for circulating the slurry type electrode solution between the tank and the electrode cell.

No. of Pages : 61 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9215/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : ELECTRONIC DEVICE GESTURE PROCESSING METHOD AND GESTURE PROCESSING PROGRAM

(51) International classification	:G06F3/041
(31) Priority Document No	:2009-138828
(32) Priority Date	:10/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059802
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/143673
	A1
(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)ASHIKAWA, SHIGERU

(57) Abstract :

Disclosed is an electric device which is capable of supporting gesture input, and in which a user is capable of determining whether or not the electric device is in a state of accepting the gesture input. Specifically disclosed is an electronic device which is provided with a touch panel display, a storage unit for storing a plurality of sets of display data and trajectory related information that is associated with each of sets of display data, and a control unit, wherein the trajectory related information includes trajectory data and function information that is associated with the trajectory data, and wherein the control unit determines whether or not to accept the gesture input on the basis of the trajectory related information that is associated with the display data displayed on the touch panel display, and, when having determined to accept the gesture input, overlay-displays on the touch panel display, the trajectory data included in the trajectory related information that is associated with the display data so as to be overlaid on the display data.

No. of Pages : 42 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9220/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : A COMPACT ULTRA WIDE BAND ANTENNA FOR TRANSMISSION AND RECEPTION OF RADIO WAVES

(51) International classification :H01Q9/36
(31) Priority Document No :0909878.1
(32) Priority Date :09/06/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/001129
Filing Date :08/06/2010
(87) International Publication No :WO 2010/142951 A1
(61) Patent of Addition 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)IVOR LESLIE MORROW

(57) Abstract :

A stacked disk loaded antenna (80) that uses a dual double tuned impedance matching networks to broadband match the radiation resistance to a 50 Ω . port. Using two antenna elements (31, 64) in a stacked construction results in the antenna effectively combining the bandwidth ranges of both the antenna elements and removes the requirement for external tuning, which will add weight to an antenna structure. The stacked antenna system can be employed within communication systems operating within the HF and UHF bands.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9222/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : GENERATING OBFUSCATED DATA

(51) International classification	:G06F13/00
(31) Priority Document No	:61/183,054
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036812
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/141410 A1
(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)PETER NEERGAARD

(57) Abstract :

A method for obfuscating data includes: reading (210) values occurring in one or more fields of multiple records from a data source; storing (220) a key value; for each of multiple of the records, generating (230) an obfuscated value to replace an original value in a given field of the record using the key value such that the obfuscated value depends on the key value and is deterministically related to the original value; and storing (240) the collection of obfuscated data including records that include obfuscated values in a data storage system.

No. of Pages : 32 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9226/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : APPARATUS FOR STACKING AND RECLAIMING MATERIAL

(51) International classification :B65G37/00
(31) Priority Document No :12/482,558
(32) Priority Date :11/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038280
Filing Date :11/06/2010
(87) International Publication No :WO 2010/144781 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)BOYCE, BENJAMIN

2)DAVIS, GIENN

(57) Abstract :

A mobile stacking and reclaiming apparatus includes a moveable bridge, a moveable hopper and a moveable tripper. The moveable bridge has a first end, a second end, and at least one intermediate portion between the first and second ends. The moveable hopper is connected to the moveable bridge. The moveable hopper is moveable relative to the moveable bridge along at least a portion of the moveable bridge. The moveable tripper is also connected to the moveable bridge. The moveable tripper being moveable relative to the moveable bridge along at least a portion of the moveable bridge. A system is also disclosed that includes at least one mobile stacking and reclaiming apparatus adjacent to at least one stacking overland conveyor configured to convey material for stacking material and at least one reclaiming overland conveyor configured to convey material for reclaiming material. A method of providing such systems is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9228/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : BROMINATED NITROALKANOL COMPOSITIONS AND THEIR USE AS BIOCIDES

(51) International classification :A01N33/20

(31) Priority Document No :61/186,168

(32) Priority Date :11/06/2009

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

(86) International Application No :PCT/US2010/037862

Filing Date :09/06/2010

(87) International Publication No :WO 2010/144511 A1

(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)YIN, BEI

(57) Abstract :

Provided are biocidal compositions comprising: tris (hydroxymethyl) nitromethane; and a brominated nitroalkanol compound of formula I: (I) wherein R1, R2, and R3 are as defined herein. The compositions are useful for controlling microorganisms in aqueous or water-containing systems.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9246/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : TUBE COUPLING

(51) International classification	:F16L21/06
(31) Priority Document No	:10-2009-0062283
(32) Priority Date	:08/07/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2009/005220
Filing Date	:14/09/2009
(87) International Publication No	:WO 2011/004935 A1
(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)KANG, KI HWAN

(57) Abstract :

Disclosed is a tube coupling for connecting tubes for conveying a fluid. The invention includes a coupling body, an end cap, an O-ring seal, a collet and a retainer ring. The coupling body has a through pathway and a step for expanding the diameter of the through pathway. The end cap is connected to the through pathway and has a tapered bore. The O-ring seal is fitted to the through pathway in order to maintain a hermetic seal between the coupling body and a tube. The collet has a sleeve and a plurality of resilient arms extending from the sleeve. A plurality of heads are formed so as to be able to touch the tapered bore on the outer surface adjacent to the tip of each resilient arm. The retainer ring is fitted so as to be able to move along the through pathway between the O-ring seal and the collet. The retainer ring has a step which is formed such that it touches the tips of the resilient arms and the bore of large diameter housing the heads to ensure that there is no separation between the resilient arms and the bore of small diameter where a tube is inserted.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9216/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : STEAM COOKER

(51) International classification	:F22B1/28
(31) Priority Document No	:2009-139722
(32) Priority Date	:11/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059821
Filing Date	:10/06/2010
(87) International Publication No	:WO 2010/143678
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :
1)NOZAWA, RIKA
2)UEKI, TOSHIKI

(57) Abstract :

A steam cooker includes: a heating chamber (20) that stores an item to be cooked (90); a removable water tank (30); a steam generating device (40) that includes a housing (41) to which water is supplied from the water tank (30) and that heats, with a steam generating heater (42), the water within the housing (41) and supplies steam to the heating chamber (20); a hardness detection portion (36) that includes a plurality of electrodes (30a to 30c) which are immersed in water within the water tank (30) or a water storage portion (31) coupled to the water tank (30) and that detects the hardness of the water within the water tank (30) by a resistance between the electrodes (30a to 30c); and a notification portion (4) that provides a notification of a cleaning time of the steam generating device (40), in which, when the hardness of the water within the water tank (30) that is detected by the hardness detection portion (36) is high, the interval of cleaning of the steam generating device (40) is shorter than an interval set when the hardness detected by the hardness detection portion (36) is low

No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9218/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : PRINTED INDICATOR COMPOSITIONS

(51) International classification	:G01N31/22
(31) Priority Document No	:12/454,174
(32) Priority Date	:13/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034483
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/132528 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)SCHATZ, DAVID D.
3)SCHROEDER, MARC
4)KACZUN, JURGEN

(57) Abstract :

A method of revealing exposure of a substrate to an environmental stimulus includes exposing the substrate to the environmental stimulus, where the substrate includes at least one indicia, where each of the at least one indicia includes a plurality of chromatically selective scattering particles having a particle size distribution as measured by (weight average diameter)/(number average diameter) of less than or equal to about 1.1, and a colorant; and the at least one indicia exhibits a change in color in response to the environmental stimulus.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9219/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : IDENTIFICATION AND/OR AUTHENTICATION OF ARTICLE BY MEANS OF THEIR SURFACE PROPERTIES

(51) International classification	:G07D7/12
(31) Priority Document No	:102009025061.1
(32) Priority Date	:10/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/003326
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/142392
	A2
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)ANDREAS BACKER

3)THOMAS BIRSZTEJN

4)RALF IMHAUSER

5)CHRISTIAN ROTH

6)WALTER SPETH

7)SIMON HOFF

(57) Abstract :

The subject matter of the present invention is a method for identifying and/or authenticating objects with the aid of their surface nature. A further subject matter of the present invention is a sensor for scanning a surface.

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9268/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : STACKED-LAYERS FORMING DEVICE AND METHOD FOR MANUFACTURING THREE-DIMENSIONAL SHAPED OBJECT USING THE SAME

(51) International classification	:B22F3/16	(71)Name of Applicant :
(31) Priority Document No	:2009-119021	1)PANASONIC ELECTRIC WORKS CO., LTD.
(32) Priority Date	:15/05/2009	Address of Applicant :1048, OAZA-KADOMA, KADOMA-
(33) Name of priority country	:Japan	SHI, OSAKA 571-8686 Japan
(86) International Application No	:PCT/JP2010/058175	(72)Name of Inventor :
Filing Date	:14/05/2010	1)ABE, SATOSHI
(87) International Publication No	:WO 2010/131734	2)YOSHIDA, NORIO
	A1	3)HIGASHI, YOSHIKAZU
(61) Patent of Addition to Application		4)FUWA, ISAO
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to easily eliminate fumes inside a chamber, so as to improve a positional accuracy of irradiation with a light beam and a machining accuracy in a method for manufacturing a three-dimensional shaped object. A stacked-layers forming device 1 includes a powder layer forming unit 3, a light beam irradiating unit 4, a base 22 which is fixed and on which a powder layer 32 is formed, a lifting/lowering frame 34 which surrounds the circumference of the base 22 and is freely capable of being lifted and lowered, a cover frame 36 which has a window 36a allowing transmission of light beam in its top surface, and whose bottom surface is opened, and which is disposed on the lifting/lowering frame 34 to form a chamber C, and a gas tank 71 for supplying an ambient gas. The lifting/lowering frame 34 is lowered to reduce the volume of the chamber C, so as to discharge fumes generated inside the cover frame 36, which performs replacement with the ambient gas. Since the volume of the chamber C is reduced, it is possible to easily eliminate the fumes, which makes it possible to improve the positional accuracy of irradiation with the light beam L, and the machining accuracy.

No. of Pages : 58 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9249/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : PRE EXPANDED POLYPROPYLENE RESIN BEADS AND PROCESS FOR PRODUCING SAME

(51) International classification :C08J9/18
(31) Priority Document No :2009-144973
(32) Priority Date :18/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/004065
Filing Date :17/06/2010
(87) International Publication No :WO 2010/146871
A1
(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)TARO KIGUCHI

(57) Abstract :

The present invention provides pre-expanded polypropylene resin beads comprising (A) a glycerin monoester of a C6 to C24 fatty acid and/or a polyglycerin monoester of a C6 to C24 fatty acid and (B) a glycerin diester of a C6 to C24 fatty acid(s) and/or a polyglycerin diester of a C6 to C24 fatty acid(s), in such a manner that a weight ratio [= (A)/ (B)] between (A) and (B) in the polypropylene resin particles is 1.3 or more but 10 or less, and a total content [= (A) + (B)] is 0.3 parts by weight or more but 5 parts by weight or less with respect to 100 parts by weight of the polypropylene resin. The resin particles can be excellently used in in-mold foaming, without requiring washing with a chemical like nitric acid or methaphosphate soda, and can provide a polypropylene resin in-mold foamed product with good antistatic properties.

No. of Pages : 71 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9289/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : EXTRACELLULAR YALURONIDASE FROM STREPTOMYCES KOGANEIENSIS

(51) International classification :C12N9/26
(31) Priority Document No :MI2009A000831
(32) Priority Date :14/05/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2010/056596
Filing Date :12/05/2010
(87) International Publication No :WO 2010/130810
A1
(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)CARUSO, SALVATORE
4)GENNARI, GIOVANNI

(57) Abstract :

The invention relates to Streptomyces koganeiensis ATCC 31394 hyaluronidase having molecular weight of 21.6 kDalton which has hyaluronidase activity and stability markedly higher than those of hyaluronidase obtained from such microorganism to date. The invention further relates to a process for the isolation and purification of said hyaluronidase and its use for the preparation of pharmaceutical compositions or as an analytical reagent.

No. of Pages : 47 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9290/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : WOVEN FILTER FABRIC FOR A BAND FILTER

(51) International classification :B01D39/08
(31) Priority Document No :10 2009 021 398.8
(32) Priority Date :14/05/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/002891
Filing Date :12/05/2010
(87) International Publication No :WO 2010/130412
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BARTEL, MATTHIAS
3)VOGL, DIETER
4)KUHLMANN, JOACHIM

(57) Abstract :

The present invention relates to a filter cloth for a belt filter, wherein the filter cloth has an air permeability of 100 l/ (min*dm2) to 350 l/ (min*dm2) and fibers of the filter cloth have a fiber thickness of 25 µm to 35 µm and contain from 50% by weight to 100% by weight of perfluoroalkoxylalkane (PFA). The filter cloth has 25 to 35 warp threads (3) and 15 to 25 weft threads (2) per 1 cm. FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9294/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD FOR PRODUCING A COATED METAL STRIP WITH IMPROVED APPEARANCE

(51) International classification :C23C2/20
(31) Priority Document No :PCT/FR2009/000562
(32) Priority Date :14/05/2009
(33) Name of priority country :PCT
(86) International Application No :PCT/FR2010/000364
Filing Date :11/05/2010
(87) International Publication No :WO 2010/130895
A1
(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)ORSAL, BERTRAND
4)SAINT RAYMOND, HUBERT

(57) Abstract :

The subject of the invention is a process for manufacturing a metal strip having a metal coating for corrosion protection, comprising the steps consisting in: - making the metal strip pass through a bath of molten metal; then - wiping the coated metal strip by means of nozzles that spray a gas on each side of the strip, said gas having an oxidizing power lower than that of an atmosphere consisting of 4% oxygen by volume and 96% nitrogen by volume; and then - making the strip pass through a confinement zone bounded: ■ at the bottom, by the wiping line and the upper faces of the wiping nozzles, ■ at the top, by the upper part of two confinement boxes placed on each side of the strip, just above the nozzles, and having a height of at least 10 cm in relation to the wiping line and ■ on the sides, by the lateral parts of the confinement boxes, the atmosphere in the confinement zone having an oxidizing power lower than that of an atmosphere consisting of 4% oxygen by volume and 96% nitrogen by volume and higher than that of an atmosphere consisting of 0.15% oxygen by volume and 99.85% nitrogen by volume, as well as a coating installation and a confined wiping device (10; 20; 30) for implementing this process. Figure 3

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9271/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : LIQUEFIED NATURAL GAS AND HYDROCARBON GAS PROCESSING

(51) International classification	:F25J3/00
(31) Priority Document No	:12/466,661
(32) Priority Date	:15/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034732
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/132678 A1
(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)CUELLAR, KYLE T.

(57) Abstract :

A process for the recovery of heavier hydrocarbons from a liquefied natural gas (LNG) stream and a hydrocarbon gas stream is disclosed. The LNG feed stream is heated to vaporize at least part of it, then expanded and supplied to a fractionation column at a first mid-column feed position. The gas stream is expanded and cooled, then supplied to the column at a second mid-column feed position. A distillation vapor stream is withdrawn from the fractionation column below the mid-column feed positions and directed in heat exchange relation with the LNG feed stream, cooling the distillation vapor stream as it supplies at least part of the heating of the LNG feed stream. The distillation vapor stream is cooled sufficiently to condense at least a part of it, forming a first condensed stream. At least a portion of the first condensed stream is directed to the fractionation column at an upper mid-column feed position. A portion of the column overhead stream is also directed in heat exchange relation with the LNG feed stream, so that it also supplies at least part of the heating of the LNG feed stream as it is condensed, forming a second condensed stream. The second condensed stream is divided into a "lean" LNG stream and a reflux stream, whereupon the reflux stream is supplied to the column at a top column feed position. The quantities and temperatures of the feeds to the column are effective to maintain the column overhead temperature at a temperature whereby the major portion of the desired components is recovered in the bottom liquid product from the column.

No. of Pages : 70 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9274/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : ENCAPSULATED SWITCHGEAR

(51) International classification	:H01B3/56
(31) Priority Document No	:PCT/EP2009/057294
(32) Priority Date	:12/06/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/EP2009/062640
Filing Date	:29/09/2009
(87) International Publication No	:WO 2010/142353
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)HYRENBACH, MAIK
2)GRANHAUG, OLE
3)CLAESSENS, MAX-STEFFEN
4)SKARBY, PER

(57) Abstract :

The present invention relates to an encapsulated switchgear comprising a housing (4) defining an insulating space (6) and an electrical active part (8; 9, 11a, 11b, lie) arranged in the insulating space (6), said insulating space (6) comprising an insulation medium. The switchgear is characterized in that the insulation medium comprises a dielectric compound having a boiling point of above -25°C . (Fig. 1)

No. of Pages : 26 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9277/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : CORRECTION METHOD OF GEOMAGNETIC SENSOR IN MOBILE DEVICE, MOBILE DEVICE, AND PROGRAM

(51) International classification	:G01C17/38
(31) Priority Document No	:2009-117214
(32) Priority Date	:14/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057783
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/131599
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)KADOKURA, JUNICHI

(57) Abstract :

A mobile device has a geomagnetic sensor, position detection means for detecting a position of the mobile device, and a controller operable to control the geomagnetic sensor and the position detection means. When the position detection means detects a predetermined position change, the controller starts a correction process of the geomagnetic sensor based upon the detection.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9278/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHODS AND APPARATUS FOR INITIAL ACQUISITION IN A COMMUNICATION SYSTEM

(51) International classification :H03G3/30
(31) Priority Document No :12/796,009
(32) Priority Date :08/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038823
Filing Date :16/06/2010
(87) International Publication No :WO 2010/148087 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)MATTHIAS BREHLER
3)RAGHU N. CHALLA

(57) Abstract :

Disclosed are methods and apparatus for initial acquisition in a communication system, and in particular Time Division Duplex (TDD) systems such as those found in LTE. A disclosed method, for example, includes running a plurality of predetermined amplifier gain states for a low noise amplifier (LNA) during initial acquisition in a time division duplex (TDD) system, and determining acquisition of a received signal based on searching across the plurality of predetermined amplifier gain states. Forcing the amplifier gain into a set of predetermined gain states affords quicker resolution of initial acquisition for setting the gain of the LNA, which in TDD systems is complicated due to an uncertain uplink/downlink timeline that precludes continuous operation of a gain setting algorithm run in the LNA.

No. of Pages : 30 No. of Claims : 45

(54) Title of the invention : METHOD AND APPARATUS FOR USING PRE DISTORTION AND FEEDBACK TO MITIGATE NONLINEARITY OF CIRCUITS

(51) International classification :H03F1/32
 (31) Priority Document No :12/489,380
 (32) Priority Date :22/06/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/039553
 Filing Date :22/06/2010
 (87) International Publication No :WO 2010/151557 A1
 (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)VLADIMIR APARIN
2)GARY JOHN BALLANTYNE

(57) Abstract :

Techniques for mitigating nonlinearity of circuits with both pre-distortion and feedback are described. An apparatus may include at least one circuit (e.g., an upconverter, a power amplifier, etc.), a pre-distortion circuit, and a feedback circuit. The circuit(s) may generate an output signal having distortion components due to their nonlinearity. The pre-distortion circuit may receive an input signal and generate a pre-distorted signal based on at least one coefficient determined by the nonlinearity of the circuit(s). The pre-distortion circuit may adaptively determine the coefficient(s) based on the input signal and an error signal. The feedback circuit may generate the error signal based on the input signal and the output signal and may filter the error signal to obtain a filtered error signal. The circuit(s) may process the pre-distorted signal and the filtered error signal to generate the output signal, which may have attenuated distortion components due to pre-distortion and feedback.

No. of Pages : 30 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9282/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : DETECTION CIRCUIT FOR OVERDRIVE CONDITIONS IN A WIRELESS DEVICE

(51) International classification :H03F1/30
(31) Priority Document No :12/487,549
(32) Priority Date :18/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039275
Filing Date :18/06/2010
(87) International Publication No :WO 2010/148369 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)DOUGLAS SUDJIAN

(57) Abstract :

A detection circuit that can accurately detect signal peak is described. In an exemplary design, the detection circuit includes a bias voltage generator and a MOS transistor. The bias voltage generator provides a bias voltage as a function of temperature. The MOS transistor receives an input RF signal and the bias voltage and provides a rectified signal, which may be a linear function of the input RF signal and may have reduced deviation with temperature due to the bias voltage. The bias voltage generator may generate the bias voltage based on a temperature-dependent current having a slope selected to reduce deviation in the rectified signal with temperature. An offset canceller may cancel a reference voltage from the rectified signal and provide an output signal. A bulk bias generator may generate a bulk voltage for the bulk of the MOS transistor as a function of temperature to improve operating speed at higher temperature.

No. of Pages : 33 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9284/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : GENERATING TEST DATA

(51) International classification :G01D3/00
(31) Priority Document No :61/185,797
(32) Priority Date :10/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038018
Filing Date :09/06/2010
(87) International Publication No :WO 2010/144608 A1
(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)CARL RICHARD FEYNMAN

(57) Abstract :

Generating test data includes: reading values occurring in at least one field of multiple records from a data source (102); storing profile information including statistics characterizing the values; generating (206) a model (300) of a probability distribution for the field based on the statistics; generating (206) multiple test data values using the generated model such that a frequency at which a given value occurs in the test data values corresponds to a probability assigned to that given value by the model (300); and storing (212) a collection of test data (114) including the test data values in a data storage system (116).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9285/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR ASSISTING PERSONS IN STORING AND RETRIEVING INFORMATION IN AN INFORMATION STORAGE SYSTEM

(51) International classification	:G06F17/00
(31) Priority Document No	:61/217,091
(32) Priority Date	:27/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036422
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/138728 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)JONATHAN T. KLEIN
2)LEE WEINSTEIN

(57) Abstract :

A system is disclosed for assisting users in storing and retrieving information in an information storage system. The system includes selection means for permitting a user to choose selected information to be stored; convening means for convening a tagging tribunal, the tagging tribunal providing a graphical aggregation of available tags and information nuggets that may be selected by a user to create an association between at least one selected tag or information nugget and the selected information based on the user's decision to create such an association; and linking means for creating an associative link between the at least one selected tag or information nugget and the selected information, the associative link being part of an associative network.

No. of Pages : 105 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9147/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD FOR PRODUCING FIBER-REINFORCED BUILDING-MATERIAL COATINGS

(51) International classification :C04B28/02
(31) Priority Document No :10 2009 026 892.8
(32) Priority Date :10/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/057991
Filing Date :08/06/2010
(87) International Publication No :WO 2010/142669
A1
(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)BONIN, KLAUS
2)BEZLER, JURGEN
3)REITMAJER, KURT

(57) Abstract :

The invention relates to methods for producing fiber-reinforced building-material coatings in that building-material coating agents containing mineral binders, optionally fillers, and optionally additives, are sprayed by means of a spray nozzle to form a building-material coating agent stream and one or more fibers are introduced into the building-material coating agent stream, and the fiber-modified building-material coating agent stream thus obtained then strikes a substrate, characterized in that the building-material coating agents additionally contain one or more polymers based on ethylenically unsaturated monomers.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9149/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : CROSS-POLARIZATION MULTIBRAND ANTENNA

(51) International classification	:H01Q1/38
(31) Priority Document No	:0902838
(32) Priority Date	:11/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/058219
Filing Date	:11/06/2010
(87) International Publication No	:WO 2010/142780
	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)HAREL, JEAN-PIERRE

2)LECAM, PATRICK

3)PLET, JEROME

4)HILARY, AURELIEN

(57) Abstract :

The subject of this invention is a multiband antenna radiating element comprising a first pair of cross-polarization dipoles each of which comprises two collinear conducting arms, whereby the four conducting arms define a first radiating plane corresponding to a low frequency band. The radiating element also consists of at least a second pair of cross-polarization dipoles each of which comprises two collinear conducting arms, whereby the four conducting arms define a second radiating plan corresponding to a higher frequency band. The first and second radiating planes are parallel; the second radiating plane is positioned above the first from which it is electrically insulated and the surface of the first radiating plane covering the conducting arms of the first pair of dipoles is larger than the surface of the second radiating plane covering the conducting arms of the second pair of dipoles. The first radiating plane can be defined by a first pair of dual cross-polarization dipoles or one printed circuit dipole and the second radiating plane can be defined by a second pair of dipoles chosen from cross dipoles, butterfly dipoles and printed circuit dipoles. Figure to publish: fig. 4

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9150/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : TRANSFORMER CONTROL DEVICE

(51) International classification	:H02M3/155
(31) Priority Document No	:2009-139240
(32) Priority Date	:10/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058569
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/143511
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)NAKAGAWA, TOMOAKI

(57) Abstract :

There is provided a control device which controls a transformer in accordance with a total loss imposed on a load driving system including the transformer and a load. In a control device of a transformer that boosts or drops an output voltage of a DC power supply and provides the output voltage to a load, the control device includes: a switching controller which performs switching control of the transformer; a load power deriving unit which derives load power; a transformer loss decrease amount deriving unit which derives a decrease amount of loss generated in the transformer, based on the load power derived by the load power deriving unit and a transformer ratio of the transformer, when the switching controller performs intermittent control of the transformer; a load loss increase amount deriving unit which derives an increase amount of loss generated in the load when the switching controller performs the intermittent control of the transformer; and a control command unit which instructs the switching controller to perform the intermittent control of the transformer when the decrease amount of transformer loss derived by the transformer loss decrease amount deriving unit is larger than the increase amount of load loss derived by the load loss increase amount deriving unit.

No. of Pages : 50 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9151/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : USE OF AN ANTI-TAU PS422 ANTIBODY FOR THE TREATMENT OF BRAIN DISEASES

(51) International classification :C07K16/18
(31) Priority Document No :09007656.3
(32) Priority Date :10/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/003437
Filing Date :08/06/2010
(87) International Publication No :WO 2010/142423
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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3)GRUENINGER, FIONA

4)HUBER, WALTER

5)KRELL, HANS-WILLI

6)LIFKE, VALERIA

7)MUNDIGL, OLAF

8)OFFNER, SONJA

9)OZMEN, LAURENCE

10)SCHRAEML, MICHAEL

(57) Abstract :

An antibody binding to Tau, phosphorylated at serine 422 (pS422), characterized in specifically binding to phosphorylated Tau fragment of SEQ ID NO:9 and to Tau pS422, but not binding to Tau and to phosphorylated MCAK fragment of SEQ ID NO: 17 is useful in the treatment of a Tauopathy.

No. of Pages : 88 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9309/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : RETROREFLECTIVE SHEETING OF MICRO GLASS SPHERE PROVIDED WITH IMAGE HAVING VISUAL DIRECTION

(51) International classification	:G02B5/128
(31) Priority Document No	:2009-169430
(32) Priority Date	:17/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062127
Filing Date	:16/07/2010
(87) International Publication No	:WO 2011/007887
	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)MIMURA, IKUO
2)TAKAMATSU, TAKEO

(57) Abstract :

A retroreflective sheeting that is provided with a set image having excellent anticounterfeit characteristic and information transmission characteristic is provided. [Solution] A micro glass sphere retroreflective sheeting 100 provided with set images having visual directions is the micro glass sphere retroreflective sheeting 100 provided with at least two adjacent set images (LI, L2) each of which is formed by a set of a large number of point images each having a visual direction so as to be visible from a predetermined direction, wherein a visible region of each of the point images forming the set images (LI, L2) has a conical dimension having an apex at each of the point images (PI, P2), an inclination angle (P) of a center axis of the conical visible region of each of the point images (Pi, P2) forming the set images (LI, L2) is set to 0 to 45 degrees, and a difference (Ap) between the inclination angles of the center axes in the conical visible regions of the point images (Pi, P2) respectively in the set images adjacent to each other is set to range of between 5 and 25 degrees.

No. of Pages : 56 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9311/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : POLYAMIDE RESIN COMPOSITION AND MOLDED PRODUCT

(51) International classification	:C08L77/06
(31) Priority Document No	:2009-138490
(32) Priority Date	:09/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059794
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/143668
	A1
(61) Patent of Addition 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)KUROKAWA, MASASHI

(57) Abstract :

Disclosed is an m-xylene group-containing polyamide resin composition having excellent gas barrier properties and heat aging resistance, which contains (A) a polyamide composed of a diamine unit containing 30 % by mole or more of an m-xylylenediamine unit and a dicarboxylic acid unit and (B) an aromatic secondary amine based compound and has an oxygen permeability coefficient of not more than 1 cc-mm/m²-day-atm at 23Â°C and 75 % RH.

No. of Pages : 45 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9314/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : ELECTRONIC DEVICE

(51) International classification	:H01L21/822
(31) Priority Document No	:2009-138566
(32) Priority Date	:09/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/001257
Filing Date	:24/02/2010
(87) International Publication No	:WO 2010/143336
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)HIROYUKI MORIWAKI

(57) Abstract :

An electronic device of the present invention includes a shift register SR provided integrally with a substrate, a first line 11 connected with a connection terminal 101 electrically connectable with an outside device provided independently of the shift registers SR, second lines 12a through 12c via which output waveforms of the shift register SR are extracted, and switching sections 13a through 13c by which the first line 11 and the second lines 12a through 12c are switched between an electrically connected condition and an electrically disconnected condition. With this, even in a case where the electronic device of the present invention is a liquid crystal display device having a driver monolithic structure, output waveforms of a drive circuit (electronic circuit) can be inspected.

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9317/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : LIGHTING DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-142029
(32) Priority Date	:15/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059511
Filing Date	:04/06/2010
(87) International Publication No	:WO 2010/147005
	A1
(61) Patent of Addition to 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
2)MOURI, HIROKAZU

(57) Abstract :

The present invention provides a lighting device configured to produce light with a substantially averaged overall color. The lighting device 12 of the present invention includes a plurality of point light sources 17 and a chassis 14 that houses the point light sources 17. The point light sources 17 are classified in two or more color ranges A, B, and C according to colors of light. Each color range has a range defined by a square with sides each having a length of 0.01 in the EIC 1931 color space chromaticity diagram. The point light sources 17 in the different color ranges A, B, and C are housed in the chassis 14.

No. of Pages : 58 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9318/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD FOR COATING MICROMECHANICAL PARTS WITH HIGH TRIBOLOGICAL PERFORMANCES FOR APPLICATION IN MECHANICAL SYSTEMS

(51) International classification :C23C16/27
(31) Priority Document No :09160548.5
(32) Priority Date :18/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/056835
Filing Date :18/05/2010
(87) International Publication No :WO 2010/133607
A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DREXEL, HERWIG
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5)RICHARD, DAVID
6)CUSIN, PIERRE

(57) Abstract :

Method for coating micromechanical components of a micromechanical system, in particular a watch movement, comprising: providing a substrate (4) component to be coated; providing said component with a diamond coating (1); wherein diamond coating is provide by CVD in a reaction chamber and during CVD deposition, during the last portion of the growth process, a controlled change of the carbon content within the reaction chamber is provided, thereby providing a change of the sp²/sp³ carbon bonds (2) in the vicinity of the surface. Corresponding micromechanical components are also provided. Figure 3

No. of Pages : 23 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9156/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD FOR OPTIMIZING THE OPERATION OF A HYDROCARBON SYNTHESIS UNIT STARTING FROM SYNTHESIS GAS, BY CONTROLLING THE PARTIAL PRESSURE OF CO

(51) International classification	:C10G2/00
(31) Priority Document No	:09/02801
(32) Priority Date	:10/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000378
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/142863
	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)MARION, MARIE-CLAIRE

2)TASSO, ANDREA

3)CORNARO, UGO

(57) Abstract :

A method is described for optimizing the operation of a reaction section for the synthesis of hydrocarbons from a feed comprising synthesis gas, operated in the presence of a catalyst comprising cobalt, said method comprising the following steps: a) determining the theoretical partial pressure of CO in the reaction section; b) optionally, adjusting the partial pressure of CO determined in step a) to a value of 4 bar or higher; c) determining a new value for the theoretical partial pressure of CO in the reaction section.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9330/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : FRICTION ELEMENT

(51) International classification	:F16D69/04
(31) Priority Document No	:A 835/2009
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2010/000188
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/135757 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MUHLEGGGER, MARKUS

(57) Abstract :

The invention relates to a method of producing a friction element comprising a friction lining (1) made from sintered material, which is applied to a support (2), and at least two recesses (4) are provided in the support (2), each for accommodating a connecting element for fitting the support (2) with the friction lining (1) on a supporting element (3). A cut-out (A, A1, A2) is provided in the friction lining (1) which surrounds at least two regions (B1..B4) spaced apart from one another in which the at least two recesses (4) of the support (2) for accommodating the connecting elements are disposed. The invention further relates to the friction lining (1) itself. Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9340/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : POLYMERIC DISPERSANTS AND NON-AQUEOUS DISPERSIONS

(51) International classification :C08G69/10
(31) Priority Document No :09163202.6
(32) Priority Date :19/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/057770
Filing Date :03/06/2010
(87) International Publication No :WO 2010/145950
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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MORTSEL Belgium
(72)Name of Inventor :
1)ANDRE, XAVIER
2)LOCCUFIER, JOHAN

(57) Abstract :

A non-aqueous pigment dispersion including a pigment, a non-aqueous dispersion medium and a polymeric dispersant including at least one oxalylamide structural unit according to Formula (I): wherein: R1 represents a first polymeric moiety selected from the group consisting of a linear polymeric moiety, a star shaped polymeric moiety, a dendritic polymeric moiety, a branched polymeric moiety and a hyperbranched polymeric moiety; and R2 represents a second polymeric moiety selected from the group consisting of a polyester, a polyether, a polyamide, a polyacrylate, a polymethacrylate or copolymers thereof. Methods of preparation of non-aqueous pigment dispersions with the polymeric dispersant are also disclosed.

No. of Pages : 48 No. of Claims : 15

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF NITRILE COMPOUNDS FROM ETHYLENICALLY UNSATURATED COMPOUNDS

(51) International classification :C07C253/10
(31) Priority Document No :09 54015
(32) Priority Date :16/06/2009
(33) Name of priority country :France
(86) International Application No :PCT/EP2010/057922
Filing Date :07/06/2010
(87) International Publication No :WO 2010/145960
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)MASTROIANNI, SERGIO
2)PRINGLE, PAUL
3)GARLAND, MICHAEL
4)HOPEWELL, JONATHAN

(57) Abstract :

The present invention relates to a method for the hydrocyanation of organic ethylene-unsaturated compounds into compounds including at least one nitrile function. The present invention provides a method for the hydrocyanation of a hydrocarbon compound including at least one ethylenic unsaturation by reaction in a liquid medium with hydrogen cyanide in the presence of a catalyst including a metal element selected from among the transition metals and an organophosphorous ligand including, in one embodiment of the invention, an organophosphorous compound with formula (I), in which: Rh R2, R3, R4, which can be identical or different, are a hydrogen atom, a linear or branched alkyl radical with one to twelve carbon atoms which may contain heteroatoms, a radical including an aromatic or cycloaliphatic radical, optionally substituted, which may include heteroatoms, a carbonyl, alcoxycarbonyl or alcoxy radical, a halogen atom, a nitrile group or a halogen-alkyl group having one to twelve carbon atoms; and X is a halogen atom selected from the group including fluorine and bromine. The present invention can be used in particular for the synthesis of adiponitrile from butadiene.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9320/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : ELECTROSTATICALLY CHARGED MULTI-ACTING NASAL APPLICATION, PRODUCT AND METHOD

(51) International classification	:A61K9/72
(31) Priority Document No	:12/467,271
(32) Priority Date	:16/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069689
Filing Date	:29/12/2009
(87) International Publication No	:WO 2010/134942 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)ASHOK L. WAHL.

(57) Abstract :

A product to reduce and method of reducing the risk of inhalation of harmful substances by applying a formulation composition to a substrate or the skin in close proximity of one or more nostrils. This formulation, when applied creates an electrostatic field having a charge. The electrostatic field attracts airborne particulates of opposite charge to the substrate that are in close proximity to the substrate close to the skin and a biocidal agent renders microorganisms coming in contact the substrate or skin less harmful.

No. of Pages : 38 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.9321/CHENP/2011 A

(43) Publication Date : 29/03/2013

(54) Title of the invention : SWITCHGEAR ASSEMBLY MODULE AND SWITCHGEAR ASSEMBLY

(51) International classification	:H02B13/035
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/050514
Filing Date	:18/01/2010
(87) International Publication No	:WO 2011/085820
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)BOLLI, TILO
3)HOLAUS, WALTER

(57) Abstract :

A switchgear assembly module 2 for a switchgear assembly has a housing 1, which forms a common gas space for accommodating an insulating gas for the switchgear assembly module. The switchgear assembly module 2 comprises: a busbar conductor arrangement comprising three busbar conductor sections 110, 120, 130, which are accommodated in the common gas space; an outgoing conductor connection group with three outgoing conductor openings 56, 66, 76 and with three outgoing conductor sections 156, 166, 176, which extend from within the housing towards a respective one of the outgoing conductor openings 56, 66, 76; and three switch disconnectors 151, 161, 171, which each connect a respective one of the busbar conductor sections 110, 120, 130 to a respective one of the outgoing conductor sections 156, 166, 176 via a disconnection point 152, 162, 172. An outgoing normal plane E4 is defined by the three outgoing conductor openings 56, 66, 76 and is parallel to the mid-perpendiculars of the outgoing conductor openings 56, 66, 76. The disconnection points 152, 162, 172 are arranged spatially in such a way that at least the disconnection point 152, 162 of a first one of the switch disconnectors 151, 161 is arranged on a first side of the outgoing normal plane E4 and the disconnection point 172 of a second one of the switch disconnectors 171 is arranged on a second side, which is opposite the first side, of the outgoing normal plane E4. (Figure 6)

No. of Pages : 56 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9323/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : LIGHTING DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-142187
(32) Priority Date	:15/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056205
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/146914
	A1
(61) Patent of Addition to 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 :

An object of the present invention is to stably fix a light source board without using any screw. A backlight unit 12 according to the present invention includes an LED board 18 including an LED 17 as a light source, a chassis 14 that stores the LED board 18 and has an opening 14b through which light from the LED 17 exits, and a holding member 20 that extends in at least one direction along a plate surface of the LED board 18 and is fixed to the chassis 14 so as to hold the LED board 18 together with the chassis between the holding member 20 and the chassis 14.

No. of Pages : 118 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9327/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : VIDEO DISPLAY DEVICE, VIDEO DISPLAY METHOD, VIDEO DISPLAY SCREEN AND LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification	:G03B21/10
(31) Priority Document No	:2009-159241
(32) Priority Date	:03/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/061257
Filing Date	:01/07/2010
(87) International Publication No	:WO 2011/002059
	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)RESEARCH ORGANIZATION OF INFORMATION
AND SYSTEMS**

(72)Name of Inventor :

1)GOHSHI, SEIICHI

2)ECHIZEN, ISAO

(57) Abstract :

A video display system (1) of the present invention includes (i) a projector (202) (image forming section) that generates a display image in accordance with a digital video signal and (ii) a screen (203) (video display section) on which an image generated by the projector (202) is projected and displayed. Provided behind the screen (203) is an infrared-emitting unit (204) (light-emitting section) that emits infrared light (invisible light) through a video display surface during a period of time in which a picture is being displayed on the screen (203). This allows invisible light to be emitted through a video display section such as a screen together with a displayed image, thereby degrading the image quality of a re-shot picture and rendering use of re-shot image content impossible.

No. of Pages : 79 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9345/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : TERMINATION STRIP FOR A TELECOMMUNICATIONS MODULE, AND AN INSTALLATION METHOD

(51) International classification	:H01R25/14
(31) Priority Document No	:0910192.4
(32) Priority Date	:15/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/US2010/036517
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/147747 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)SZYMANSKI, GUENTHER
5)HAJOK, JOHANN G.

(57) Abstract :

A termination strip (1) for a telecommunications system comprises two opposed rows of contacts (13) along a first side (9) of the strip and two opposed rows of contacts (13) along an opposed second side (10) of the strip, a mounting mechanism (15) at each end of the strip by which the strip can be removably-mounted on a carrier (3) with the contacts on the first side accessible for connecting wires therewith. The termination strip also comprises wire-guiding elements (24,29) on the exterior of the strip shaped to permit wires (30) connected to contacts on the first side to be held at one end, at least, of the strip thereby enabling the strip to be removed from the carrier, rotated about a central axis extending between the ends of the strip, and repositioned on the carrier with the contacts on the second side accessible for connecting wires therewith.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9346/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : ILLUMINATION DEVICE, DISPLAY DEVICE, AND TELEVISION RECEIVER

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-141745
(32) Priority Date	:15/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/052311
Filing Date	:17/02/2010
(87) International Publication No	:WO 2010/146892
	A1
(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)YOKOTA, MASASHI

(57) Abstract :

The backlight unit (49) of a display device (69) having a liquid crystal display panel (59) is provided with a chassis (41), a diffusion plate (43) supported by the chassis, and a light source for irradiating the diffusion plate with light. A reflective sheet (42) for reflecting light towards the diffusion plate is combined with a light-emitting module (MJ), which is a light source. An inclined surface (42a) such that the light emitted from the light-emitting module in the lateral direction is reflected toward the diffusion plate is formed on the peripheral edge of the reflective sheet. The inclined surface is subjected to a reflectance reduction treatment. The reflectance reduction treatment involves forming a plurality of small holes (46A) in the inclined surface, for example.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9349/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : LIGHT EMITTING MODULE, ILLUMINATING DEVICE, DISPLAY DEVICE, AND TELEVISION RECEIVER

(51) International classification	:H01L33/60
(31) Priority Document No	:2009-141744
(32) Priority Date	:15/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/052314
Filing Date	:17/02/2010
(87) International Publication No	:WO 2010/146894
	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)YOKOTA, MASASHI

(57) Abstract :

The backlight unit (49) of a display device (69) having a liquid crystal display panel (59) is provided with a chassis (41), a diffuser plate (43) supported by means of the chassis, and a light source which irradiates the diffuser plate (43) with light. In the light source, a plurality of light emitting modules (MJ), each of which includes an LED (22), a diffusing lens (24) covering the LED, and a built-in reflecting sheet (11) disposed between a mounting substrate (21) and the diffusing lens, are disposed in matrix on the chassis which supports the diffuser plate. The built-in reflecting sheet has a light reflection ratio higher than that of the mounting substrate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9351/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : DISPLAY DEVICE AND DRIVE METHOD FOR DISPLAY DEVICE

(51) International classification	:G09G3/30
(31) Priority Document No	:135286/2009
(32) Priority Date	:04/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/001523
Filing Date	:04/03/2010
(87) International Publication No	:WO 2010/140285
	A1
(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 pixel circuit (6) is driven in an impulse mode in which an organic EL diode (7) emits light only during a selection period, or in a hold mode in which the organic EL diode (7) emits the light not during the selection period but after the selection period. Moreover, the pixel circuit (6) is provided with a programmed current source (II) for lower-side gray scale display and a programmed current source (12) for higher-side gray scale display, the pixel circuit (6) being supplied with a programmed current (I) from the programmed current source (11) when the pixel circuit (6) is driven in the impulse mode, and a programmed current (I') from the programmed current: source (12) when the pixel circuit (6) is driven in the hold mode.

No. of Pages : 68 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9380/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : CONFIGURABLE WIDE TUNING RANGE OSCILLATOR CORE

(51) International classification :H03B5/12
(31) Priority Document No :12/486607
(32) Priority Date :17/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039089
Filing Date :17/06/2010
(87) International Publication No :WO 2010/148257 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MISHRA CHINMAYA

(57) Abstract :

An oscillator includes a resonator, a first and a second p-type transistor, and a first and a second n-type transistor. The resonator has a first terminal and a second terminal. The first p-type transistor is switchably connected to the first terminal while the second p-type transistor is switchably connected to the second terminal. A first drain of the first n-type transistor and the second drain of the second n-type transistor are electrically connected to the first terminal and the second terminal, respectively. The oscillator is capable of operating in an NMOS only mode and in a CMOS mode.

No. of Pages : 26 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9382/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : RECEIVE DIVERSITY IN GNSS RECEIVERS

(51) International classification :G01S19/36
(31) Priority Document No :12/491093
(32) Priority Date :24/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039823
Filing Date :24/06/2010
(87) International Publication No :WO 2010/151670 A1
(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)SIMIC EMILIJA M.
2)ROWITCH DOUGLAS NEAL
3)RAMAN SUNDAR

(57) Abstract :

The subject matter disclosed herein relates to receiving one or more SPS signals at two or more physically separated antennae. In an aspect, signals from the physically separated antennae may be downconverted into complex digital signals that may undergo further processing to improve one or more performance metrics related to position estimation operations, for example.

No. of Pages : 64 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9394/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : DETECTION OF ACID-PRODUCING BACTERIA

(51) International classification :C12Q1/04
(31) Priority Document No :61/187107
(32) Priority Date :15/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038569
Filing Date :15/06/2010
(87) International Publication No :WO 2010/147918 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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5)BJORK, JASON, W.
6)REIF-WENNER, MARA, S.
7)LUBRANT, HENRY, J.

(57) Abstract :

The disclosure provides culture devices and methods useful for detecting acid-producing bacteria in a sample. The devices include a nutrient medium and a pH indicator to detect and differentiate acid-producing microorganisms, such as lactic acid bacteria. Methods of use include detecting or enumerating acid-producing microorganisms. The methods further provide for the detection of gas-producing acid-producing bacteria.

No. of Pages : 63 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9396/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : A LITHOGRAPHIC PRINTING PLATE PRECURSOR

(51) International classification :B41C1/10
(31) Priority Document No :09163076.4
(32) Priority Date :18/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/057760
Filing Date :03/06/2010
(87) International Publication No :WO 2010/145947
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)ANDRE XAVIER
2)MARIAME, PHILIPPE
3)VAN AERT, HUBERTUS

(57) Abstract :

A positive-working lithographic printing plate precursor is disclosed which comprises on a support having a hydrophilic surface or which is provided with a hydrophilic layer a heat and/or light-sensitive coating including an infrared absorbing agent and a compound including a benzoxazine group.

No. of Pages : 71 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9397/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : CONTROLLING AN INVERTER DEVICE OF A HIGH VOLTAGE DC SYSTEM FOR SUPPORTING AN AC SYSTEM

(51) International classification	:H02J3/36
(31) Priority Document No	:09900830-1
(32) Priority Date	:18/06/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/EP2010/058329
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/146024
	A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
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1)FISCHER DE TOLEDO, PAULO

(57) Abstract :

The invention concerns a method of controlling an inverter device, a control device as well as an inverter device and a direct current power transmission system. The direct current power transmission system (10) is provided for connection to an AC voltage bus (13) of an AC power system (14) and comprises the control device (24) and the inverter device (18) that converts between DC power and AC power. The control device (24) receives measurements of the voltage (VAC) at the AC voltage bus (13) and controls the inverter device (18) to provide a constant AC voltage on the bus.

No. of Pages : 58 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9399/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : DEVICE FOR THE CONTROLLED SUPPLY OF A LIQUID TO A MEDICAL FLOW LINE

(51) International classification	:A61M5/14
(31) Priority Document No	:TO2009A000455
(32) Priority Date	:15/06/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/052583
Filing Date	:10/06/2010
(87) International Publication No	:WO 2010/146506
	A4
(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)GUALA, GIANNI

(57) Abstract :

Device for the controlled supply of a liquid within a medical flow line, comprising a retaining body (7) rotatable on an intermediate tubular connector (4) arranged between a tubular inlet connector (2) and a tubular outlet connector (3) of a primary liquid and within which a bottle (F) pierceable and containing a secondary liquid can be fitted. The retaining body (7) comprises a hollow piercing spike (11) , and provided for are rotation blocking means (17, 18) of the retaining body (7) disengageable following insertion of the bottle (F), axial stop means (12, 29) of the inserted bottle (F), and progressive opening means (20, 23) of the flow passage from the hollow spike (11) to the flow line of the primary liquid during the rotation of the retaining body (7) with the bottle (F) inserted therein from a first angular position of complete closure to a second angular position of complete opening. (Figure 1)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9358/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:G02F1/1333
(31) Priority Document No	:2009-144314
(32) Priority Date	:17/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057041
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/146933
	A1
(61) Patent of Addition to 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 display panel to the backlight while securing a wide effective display region. The display device according to the present invention includes an LED 52, an LED board 51 on which the LED 52 is mounted, a liquid crystal panel 11, a first cabinet Ca, a second cabinet Cb, and a reflection sheet 60. The liquid crystal panel 11 is configured to provide display using light from the LED 52. The liquid crystal panel 11 is attached to the first cabinet Ca. The LED board 51 is attached to the second cabinet Cb. The reflection sheet 60 is configured to reflect the light from the LED 52. The first cabinet Ca and the second cabinet Cb are engaged with each other and configured as an outer case that forms an exterior of a liquid crystal display device 10. The reflection sheet 60 is arranged on the inner surface of the second cabinet Cb in a state in which the reflection sheet 60 is supported by the LED board 51.

No. of Pages : 54 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9412/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : FORMULATIONS AND METHODS FOR SOLID CHITOSAN-CONTAINING BLENDS

(51) International classification :A01N 43
(31) Priority Document No :61/187516
(32) Priority Date :16/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039259
Filing Date :18/06/2010
(87) International Publication No :WO 2010/148357 A1
(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)NICHOLS, EVERETT, J.
2)SCOTT, JAMES, R.

(57) Abstract :

Chitosan-containing blends and methods of dissolving and using chitosan are disclosed. A blend includes a solid acid or a solid agent that generates a proton in situ in the presence of water mixed together with a dry solid chitosan, and may optionally contain other components. The blends are in a dry, free-flowing, particulate form. Methods of dissolving a blend typically comprise adding a quantity of the blend to a low volume of water and mixing until the chitosan and solid acid or solid agent are dissolved and then further diluting this mixture by the addition of water, or used as-is. Devices containing the blends are also described along with methods of using the devices, such as for controlled release of solubilized chitosan in a body of water, such as a stream, containing impurities (e.g., particles, sediment, or suspended matter or dissolved substances) to cause flocculation or precipitation of such impurities.

No. of Pages : 39 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9435/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : PRODUCTION METHOD OF IMPELLER APPLIED TO SUPERCHARGER

(51) International classification	:F02B39/00
(31) Priority Document No	:2009-122057
(32) Priority Date	:20/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058528
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/134570
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)INOUE, TOMOHIRO
2)TAKAHASHI, YUKIO
3)MATSUYAMA, YOSHIMITSU

(57) Abstract :

An impeller comprising a wheel portion extending in an axial direction and a plurality of blades arranged around the wheel portion is produced by assembling a mold divisible into a plurality of parts having a cavity adapted for forming an outer profile of the impeller, injecting a kneaded matter including powder of a metal or a ceramic and binder to mold a green body, degreasing and sintering the green body to obtain a sintered body, embedding the sintered body into a die having a cavity adapted for modifying the outer profile of the impeller, and pressurizing the die to modify the outer profile of the impeller.

No. of Pages : 25 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9437/CHENP/2011 A

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MEASURING THE WEIGHT OF IMPURITIES

(51) International classification :G01N33/36
(31) Priority Document No :201010180707.7
(32) Priority Date :06/05/2010
(33) Name of priority country :China
(86) International Application No :PCT/CH2011/000106
Filing Date :05/05/2011
(87) International Publication No :WO 2011/137553 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)LIU, YAZHOU
2)XU, ZIBO
3)YANG, XIAOLI

(57) Abstract :

The present invention discloses an apparatus for measuring the weight of impurities (11) in a cotton sample, with a double-taker-in-roll mechanism. The apparatus includes the following components: an air current channel, a fiber feeding device (1, 2) located at the front end of the air current channel; a primary taker-in cylinder (5) located behind the fiber feeding construction; a stationary stripping device (3.1, 3.2) located near the surface of the primary taker-in cylinder (5); a secondary taker-in cylinder (6) adjacent to the surface of the primary taker-in cylinder (5) and located behind the primary taker-in cylinder (5); an impurity collecting apparatus located below the primary taker-in cylinder (5) and the secondary taker-in cylinder (6); and an impurity measurement apparatus connected with the impurity collecting apparatus. After double impurity removal with the primary taker-in cylinder (5) and the secondary taker-in cylinder (6), the impurities (11) are removed from the cotton sample more completely compared with the prior single taker-in cylinder structure, making the impurity measurement value more accurate. (Figure 1)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9400/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : ILLUMINATION DEVICE, DISPLAY DEVICE, AND TELEVISION RECEIVER

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-141741
(32) Priority Date	:15/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/052312
Filing Date	:17/02/2010
(87) International Publication No	:WO 2010/146893
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)YAKOTA, MASASHI

(57) Abstract :

A backlight unit (49) of a display device (69) having a liquid crystal display panel (59) is provided with a chassis (41), a diffusion plate (43) supported by the chassis, and a light source which irradiates the diffusion plate with light. The light source is constructed by combining a plurality of mounting substrates (21) provided with an LED (22) which serves as the light-emitting element and a diffusion lens (24) for covering the LED. Connectors (25A) are mounted on matching edges of the plurality of mounting substrates to electrically connect the substrates. The connectors are placed so as not to interfere with the illumination light region in which the LED imparts brightness to the diffusion plate. In order to achieve this state of non-interference, a beveled part (26) is formed on the side of the connectors facing the LED.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9404/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : PREDETERMINED DUTY CYCLE SIGNAL GENERATOR

(51) International classification	:H03K5/156
(31) Priority Document No	:61/220831
(32) Priority Date	:26/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040249
Filing Date	:28/06/2010
(87) International Publication No	:WO 2010/151891 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)BARNETT KENNETH CHARLES

(57) Abstract :

Techniques for generating a signal having a predetermined duty cycle. In an exemplary embodiment, a first counter is configured to count a first number of cycles of an oscillator signal, and a second counter is configured to count a second number of cycles of the oscillator signal, with the second number being greater than the first number. The output of the second counter is used to reset the first and second counters, while the outputs of the first and second counters further drive a toggle latch for generating the signal having predetermined duty cycle. Further aspects include techniques for accommodating odd and even values for the second number.

No. of Pages : 34 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9407/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : SOFTWARE UPDATING SYSTEM, DISPLAY UNIT AND SOFTWARE UPDATING METHOD

(51) International classification :G06F11/00
(31) Priority Document No :2009-137263
(32) Priority Date :08/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059357
Filing Date :02/06/2010
(87) International Publication No :WO 2010/143575
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHIMIZU, YOSHIYUKI
3)ASAKA, HIROYUKI
4)ARAMAKI, HIROSHI
5)MIZUNO, KYOHJI

(57) Abstract :

In a system where a plurality of electronic devices are connected via digital audio transmission lines based on the S/PDIF standard or the like, quick and easy update of software is made possible even if the electronic devices are not provided with a broadcast reception function, a network connection function and the like. A TV (1) is connected to an AV amplifier (2) via an S/PDIF line (3) . The TV (1) is provided with: a tuner (11) that acquires update data used for updating software in the AV amplifier (2) ; and a S/PDIF terminal (19) that transmits the thus acquired update data to the AV amplifier (2) via the S/PDIF line (3) . The AV amplifier (2) is provided with a controller (21) that updates the software in the AV amplifier (2) with the update data transmitted by the TV (1).

No. of Pages : 69 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9408/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : VALUE DOCUMENT ANTI-TAMPERING DEVICE AND RELATING SECURITY SUPPORT

(51) International classification :B42D15/10
(31) Priority Document No :MI2009A000931
(32) Priority Date :27/05/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/IT2010/000211
Filing Date :13/05/2010
(87) International Publication No :WO 2010/137049
A1
(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)RADICE, DINO

(57) Abstract :

To a known multi-layered anti-counterfeit device, comprising a carrier layer (1), a detaching lacquer layer (a), an anti-scratch lacquer layer (b), a lacquer layer (c) resistant to chemical attacks, a lacquer layer (d) permitting the embossing, on or metalized reflecting layers (e) one or more barrier layers (g) made of resistant lacquers, an adhesive layer (h) and a substrate (2) for applying said anti-counterfeit device, according to the invention, the layer (d) of the continuous or discontinuous type, has embossed holographic areas in zone alternating with non holographic areas; under said layer (d) one or more layers (f) are provided, bearing prints or graphisms arranged between reflecting layers (e) provided under the layer (d) and placed only in correspondence with non-diffractive areas, the barrier layer being located under the metalized layers (e) and a transparent area is formed between the diffractive areas (d). Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9439/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : FLUORINATED KETONES AS HIGH-VOLTAGE INSULATING MEDIUM

(51) International classification	:H02B13/055
(31) Priority Document No	:102009025204.5
(32) Priority Date	:17/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/058317
Filing Date	:14/06/2010
(87) International Publication No	:WO 2010/146022
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)GLASMACHER, PETER

(57) Abstract :

The invention concerns a switching device (200) for medium, high, or extremely high voltage, wherein at least one voltaged component (100, 202, 203, 400) of the switching device is enclosed in an enclosure (201, 206) and the enclosure (201, 206) is filled with a filling medium (204). The filling medium (204) comprises at least one compound from the group of fluorinated ketones, or consists of the same. Fig. 2

No. of Pages : 34 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9460/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD FOR PRODUCING 2-SUBSTITUTED TETRAHYDROPYRANOLS

(51) International classification :C07D309/12
(31) Priority Document No :09160665.7
(32) Priority Date :19/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/056403
Filing Date :11/05/2010
(87) International Publication No :WO 2010/133473
A1
(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)EBEL, KLAUS
4)GRIESBACH, ULRICH
5)BOTZEM, JORG

(57) Abstract :

The present invention relates to a process for the preparation of 2-substituted 4-hydroxy-4-methyltetrahydropyrans by reacting 3-methylbut-3-en-1-ol (isoprenol) with the corresponding aldehydes in the presence of a strongly acidic cation exchanger. Specifically, the present invention relates to a corresponding process for the preparation of 2-isobutyl-4-hydroxy-4-methyltetrahydropyran by reacting isoprenol with isovaleraldehyde.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9462/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : MOVABLE DEVICE FOR INJECTING OXYGEN AND OTHER MATERIALS INTO ELECTRIC ARC FURNACE

(51) International classification	:C21C5/52
(31) Priority Document No	:MI2009A 001069
(32) Priority Date	:17/06/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/003748
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/145845
	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)REALI, SILVIO

2)CAVALLINI, GIANCARLO

3)GRIONI, MAURO

(57) Abstract :

A movable device for injecting oxygen and other technical materials into an electric arc furnace comprising a housing (16) situated above a portion of a step (13) of a crucible (11) and equipped with a cooling coil (15), an injection lance (20) of oxygen and other technical materials, supporting (23, 26) and moving means (21, 22, 24) of the lance between minimum and maximum range points of the liquid bath level contained therein, positioned in the housing (16), an opening (27) situated in the housing and facing the inside of the crucible in which the lance is transferably guided, scraping means (28) envisaged between the opening (27) and the lance (20).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9463/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : DEVICE FOR PROTECTING THE FOOT OF A VEHICLE DRIVER IN THE EVENT OF FRONTAL IMPACT

(51) International classification	:B60N3/06
(31) Priority Document No	:0954036
(32) Priority Date	:16/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051050
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/146271
	A1
(61) Patent of Addition 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 invention relates to a device for protecting the feet of a driver and to be installed on the fire wall (7) of an automobile, wherein said device comprises a base (2) with a first step (3) on top in the X'X axis direction, the first step (3) defining a footrest and including a riser of first riser (30), the device being characterized in that the first riser (30) and the base (2) define a housing (20) adapted for receiving at least one pad of a pedal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9464/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : VISUAL WEIGHT COMPENSATION

(51) International classification	:G01N33/36
(31) Priority Document No	:12/744,763
(32) Priority Date	:06/05/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CH2011/000105
Filing Date	:05/05/2011
(87) International Publication No	:WO 2011/137552 A1
(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)GHORASHI, HOSSEIN, M.

(57) Abstract :

The invention relates to a method for determining a corrected weight of a mixed volume, e.g., of trash and cotton fiber. A total weight of the mixed volume is gravimetrically measured (102). An image of the mixed volume is created (104). At least one selected component within the image of the mixed volume is detected (106). A component weight of the at least one selected component is estimated (108) from the image of the mixed volume. The component weight is subtracted (110) from the total weight to yield the corrected weight. (Figure 1)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9465/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MEASURING THE WEIGHT OF IMPURITIES

(51) International classification :G01N33/36
(31) Priority Document No :201010180707.7
(32) Priority Date :06/05/2010
(33) Name of priority country :China
(86) International Application No :PCT/CH2011/000107
Filing Date :05/05/2011
(87) International Publication No :WO 2011/137554 A1
(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)XU, ZIBO
7)YANG, XIAOLI

(57) Abstract :

In the method for measuring the weight of impurities in a mixed volume of fibers and impurities the impurities are mechanically separated (101) from the fibers, whereupon some undesired fibers still remain admixed to the impurities due to imperfections of the mechanical separation (101). A total weight of the separated impurities and the undesired fibers is gravimetrically measured (102). An image of the separated impurities and the undesired fibers is created (103). A weight of the undesired fibers is estimated (105) from the image. The estimated weight of the undesired fibers is subtracted (106) from the total weight to yield a corrected weight of the impurities. The mechanical separation and the subsequent electronic correction yield a more accurate weight of the impurities. (Figure 5)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9440/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : HYDROPHOBICALLY ASSOCIATING COPOLYMERS

(51) International classification :C08F220/34
(31) Priority Document No :09160799.4
(32) Priority Date :20/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/056685
Filing Date :17/05/2010
(87) International Publication No :WO 2010/133527
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 :

Water-soluble, hydrophobically associating copolymers which comprise new types of hydrophobically associating monomers. The monomers comprise an ethylenically unsaturated group and a polyether group with block structure comprising a hydrophilic polyalkylene oxide block which consists essentially of ethylene oxide groups, and a terminal, hydrophobic polyalkylene oxide block which consists of alkylene oxides with at least 4, preferably at least 5 carbon atoms.

No. of Pages : 66 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9445/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : MERCURY REDUCTION SYSTEM AND MERCURY REDUCTION METHOD OF FLUE GAS CONTAINING MERCURY

(51) International classification	:B01D53/86
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/061027
Filing Date	:17/06/2009
(87) International Publication No	:WO 2010/146670
	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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5)KAGAWA SEIJI

(57) Abstract :

A mercury reduction system 10A according to the present embodiment is a mercury reduction system that reduces NO_x and Hg in flue gas 12 discharged from a boiler 11, and includes an NH₄Cl supplying unit 15A that sprays an NH₄Cl solution 14 into a flue 13 of the boiler 11, a reduction denitration apparatus 16 that includes a denitration catalyst for reducing NO_x in the flue gas 12 with NH₃ and oxidizing Hg in the presence of HCl, and a wet desulfurization apparatus 20 for reducing Hg oxidized in the reduction denitration apparatus 16 with limestone-gypsum slurry 19. The NH₄Cl supplying unit 15A includes an NH₄Cl solution feed pipe 33 that supplies the NH₄Cl solution 14 into the flue 13 in a liquid state, a blow pipe that is inserted into the flue 13 so as to surround the NH₄Cl solution feed pipe 33 and through which air 34 is injected into the flue 13, and a two-fluid nozzle 37 that is fitted to an end of the NH₄Cl solution feed pipe 33 and through which the NH₄Cl solution 14 is injected. Through the two-fluid nozzle 37, the NH₄Cl solution 14 is injected and sprayed in fine liquid droplets.

No. of Pages : 58 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9479/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : TEMPERATURE CONTROL MEDIUM

(51) International classification :C09K5/10
(31) Priority Document No :102009029758.8
(32) Priority Date :18/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/003683
Filing Date :18/06/2010
(87) International Publication No :WO 2010/145833
A1
(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)HEUER, DIRK
4)KIPPELSBERGER, CHRISTIAN

(57) Abstract :

The invention relates to a temperature control medium, comprising a liquid and solid particle, wherein the solid particles contain carbon particles. The amount of carbon in the temperature control medium is preferably less than 20% by weight. The carbon particles may contain synthetic graphite, natural graphite, soot, carbon fibers, graphite fibres or expanded graphite or a mixture of at least two of said elements.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9480/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : JITTER REDUCTION METHOD AND APPARATUS FOR DISTRIBUTED SYNCHRONISED CLOCK ARCHITECTURE

(51) International classification	:G06F1/12
(31) Priority Document No	:61/179,904
(32) Priority Date	:20/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2010/000604
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/132943 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KOUZNETSOV, ALEX

(57) Abstract :

A method of reducing jitter in a local clock of a synchronized USB device attached to a USB Hub, the USB Hub having a local clock and repeater circuitry, comprising: observing a USU data stream with the USB Hub, the data stream having a data stream bit rate; the USB Hub decoding a periodic signal structure in the USB data stream; the USB Hub generating an event signal in response to decoding of the periodic signal structure; and the USI3 Hub locking a frequency of the local clock of the USB Hub to the periodic event signal. The local clock of the USB Hub is adapted to be a clocking source for the repeater circuitry of the USB Hub at substantially an integer multiple of a frequency of the data stream bit rate.

No. of Pages : 31 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9483/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : MERCURY REDUCTION SYSTEM AND MERCURY REDUCTION METHOD OF FLUE GAS CONTAINING MERCURY

(51) International classification :B01D53/86

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2009/061028
Filing Date :17/06/2009

(87) International Publication No :WO 2010/146671
A1

(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)KAGAWA SEIJI

(57) Abstract :

A mercury reduction system 10A according to the present embodiment is a mercury reduction system that reduces NO_x and Hg in flue gas 12 discharged from a boiler 11, and includes a chemical supplying unit 19A that mixes an NH₄Cl solution 14, an NH₃ solution 15, and an HCl solution 16 in liquid states, and supplies a mixed solution 17 into a flue 18 provided downstream of the boiler 11, a reduction denitration apparatus 20 that includes a denitration catalyst reducing NO_x in the flue gas 12 with NH₃ and oxidizing Hg in the presence of HCl, and a wet desulfurization apparatus 25 that reduces Hg oxidized in the reduction denitration apparatus 20 with limestone-gypsum slurry 24.

No. of Pages : 61 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9466/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYNCHRONOUS NETWORK OF SUPRESPEED AND NON-SUPERSPEED USB DEVICES

(51) International classification :G06F1/12
(31) Priority Document No :61/179,904
(32) Priority Date :20/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2010/000605
Filing Date :20/05/2010
(87) International Publication No :WO 2010/132944 A1
(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)FOSTER, PETER GRAHAM

(57) Abstract :

A method of synchronising the operation of a plurality of SuperSpeed USB devices and a plurality of non-SuperSpeed USB devices, comprising:establishing a SuperSpeed synchronisation channel for each of said plurality of SuperSpeed USB devices; establishing a non-SuperSpeed synchronisation channel for each of said plurality of non-SuperSpeed USB devices;synchronising a respective local clock of each of said plurality of SuperSpeed USB devices; synchronising a respective local clock of each of said plurality of non-SuperSpeed USB devices; and synchronising said SuperSpeed and non-SuperSpeed synchronisation channels so that said SuperSpeed and non-SuperSpeed devices can operate in synchrony.

No. of Pages : 50 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9467/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : DEBONDABLE ADHESIVE ARTICLE

(51) International classification	:B29C61/06
(31) Priority Document No	:61/187,497
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037953
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/147822 A1
(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)RULE, JOSEPH, D.

2)LEWANDOWSKI, KEVIN, M.

3)DETERMAN, MICHAEL D.

(57) Abstract :

An adhesive article is described that is debondable from substrates or adherends with the application of heat.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9471/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEM AND METHOD OF RECEIVING ANALYZING AND EDITING AUDIO TO CREATE MUSICAL COMPOSITIONS

(51) International classification :G10H7/00
(31) Priority Document No :61/182982
(32) Priority Date :01/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/036951
Filing Date :01/06/2010
(87) International Publication No :WO 2010/141504 A1
(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)RASSOOL, REZA
5)WINTER, MICHAEL

(57) Abstract :

An apparatus for creating a musical composition is disclosed. The apparatus includes an audio interface that operably receives audio from an input device and outputs audio to an audio output device, and an audio converter module is operably connected to the audio interface to convert audio received via the audio interface into an audio track. A recording session module may be provided to repeatedly playback a live loop that includes at least a portion of a first audio track, and to add at least a portion of a second audio track to the live loop during repeated playback. A multi-track compositor module may also be configured to receive a first audio track and a second audio track, automatically score each partition of the first and second audio tracks, and construct a third audio track based on the scores for each partition. FIG.1A

No. of Pages : 121 No. of Claims : 78

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9473/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PREPARING A MOTHER PLATE OF A PERMANENT CATHODE FOR AN ELECTROLYTIC PROCESS

(51) International classification	:C25C7/06
(31) Priority Document No	:20095740
(32) Priority Date	:30/06/2009
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2010/050563
Filing Date	:30/06/2010
(87) International Publication No	:WO 2011/001032
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

The invention relates to a method and an apparatus for preparing a mother plate (1) of a permanent cathode (2) to be used in a process for electrolytic recovery of metal such as metal electrowinning or metal electro winning. The apparatus comprises a holding means (8) for releasably holding the permanent cathode (2), a measurement means (4) for measuring a shape of the mother plate (1) to obtain measurement data, a calculating means functionally connected with the measurement means (4) and configured for calculating geometric deviation of the mother plate (1) in comparison to a predefined reference shape by using said measurement data measured by said measurement means (4), and a pressing means (3) functionally connected with the calculating means and configured for automatically locally pressing the mother plate (1) in accordance with the calculated geometric deviation of the mother plate (1) to plastically deform the mother plate (1).

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9474/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : AWNING MEMBER MOLDED ARTICLE AND AWNING

(51) International classification :E04F10/08
(31) Priority Document No :2009-145179
(32) Priority Date :18/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/060161
Filing Date :16/06/2010
(87) International Publication No :WO 2010/147128
A1
(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)KANEKO, MIKIO

(57) Abstract :

Provided is an awning-member molded article which can be easily fabricated and have an excellent strength, and an awning formed from a plurality of such awning-member molded articles. When an awning-member molded article 1 is viewed from its bottom surface, a small-triangular plate portion 12b bent toward a bottom surface of a second dihedron 12 and a small-triangular plate portion 13a bent toward a bottom surface of a third dihedron 13 have a predetermined thickness, at their portions abutted against each other (the portions indicated by an arrow P), so that the second dihedron 12 and the third dihedron 13 in each of basic elements 2, 3, 4, and 5 are coupled to each other. Further, a middle-triangular plate portion 3b bent toward the bottom surface of the second basic element 3 and a middle-triangular plate portion 4a bent toward the bottom surface of the third basic element 4 are provided with a predetermined thickness, at their portions abutted against each other (the portions indicated by an arrow Q), so that the second basic element 3 and the third basic element 4 are coupled to each other.

No. of Pages : 87 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9486/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SEMICONDUCTOR CHIP AND MOUNTING STRUCTURE OF THE SAME

(51) International classification :H01L21/60
(31) Priority Document No :2009-142950
(32) Priority Date :16/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/051415
Filing Date :02/02/2010
(87) International Publication No :WO 2010/146884
A1
(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)MATSUI, TAKASHI
4)HORIGUCHI, TAKESHI

(57) Abstract :

Provided is a semiconductor chip having a narrowed pitch between terminals, the chip being capable of suppressing occurrence of poor connection between the chip and a substrate on which the chip is mounted. In an LSI chip (10) including an input bump group (110) , which is composed of a plurality of input bumps (11) aligned in a line along one long side of its bottom surface, and an output bump group (12 0), which is composed of a plurality of output bumps (12) arranged in a staggered manner along the ether long side of the bottom surface, a dummy bump group (130) is provided in an area between an area where the input bump group (110) is provided and an area where the output bump group (12 0) is provided, the dummy bump group (130) including a plurality of rectangular dummy bumps (bumps without a function of electrical connection) (13) which have long side extending along a direction perpendicular to the long sides of the bottom surface.

No. of Pages : 57 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9488/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : THERMOELECTRIC ENERGY STORAGE SYSTEM WITH AN INTERMEDIATE STORAGE TANK AND METHOD FOR STORING THERMOELECTRIC ENERGY

(51) International classification	:F01K3/12
(31) Priority Document No	:09163084.8
(32) Priority Date	:18/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057946
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/145963
	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)KAUFMANN, LILIAN
3)MERCANGOEZ, MEHMET

(57) Abstract :

A system and method for storing electric energy in the form of thermal energy is described. A thermoelectric energy storage system comprises a working fluid circuit for circulating a working fluid through a heat exchanger (16) and a thermal storage medium circuit for circulating a thermal storage medium, the thermal storage medium circuit having at least one hot storage tank (24), one intermediate temperature storage tank (22) and one cold storage tank (20) connected together via the heat exchanger (16). A proportion of the storage medium is redirected to or from the intermediate storage tank from or to the hot or cold storage tank, joining another proportion which flows directly between the cold and hot storage tank. Figure 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9491/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : TESTING FOR REGULAR SETPOINT VALUE DEVIATIONS OF A PARAMETER IN AN ELONGATE TEXTILE TEST OBJECT

(51) International classification :G01N33/36
(31) Priority Document No :622/10
(32) Priority Date :28/04/2010
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH2011/000056
Filing Date :18/03/2011
(87) International Publication No :WO 2010/134091 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHMID, PETER

(57) Abstract :

Measured values of a property of a textile test material are detected along the longitudinal direction of the textile test material in the method for analyzing regular events in an elongated textile test material. The values of a parameter of the textile test material are determined from the measured values. At least two different connected point sets (71, 72) of events in the test material are defined in an event field (6). Sets of events are formed in that events determined in the test material are assigned according to their parameter values to one of the point sets. Events with parameter values deviating from a setpoint value are analyzed statistically with respect to regular occurrence along the longitudinal direction. The analysis occurs separately in each of the sets (71, 72). As a result, regular yarn events can be evaluated and determined in a more differentiated manner than in the state of the art. (Figure2)

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.9493/CHENP/2011 A

(43) Publication Date : 29/03/2013

(54) Title of the invention : AIRBAG DEVICE

(51) International classification	:B60R21/205
(31) Priority Document No	:2009-148858
(32) Priority Date	:23/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058475
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/150603
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)NARITA, MASARU

(57) Abstract :

The present invention provides an airbag device that enables stable airbag deployment, without a significant increase in cost, and a housing for use therein. The airbag device for a front passenger seat mounted inside an instrument panel, includes an airbag that is accommodated in an inflatable and deployable state, a housing that accommodates the airbag, and a gas generator that is fixed to the housing and that supplies an inflating gas to the airbag. The housing includes a first member that is molded in a frame-like shape having opened top and bottom surfaces and that has the gas generator fixed thereto and a second member that is connected to the first member and that holds the airbag at least below the bottom surface of the first member. The gas generator is disposed so as to be offset to the vicinity of the side surface of the first member.

No. of Pages : 23 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9475/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : MULTILAYER BODY

(51) International classification	:B29C45/14
(31) Priority Document No	:102009031478.4
(32) Priority Date	:01/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/003695
Filing Date	:18/06/2010
(87) International Publication No	:WO 2011/000485
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)JUNGSMANN, GERT
3)ATTNER JURI

(57) Abstract :

The invention relates to a multilayer body (100) for producing a decorated plastic article (50) having a surface relief (40). The multilayer body (100) comprises a relief film (i) with a first carrier film (2) and a structural layer (3), arranged on one side of the first carrier film (2). The multilayer body (100) also comprises a multilayer film (5) with a second carrier film (10) and at least one decorative layer (12, 14). The structural layer (3) is arranged here between the first carrier film (2) and the second carrier film (10). Furthermore, the multilayer body (100) has a film body (19) which comprises the relief film (1) and can be released from the at least one decorative layer (12, 14), and the at least one decorative layer (12, 14) is formed such that it can be deformed by the structural layer (3) formed as a stamped structure. The invention also relates to a process for producing such a multilayer body (100), and to two processes for producing a decorated plastic article (50) having a surface relief (40) by using such a multilayer body (100). Figure 2c

No. of Pages : 77 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9477/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD OF PRODUCING A YOGHURT-BASED PRODUCT

(51) International classification	:A23C9/127
(31) Priority Document No	:0900826-9
(32) Priority Date	:18/06/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/000139
Filing Date	:24/05/2010
(87) International Publication No	:WO 2010/147530
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)NILSSON, LARS-EBBE

(57) Abstract :

The invention relates to a method of producing a yoghurt-based product. The milk raw material is pre-treated normally by pasteurization, de-aeration, homogenization and possible dry matter adjustment. A stabilizer and possible flavourings are also added. A first bacteria culture is added to the milk raw material and the milk raw material is held at a temperature of 37-45°C time. Therefore, a second bacteria culture is added to the heat treated, yoghurt-based product. The second bacteria culture must be of the type which is not active below a give pH. The finished product is packed aseptically.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9530/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND DEVICE FOR BROWSING PICTURES

(51) International classification :G06F17/30
(31) Priority Document No :200910090444.8
(32) Priority Date :11/08/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074536
Filing Date :25/06/2010
(87) International Publication No :WO 2011/017985 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ZENG, JIAN
2)LIU, YANG
3)WU, HAO
4)CHEN, SHAN

(57) Abstract :

The examples of the present invention provide a method and device for browsing pictures, which are applied to the network communication field. The method includes: after a user clicks a picture, checking whether a system has sent a loading request to a url corresponding to the picture; displaying the picture to the user if the system has sent the loading request to the url corresponding to the picture; otherwise, sending the loading request to the url corresponding to the picture, and displaying the picture to the user. By the method and device, repeated loading processing can be avoided and bandwidth resources can be saved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9542/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : SHIELDED ELECTRICAL CABLE

(51) International classification	:H01B11/10
(31) Priority Document No	:61/218,739
(32) Priority Date	:19/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038939
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/148164 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)GUNDEL, DOUGLAS B.

(57) Abstract :

A shielded electrical cable includes a conductor set and two generally parallel shielding films disposed around the conductor set. The conductor set includes one or more substantially parallel longitudinal insulated conductors. The shielding films include a parallel portion wherein the shielding films are substantially parallel. The parallel portion is configured to electrically isolate the conductor set.
Fig: 1

No. of Pages : 69 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9548/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : ADHESION-PROMOTING SYSTEM FOR RUBBER GOODS

(51) International classification :C08G12/20

(31) Priority Document No :09160882.8

(32) Priority Date :21/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/056866

Filing Date :19/05/2010

(87) International Publication No :WO 2010/133622

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, RALPH

2)ZIEGLER, PETER

(57) Abstract :

The invention relates a mixture of a urethane-aldehyde resin UA prepared by condensation of an aldehyde A1 and an alkyl urethane U, and of a novolak PA, to a process for the preparation of the said mixture, and a method of use thereof as adhesion promoter in rubber goods.

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9523/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : LIGHT SOURCE DEVICE AND DISPLAY DEVICE

(51) International classification :F21S2/00
(31) Priority Document No :2009-124143
(32) Priority Date :22/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/056810
Filing Date :16/04/2003
(87) International Publication No :WO 2010/134407
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FUJITA, TOSHIYUKI

3)SUGAHARA, TATSUO

4)KAWAMURA, YUUKI

5)YAHATA, MAMORU

6)TAKAHASHI, HIROSHI

7)ITO, KEITA

8)TOSHIYUKI, KENZO

9)ITO, KENICHIRO

10)NAKAMICHI, KAZUKI

11)SASAKI, TOMOO

12)MORIBE, KENTA

(57) Abstract :

Provided are a light source device which can prevent a stress from being generated on each of circuit boards connected through a connector, the connector and the like when the circuit boards are fixed to a support body through a fixture, and a display device. There are provided a plurality of circuit boards 2 having a light-emitting element 1 mounted on a one surface 2a and disposed apart from each other with a planar direction aligned, a support body 6 positioned on the other surface side of the circuit boards 2 for supporting the circuit boards, and a connector 5 for electrically connecting the adjacent circuit boards 2 to each other. Inserting holes 2c and 2d for inserting a fixture 8 for fixing the circuit boards 2 to the support body 6 are formed on the circuit boards 2 apart from each other, and a dimension of the inserting hole 2c is smaller than that of the other inserting hole 2d.

No. of Pages : 438 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2011

(21) Application No.9524/CHENP/2011 A

(43) Publication Date : 29/03/2013

(54) Title of the invention : COPOLYAMIDES

(51) International classification :C08G69/36
(31) Priority Document No :10 2009 025 537.0
(32) Priority Date :19/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/058392
Filing Date :15/06/2010
(87) International Publication No :WO 2010/146054
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)SCHMIDT, CHRISTIAN

2)EL-TOUFAILI, FAISSAL-ALI

3)DESBOIS, PHILIPPE

4)FERNANDEZ RODILES, RAQUEL

(57) Abstract :

What are described are a solution comprising a terpolymer formed from the monomers of components A, B and C, the total amount of which adds up to 100% by weight, a) 5 to 60% by weight of lactams as component A, b) 5 to 60% by weight of equimolar amounts of adipic acid and one or more aliphatic diamines as component B, c) 10 to 70% by weight of equimolar amounts of adipic acid and 4,4'-diaminodicyclohexylmethane (dicycan) as component C, in an aromatics-free solvent system comprising 50 to 100% by weight of C1-4-alkanol, 0 to 50% by weight of water and not more than 10% by weight of further aromatics-free solvents, where the total amount of the solvent system adds up to 100% by weight, and a terpolymer formed from the monomers of components A, B and C, the total amount of which adds up to 100% by weight, a) 15 to 40% by weight of lactams as component A, b) 20 to 45% by weight of equimolar amounts of adipic acid and one or more aliphatic diamines as component B, c) 25 to 60% by weight of equimolar amounts of adipic acid and 4,4'-diaminodicyclohexylmethane (dicycan) as component C, excluding terpolymers formed from 30 to 40% by weight of component A, 30 to 40% by weight of component B and 30 to 40% by weight of component C.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9525/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : CYCLOHEXENE 1,4-CARBOXYLATES

(51) International classification :C07C51/353
(31) Priority Document No :61/187,444
(32) Priority Date :16/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038783
Filing Date :16/06/2010
(87) International Publication No :WO 2010/148063 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)FROST, JOHN, W.
2)MIERMONT, ADELINE
3)SCHWEITZER, DIRK
4)BUI, VU

(57) Abstract :

The present invention relates to cyclohexene having carboxylate derivatives at the 1 and 4, and optionally the 2, position. The invention also relates to processes for preparing such compounds wherein a portion of the starting materials utilized is derived from renewable resources.

No. of Pages : 74 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9528/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : PRODUCTION METHOD OF HALOGEN-SUBSTITUTED PHTHALIDE

(51) International classification	:C07D307/88
(31) Priority Document No	:2009-122909
(32) Priority Date	:21/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058858
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/134630
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SUMITOMO CHEMICAL COMPANY, LIMITED

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(72)Name of Inventor :

1)HAGIYA, KOJI

2)AOYAGI, YASUTAKA

(57) Abstract :

Disclosed is a method for producing a halogen-substituted phthalide, which includes a reaction step of reacting a halogen-substituted phthalic anhydride with sodium borohydride.

No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9597/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : COMPRESSION LIMITER HAVING RETENTION FEATURES

(51) International classification :F16B39/00
(31) Priority Document No :61/227,992
(32) Priority Date :23/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042843
Filing Date :22/07/2010
(87) International Publication No :WO 2011/011569 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)TAYLOR, ALAN
2)COOPER, DONALD, D.

(57) Abstract :

A compression limiter is disclosed that comprises an upper surface and a lower surface. The compression limiter further comprises an inner surface that defines a passageway configured to accomodate a fastener and an outer surface configured to engage a structure in which the compression limiter is placed. A first retainer projects outwardly from the outer surface and includes a first retention surface that has at least a planar portion. The first re miner further includes an undercut surface disposed inwardly from the first retention surface so as to create a corner extending in a direction with at least a component perpendicular to the longitudinal direction. A method of forming the compression limiter is also disclosed.

No. of Pages : 31 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9549/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : ELECTRICAL OUTLET WITH LATERAL CONNECTION

(51) International classification	:H01R13/44
(31) Priority Document No	:12/469,701
(32) Priority Date	:21/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/050267
Filing Date	:21/01/2010
(87) International Publication No	:WO 2010/133977
	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)FILIBA, YAAKOV

(57) Abstract :

A safety electrical outlet includes a socket body containing at least two electrical contacts, a pivotally mounted socket cap with at least two apertures and a safety mechanism that holds the socket cap in a first position where the apertures are not aligned with the electrical contacts. The socket cap is released when plug prongs are inserted, allowing the socket cap to be rotated so that the prongs can engage the contacts in the second position.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9552/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : SHIELDED ELECTRICAL CABLE AND METHOD OF MAKING

(51) International classification	:H01B11/10
(31) Priority Document No	:61/218,739
(32) Priority Date	:19/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038924
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/148157 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)GUNDEL, DOUGLAS B.

(57) Abstract :

A shielded electrical cable comprises a conductor set including one or more substantially parallel longitudinal insulated conductors, two generally parallel shielding films disposed around the conductor set, and a conformable adhesive layer disposed between the shielding films and bonding the shielding films to each other on both sides of the conductor set. The shielded electrical cable may further include at least one ground conductor. A method of making a shielded electrical cable includes providing a conductor set including one or more substantially parallel longitudinal insulated conductors, forming two generally parallel shielding films around the conductor set, and bonding the shielding films to each other on both sides of the conductor set. Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9601/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : LUMINANCE CONTROL DEVICE, DISPLAY APPARATUS USING THE SAME, LUMINANCE CONTROL METHOD AND LUMINANCE CONTROL PROGRAM

(51) International classification	:G09G3/36
(31) Priority Document No	:2009-124525
(32) Priority Date	:22/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058638
Filing Date	:21/05/2010
(87) International Publication No	:WO 2010/134600
	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)KOYAMA, DAISUKE

2)MAMBA, OSAMU

(57) Abstract :

Power consumption is cut down by reducing backlight light source luminance in accordance with the variability of luminance of the picture displayed on a display panel. A picture luminance detector 31 calculates information (luminance information) representing luminance of the picture at intervals of a time unit. A picture luminance storage 32 is a memory capable of storing the past records of luminance information within a fixed period of time (some seconds to some ten seconds). A processor 33 is configured of a variation detector 34 and a light source luminance determiner 35. Variation detector 34 performs detection of the variability of picture luminance based on the luminance information on the current picture detected by picture luminance detector 31 and the past records of picture luminance information stored in picture luminance storage 32 to output variation information. Light source luminance determiner 35 determines light source luminance based on the luminance information on the current picture detected by picture luminance detector 31 and the variation information output from variation detector 34 and outputs a light source information control signal.

No. of Pages : 60 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9605/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : TUNABLE ADAPTIVE FILTER WITH VARIABLE GAIN TRANS-CONDUCTANCE STAGE

(51) International classification	:H03H11/12
(31) Priority Document No	:61/219730
(32) Priority Date	:23/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039698
Filing Date	:23/06/2010
(87) International Publication No	:WO 2011/005588 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)MAHIM RANJAN

(57) Abstract :

In an exemplary embodiment, the communication device including an analog filter, where a digital signal processor sets the gain of the analog filter and the pole location of the filter simultaneously in order to maintain the filter pole location at a desired value or within a desired range. In further exemplary embodiments, the methodology to simultaneously set the gain and the pole location of the filters.

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

(54) Title of the invention : EVALUATION DEVICE, MEASURING ARRANGEMENT AND METHOD FOR PATH LENGTH MEASUREMENT AND MEASURING SYSTEM AND METHOD FOR A COORDINATE MEASURING DEVICE AND COORDINATE MEASURING DEVICE

(51) International classification	:G01S17/36	(71)Name of Applicant :
(31) Priority Document No	:102009024464.6	1)CARL ZEISS AG
(32) Priority Date	:10/06/2009	Address of Applicant :CARL-SEISS-STR. 22, 73447
(33) Name of priority country	:Germany	OBERKOCHEN Germany
(86) International Application No	:PCT/EP2010/058138	(72)Name of Inventor :
Filing Date	:10/06/2010	1)CRISTINA ALVAREZ DIEZ
(87) International Publication No	:WO 2010/142757	2)FRANK HOLLER
	A1	3)BREND SPRUCK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An evaluation device (51) for path length measurement is configured to evaluate a measured signal (15) which represents an intensity of a sequence of pulses of electromagnetic radiation, in particular of a sequence of light pulses, as a function of time, after the sequence has traveled through a path length to be measured (12, 13). The sequence of light pulses is generated with a repetition rate by a radiation source, in particular by a light source (2). The evaluation device (51) is configured to evaluate a first component (73) of the measured signal (15), which first component oscillates with a first frequency, and a second component (75) of the measured signal (15), which second component oscillates with a second frequency that is greater than the first frequency. The first frequency may correspond to the repetition rate or a multiple of the repetition rate. The second frequency may correspond to another multiple of the repetition rate. (Fig. 4)

No. of Pages : 72 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.93/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD FOR OPERATING A LANDING GEAR ASSEMBLY WITH A BREAKER STRUT

(51) International classification :B64C25/14

(31) Priority Document No :09/02721

(32) Priority Date :05/06/2009

(33) Name of priority country :France

(86) International Application No :PCT/EP2010/057778
Filing Date :03/06/2010

(87) International Publication No :WO 2010/139756
A1

(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)CAMPBELL, EDOUARD

4)DUCOS, DOMINIQUE

5)DUBOIS, SEBASTIEN

6)

(57) Abstract :

The invention relates to a method of operating an aircraft landing gear between a deployed position and a retracted position, the landing gear comprising a leg hinged to the aircraft, the leg being stabilized in the deployed position by a folding strut comprising two hinged-together links, the strut being held in an aligned position by a stabilizer member comprising two hinged-together links themselves held in alignment by a locking member, the method being characterized in that it comprises the steps of arranging the strut (2; 102) and the stabilizer member (4; 104) in such a manner that at least one of the links (4a/ 104a) of the stabilizer member moves continuously during a movement of the leg from the deployed position to the retracted position, and of attaching an operating actuator (10; 110) to said link in order to cause the link to pivot against the locking member and to exert thereon a force tending to move the leg.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9304/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : CHEESE PREPARATION APPARATUS HAVING A GUILLOTINE KNIFE FOR CUTTING OFF CURD BLOCKS

(51) International classification	:A01J25/11
(31) Priority Document No	:2002943
(32) Priority Date	:28/05/2009
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/IB2010/052373
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/136994
	A1
(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)LOCKYER, ANDY

(57) Abstract :

An apparatus for the preparation of cheese, comprising a vertical tubular column for receiving and compacting cheese curd and a guillotine knife for cutting off curd blocks, wherein the guillotine knife in operation moves back and forth between an open position and a closed position, and wherein the guillotine knife is provided with guiding means which comprise two parallel girders which have mutually facing surfaces with guiding slots which receive the longitudinal edges of the guillotine knife, wherein the longitudinal edges of the guillotine knife are provided with plastic guide strips overlying the longitudinal edges, which guide strips are provided with a number of recesses bounded by intermediate sections and end sections, the recesses leaving parts of the longitudinal edges of the guillotine knife exposed, wherein the guide strips are arranged on the guillotine knife so as to be slidable back and forth in longitudinal direction over a predetermined distance, and wherein the outer surface of at least a number of the sections of the guide strips cooperates with the guiding slots for the longitudinal edges of the guillotine knife.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9306/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : HINGED DOOR WITH A HINGE PLATE

(51) International classification	:E05F1/12
(31) Priority Document No	:10 2009 034 740.2
(32) Priority Date	:24/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/004306
Filing Date	:15/07/2010
(87) International Publication No	:WO 2011/009557
	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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ENNEPETAL Germany
(72)**Name of Inventor :**
1)OLIVER WALHORN

(57) Abstract :

The invention relates to a rotatably supported door (11) including a hinge (1) comprising a stationary hinge portion, a leaf hinge portion (2), which is pivotable about the stationary hinge portion, and a rotating shaft (7) passing through the stationary hinge portion and the leaf hinge portion (2), characterized in that the rotating shaft (7) cooperates with an opening and/or closing damping device.
[Figure number to be accompanied with abstract - Figure 1]

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9307/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : PYRIMIDINE COMPOUND AND ITS USE IN PEST CONTROL

(51) International classification	:C07D413/04
(31) Priority Document No	:2009-119585
(32) Priority Date	:18/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058249
Filing Date	:11/05/2010
(87) International Publication No	:WO 2010/134478
	A1
(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)MIZUNO, HAJIME

(57) Abstract :

A pyrimidine compound represented by below formula (I) has excellent control activity against pests and is useful as an active ingredient of a pest controlling agent.

No. of Pages : 233 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9631/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : IMAGE DISPLAY DEVICE AND IMAGE DISPLAY METHOD

(51) International classification :G09G3/36
(31) Priority Document No :2009-176021
(32) Priority Date :29/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/055806
Filing Date :31/03/2010
(87) International Publication No :WO 2011/013404
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
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1)SAKAI, TAMOTSU
2)TANAKA, YUHJI

(57) Abstract :

In an image display device which performs area-active drive, low power consumption is achieved without causing any display failure in performing partial display. A display position information acquisition section (101) outputs display position identification data for identifying a display position on the screen. An LED output value calculation section (102) divides an input image into a plurality of areas and obtains LED data which is data for emission' luminances of LEDs in the areas. At this time, emission luminance of LEDs in a non-display area are set to 0 on the basis of the display position identification data. A display luminances calculation section (103) obtains display luminance of the areas on the basis of the emission luminances. A partial display correction filter generation section (105) generates a partial display correction filter (106) having correction data for each pixel stored therein, on the basis of the display position identification data. An LCD data calculation section (107) obtains liquid crystal data on the basis of the input image, the display luminances, and the correction data.

No. of Pages : 103 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9598/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : LIGHT REFLECTION SHEET, LIGHT SOURCE DEVICE AND DISPLAY DEVICE

(51) International classification :F21S2/00
(31) Priority Document No :2009-124143
(32) Priority Date :22/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/056809
Filing Date :16/04/2010
(87) International Publication No :WO 2010/134406
A1
(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)YAHATA, MAMORU

6)TAKAHASHI, HIROSHI

7)ITO, KEITA

8)TOSHIYUKI, KENZO

9)ITO, KENICHIRO

10)NAKAMICHI, KAZUKI

11)SASAKI, TOMOO

12)MORIBE, KENTA

(57) Abstract :

There are provided a light reflection sheet, a light source device and a display device which can prevent a position of the light reflection sheet expanding or contracting due to a thermal expansion from being shifted in a direction along a sheet surface and a circumferential direction and can maintain a proper position of the light reflection sheet. A through hole penetrating in a vertical direction and a slot which is separated from the through hole in the direction along the sheet surface and is long in a separating direction are provided on a light reflection sheet 7 supported on a support body supporting a light source for reflecting light emitted from the light source, and there are provided a first shaft member fitted in the through hole for setting a position of the light reflection sheet 7 with respect to the support body, and a second shaft member fitted in the slot to enable a relative movement in a longitudinal direction of the slot for setting the position of the light reflection sheet 7 with respect to the support body.

No. of Pages : 423 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9599/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : LIGHT SOURCE DEVICE AND DISPLAY DEVICE

(51) International classification :F21S2/00
(31) Priority Document No :2009-124143
(32) Priority Date :22/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/056808
Filing Date :16/04/2010
(87) International Publication No :WO 2010/134405
A1
(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)ITO, KEITA

8)NAKAMICHI, KAZUKI

9)SASAKI, TOMOO

10)MORIBE, KENTA

11)TOSHIYUKI KENZO

12)ITO, KENICHIRO

(57) Abstract :

There are provided a light source device and a display device which do not generate a wrinkle on an optical sheet even if the optical sheet is held on an LED substrate. A reflection sheet 11 is disposed between each of head portions possessed by a rivet, a positioning rivet and a support rivet and one surface of an LED substrate 8 where an LED is mounted, and a gap in a direction of a sheet thickness is provided between the head portion of each of the rivets and the reflection sheet 11. In the case in which a sudden thermal change is caused, therefore, the reflection sheet 11 expands or contracts between the head portion of each of the rivets and the reflection sheet 11 so that the wrinkle can be prevented from being generated over the reflection sheet 11.

No. of Pages : 435 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9650/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : AN ENCLOSURE FOR SECONDARY DISTRIBUTION MODULAR SWITCHGEARS

(51) International classification	:E04H5/02
(31) Priority Document No	:P388107
(32) Priority Date	:25/05/2009
(33) Name of priority country	:Poland
(86) International Application No	:PCT/PL2010/000038
Filing Date	:23/05/2010
(87) International Publication No	:WO 2010/138007
	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)OBOJSKI, JERZY

5)WIELGOS, MICHAL

6)WILNIEWCZYK, MARIUSZ

(57) Abstract :

The subject of the invention is an enclosure for secondary distribution modular switchgears, applicable in protecting switchgears both against adverse weather conditions and against unauthorized inspections of high, medium and low voltage switch gear, and also against accidental access by unauthorized persons, or by wild animals and birds. The inventive enclosure containing a base-frame (3) to which the enclosure walls are attached and which is provided with a roof cover is characterized in that the base frame (3) is formed by a metal truss and contains two extreme base-frame modules, the left one (20) and the right one (23,) and at least one middle module (21 and/or (22) which are connected with one another by means of a pair of permanent connections formed by a socket (27a) and a prong (27b) and fastening and earthing plates (28a, 28b).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9653/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : COMPOSITIONS CONTAINING BERBERINE OR ANALOGS THEREOF FOR TREATING ROSACEA OR RED FACE RELATED SKIN DISORDERS

(51) International classification :A61K31/4375
(31) Priority Document No :61/221725
(32) Priority Date :30/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2010/000983
Filing Date :30/06/2010
(87) International Publication No :WO 2011/000218 A1
(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)CHANG TSE-WEN

(57) Abstract :

The present invention discloses topical pharmaceutical formulations of berberine and its biologically equivalent analogues, such as palmatine and coptisine, for the treatment of rosacea and other red face-related skin disorders. The topical pharmaceutical formulations of this invention contain purified berberine as the primary active drug ingredient at concentrations higher than 0.1%. The invention also discloses methods of treating rosacea and other red face related skin disorders, such as steroid-induced rosacea-like dermatitis, comprising the administration of topical pharmaceutical formulations that contain berberine or its biologically equivalent analogues, such as palmatine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9611/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : DISPLAY DRIVING CIRCUIT, DISPLAY PANEL AND DISPLAY DEVICE

(51) International classification :G09G3/36
(31) Priority Document No :2009-144751
(32) Priority Date :17/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/001938
Filing Date :18/03/2010
(87) International Publication No :WO 2010/146751
A1
(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)YASUSHI SASAKI

(57) Abstract :

A stage of the shift register has (i) a set-reset type flip-flop which receives an initialization signal (INITB) and (ii) a signal generating circuit which receives a simultaneous selection signal (AONB) and which generates an output signal (OUT) by use of an output (Q) of the flip-flop. The output (Q) of the flip-flop becomes inactive regardless of whether a setting signal (SB) and a resetting signal (R) are active or inactive, as long as the initialization signal (INITB) is active. The initialization signal (INITB) becomes active before the end of the simultaneous selection, and then becomes inactive after the end of the simultaneous selection. This makes it possible to stabilize operation of the shift register after the end of simultaneous selection of a plurality of signal lines carried out by the display driving circuit at a predetermined timing. [Figure number to be accompanied with abstract - Figure 4]

No. of Pages : 89 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9612/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : GEAR WHEEL

(51) International classification	:F16H55/06
(31) Priority Document No	:A792/2009
(32) Priority Date	:20/05/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2010/000177
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/132914 A1
(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)MULLER, ALEXANDER
4)PAMMINGER, HELMUT

(57) Abstract :

The invention relates to a spur gear wheel with a gear body (4, 5) made from a sintered material, which has a circumference around which teeth (6, 7) are distributed projecting in the radial direction, and which is delimited by two end faces (8, 9, 10, 11) in the axial direction. At least one shaped element (12) in the form of a recess (13) and/or an elevation (14) and/or a compacted area is provided on at least one end face (8, 9, 10, 11) in the region of the teeth (6, 7) and/or in the radial direction underneath the teeth (6, 7). Fig. 1

No. of Pages : 42 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9614/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : TWO-BLADED VERTICAL AXIS WIND TURBINES

(51) International classification	:F03D1/00
(31) Priority Document No	:61/180,949
(32) Priority Date	:26/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/052334
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/136975
	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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4)VAN ZWAREN, JOE
5)KOLMAN, KEN

(57) Abstract :

Two-bladed vertical axis wind turbines (VAWT) have many efficiency advantages over turbines with other numbers of blades. Principles for making them in the ideal fashion are presented for both drag and lift configurations.

No. of Pages : 34 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9675/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : GAS DIFFUSION ELECTRODE EQUIPPED ION EXCHANGE MEMBRANE ELECTROLYZER

(51) International classification :C25B9/00
(31) Priority Document No :2009-126621
(32) Priority Date :26/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/003469
Filing Date :24/05/2010
(87) International Publication No :WO 2010/137283
A1
(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)HAMAMORI, MITSU HARU
4)IZUTSU, TOMONORI

(57) Abstract :

Provided is a gas diffusion electrode equipped ion exchange membrane electrolyzer including an anode, an ion exchange membrane, and a cathode chamber in which a gas diffusion electrode is disposed, wherein the ion exchange membrane and a cathode chamber inner space in which the gas diffusion electrode is disposed are separated by a liquid retaining member, the outer periphery of the liquid retaining member is held in a void formed in a gasket or a cathode chamber frame constituting the cathode chamber, or the outer periphery and the end face of the outer periphery of the liquid retaining member are sealed, or the outer periphery of the liquid retaining member is joined to and integrated with the gasket.

No. of Pages : 30 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9676/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD FOR PRODUCING CARBON MATERIALS

(51) International classification :C01B31/02
(31) Priority Document No :2009-147296
(32) Priority Date :22/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/060147
Filing Date :15/06/2010
(87) International Publication No :WO 2010/150685
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
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(57) Abstract :

The present invention provides a method for producing a carbon material, by which a high purity carbon material which is dense and has an extremely low ash concentration can be economically obtained. In the present invention, it is a method for producing a carbon material which can be used as a nonferrous metal reducing agent, a structural carbon material, a carbon material for an electric material or a raw material thereof, the method comprising: an ashless coal production step of producing an ashless coal as a modified coal by modifying a coal with a solvent; an ashless coal heating step of subjecting the ashless coal produced in the ashless coal production step to a heating treatment; and a carbonization step of obtaining a carbon material by carbonizing the ashless coal which has been subjected to the heating treatment in the ashless coal heating step. The atomic ratio (H/C) of hydrogen to carbon in the ashless coal which has been subjected to the heating treatment in the ashless coal heating step is from 0.6 to 0.67.

No. of Pages : 24 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9633/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : FILM FOR SOLAR CELL BACKSHEET, SOLAR CELL BACKSHEET USING THE SAME, AND SOLAR CELL

(51) International classification	:H01L31/042
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/059495
Filing Date	:25/05/2009
(87) International Publication No	:WO 2010/137099
	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)TAKAHASHI, KOZO

(57) Abstract :

The invention provides a solar cell back sheet film that maintains high mechanical strength and has a high partial discharge voltage though small in thickness, as well as a solar cell back sheet produced thereof that has a high partial, discharge voltage though small in thickness. The invention also provides a highly durable and/or thin solar cell produced thereof. The back sheet film has a multilayered configuration composed of at least two layers including a layer (hereinafter referred to as layer A) having a surface with a surface resistivity RO of not less than $10^4 \Omega/\text{square}$ but not more than $10^{14} \Omega/\text{square}$ (hereinafter referred to as surface A) and a base layer (hereinafter referred to as layer B) wherein layer B contains a layer (hereinafter referred to as layer B1) comprising polyester, the polyester of layer B1 having an weight avbrage molecular weight of not less than 37,500 but not more than 60,000.

No. of Pages : 168 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9635/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : CDC45L PEPTIDES AND VACCINES INCLUDING THE SAME

(51) International classification :C12N15/09

(31) Priority Document No :61/217133

(32) Priority Date :26/05/2009

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

(86) International Application No :PCT/JP2010/003488

Filing Date :25/05/2010

(87) International Publication No :WO 2010/137295
A1

(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 isolated peptides of the fragments derived from SEQ ID NO: 18, which bind to an HLA antigen and induce cytotoxic T lymphocytes (CTL). The peptide may include one of the above mentioned amino acid sequences with substitution, deletion, or addition of one, two, or several amino acid sequences. The present invention also provides pharmaceutical compositions including these peptides. The peptides of the present invention can be used for treating cancer.

No. of Pages : 91 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9636/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : KETOREDUCTASE-MEDIATED STEREOSELECTIVE ROUTE TO ALPHA CHLOROALCOHOLS

(51) International classification :C12N9/02
(31) Priority Document No :61/219162
(32) Priority Date :22/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039511
Filing Date :22/06/2010
(87) International Publication No :WO 2011/005527 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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(57) Abstract :

The present disclosure relates to engineered ketoreductase polypeptides and uses thereof for the preparation of α -chloroalcohols from α -chloroketones. Also provided are polynucleotides encoding the engineered ketoreductase polypeptides and host cells capable of expressing the engineered ketoreductase polypeptides

No. of Pages : 155 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9637/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : HYDROELECTRIC IN-PIPE TURBINE USES

(51) International classification :F01D15/00

(31) Priority Document No :61/180949

(32) Priority Date :26/05/2009

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

(86) International Application No :PCT/IB2010/052338

Filing Date :26/05/2010

(87) International Publication No :WO 2010/136979

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 :

An in-pipe turbine has uses in energy storage and circulation. Specific applications are in storage systems working by elevation, smart grid systems, pressure release, and heating/cooling systems.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9638/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : DRIVE MECHANISM FOR DRUG DELIVERY DEVICE

(51) International classification :A61M5/315

(31) Priority Document No :09008311.4

(32) Priority Date :25/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/058942

Filing Date :23/06/2010

(87) International Publication No :WO 2010/149717

A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)NZIKE, PHILIPPE

(57) Abstract :

The present disclosure relates to a drug delivery device (10), in particular pen-type injectors, wherein a number or pre-set doses can be administered. In particular, the present disclosure relates to such drug delivery devices, where a user may activate the dose injection process and wherein the user is still able to control the dose injection process even after a dose injection process has been activated. The process of injecting a dose is supported by some kind of energy storing means (22) as well as by a force to be exerted by a user. Moreover, the disclosure characterizes by a reduced amount of mechanical components. (Figure 1)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9640/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : WATT LINKAGE SUSPENSION DEVICE HAVING INTEGRATED COMPLIANCE AND DAMPING

(51) International classification :B62D33/06
(31) Priority Document No :102009026503.1
(32) Priority Date :27/05/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2010/050028
Filing Date :20/05/2010
(87) International Publication No :WO 2010/136028 A1
(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)FISMANN, JENS
2)LANGHORST, FRIEDHELM
3)LORENZ, KARL

(57) Abstract :

The invention concerns a suspension system (1) for the sprung or damped suspension of a massive body relative to a substructure (2) , for example a driver's cabin of a truck relative to the vehicle chassis (2). The suspension system comprises a spring/damper arrangement (4, 5) disposed between the massive body and the substructure (2), which comprises at least one damper element and/or at least one spring element for damping shocks or vibrations, and includes a Watt linkage arrangement with at least one Watt linkage (A, B, C, D, E). According to the invention the suspension system (1) is characterized in that at least one spring element and/or at least one damper element is arranged in the area of a Watt link between the Watt link and the bearing seat associated with the Watt link. The suspension system according to the invention is compact, space-saving and robust. Thanks to the invention, spring/damper elements previously to be provided separately can be integrated directly in the suspension system. A simplified design is made available and potential cost savings are made possible. (Fig. 1)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.91110/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : AQUEOUS INK FOR LIQUID JETTING DEVICE AND INK CARTRIDGE CONTAINING THE SAME

(51) International classification	:C09D11/00
(31) Priority Document No	:2009-155430
(32) Priority Date	:30/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/061294
Filing Date	:25/06/2010
(87) International Publication No	:WO 2011/002072
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)KATSURAGI, KOJI

(57) Abstract :

To provide an aqueous ink for a liquid jetting device, containing: (A) a fluorosurfactant; and (B) N-alkyl-2-pyrrolidone, wherein an alkyl group contained in the (B) N-alkyl-2-pyrrolidone is a C4-10 alkyl group.

No. of Pages : 67 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9112/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : VULCANIZABLE COMPOSITION HAVING ACOUSTIC ATTENUATING PROPERTIES

(51) International classification :C08L53/02
(31) Priority Document No :102009026824.3
(32) Priority Date :08/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/057591
Filing Date :01/06/2010
(87) International Publication No :WO 2010/142563
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)KOHLSTRUNG, RAINER
2)YAMADA, TAKEHITO

(57) Abstract :

The invention relates to a composition that can be thermally cured, containing relative to the total composition, a) 5 to 90% by weight of a diene-based polymer or copolymer containing an olefinic double bond and/or an aromatically substituted olefin, wherein the polymer or copolymer is liquid, or paste-like, at 22°C and has a glass transition temperature between -30°C and +15°C, measured according to a DSC method; b) a vulcanization system selected from the group consisting of: b1) sulfur, and one or more accelerator(s), b2) peroxidic or disulfidic vulcanization systems, b3) quinones, quinone dioximes, or dinitrosobenzene.

No. of Pages : 45 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9116/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : DISPLAY DRIVING CIRCUIT, DISPLAY DEVICE AND DISPLAY DRIVING METHOD

(51) International classification :G09G3/36
(31) Priority Document No :2009-144750
(32) Priority Date :17/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/001255
Filing Date :24/02/2010
(87) International Publication No :WO 2010/146742
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YUHICHIROH MURAKAMI
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4)MAKOTO YOKOYAMA

(57) Abstract :

A display driving circuit that carries out CC driving is configured such that retaining circuits (CSL) are provided in such a way as to correspond one-by-one to their respective stages (SR) of a shift register, that a polarity signal CMI is inputted to each of the latch circuits (CSL), that when an internal signal Mn (CSRn) generated by a shift register (SRn) at the nth stage becomes active, a latch circuit (CSLn) corresponding to the nth stage loads and retains the polarity signal CMI, that an output signal SRBOn from the shift register at the nth stage is supplied as a scanning signal to a gate line (GLn+1) connected to pixels corresponding to the (n+1)th stage, and that an output from latch circuit (CSLn) corresponding to the nth stage is supplied as CSOUTn to a CS bus line forming capacitors with pixel electrodes of pixels corresponding to the nth stage. Therefore, in CC driving, the appearance of transverse stripes in the first frame in which to start to display a video signal can be eliminated without an increase in circuit area. Figure: 4

No. of Pages : 99 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9643/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF A STRUCTURED METALLIC COATING

(51) International classification	:H05K3/12
(31) Priority Document No	:09163346.1
(32) Priority Date	:22/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058612
Filing Date	:18/06/2010
(87) International Publication No	:WO 2010/149579
(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)KLEINE JAGER, FRANK

2)HERMES, STEPHAN

(57) Abstract :

The invention relates to a process for the production of a structured electrically conductive coating on a substrate, in which first a monolayer or oligolayer of a surface-hydrophobizing substance is applied to a surface of the substrate and then a substance comprising electrically conductive particles is applied to the substrate according to a predetermined pattern. The invention furthermore relates to a use of the process for the production of solar cells or circuit boards and to an electronic component comprising a substrate to which a structured electrically conductive surface is applied, a monolayer or oligolayer of a surface-hydrophobizing material being applied to the substrate and the structured electrically conductive surface being applied to the monolayer or oligolayer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9646/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD FOR VECTOR QUANTIZATION OF A FEATURE VECTOR

(51) International classification	:H03M7/30
(31) Priority Document No	:09008685.1
(32) Priority Date	:02/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/003969
Filing Date	:30/06/2010
(87) International Publication No	:WO 2011/000567
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SCHANDL, STEFAN
2)SETIAWAN, PANJI

(57) Abstract :

The invention relates to a method for the vector quantization of a feature vector, in particular with respect to a data compression of a signal to be transmitted or to be stored, particularly a voice signal or a video signal, wherein at least one codebook from a plurality of codebook vectors is searched for a code vector representing the feature vector. During the search, a sequence of codebook vectors is examined for the suitability thereof to represent the feature vector. In the course of the search for the code vector, a set of neighboring vectors is dedicated to at least one of the codebook vectors potentially to be examined, preferably prior to the search. The search for the code vector includes at least part of the neighboring vectors.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9648/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/12/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : A MULTI-RATIO ROTORCRAFT DRIVE SYSTEM AND A METHOD OF CHANGING GEAR RATIOS THEREOF

(51) International classification :B64C27/00
(31) Priority Document No :12/502596
(32) Priority Date :14/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042023
Filing Date :14/07/2010
(87) International Publication No :WO 2011/008890 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FENNY, CARLOS, A.
3)KILMAIN, CHARLES, J.
4)SINUSAS, ERIC, A.
5)WORRELL, KEVIN

(57) Abstract :

A multi-ratio rotorcraft drive system and a method of changing gear ratios thereof are disclosed. According to one embodiment, the multi-ratio rotorcraft drive system comprises a rotor system comprising one or more rotors and one or more engines. Each engine of the one or more engines is coupled to the rotor system through a multi-ratio transmission. The multi-ratio transmission comprises an output shaft coupled to the rotor system, an input shaft coupled to a respective engine of the one or more engines, a high speed clutch integrated into a high speed gear train, and a low speed clutch integrated into a low speed gear train. The high speed clutch and the low speed clutch are freewheeling clutches without a friction plate and are capable of disconnecting the output shaft and the input shaft in an overrun condition when the output shaft spins faster than the input shaft. The multi-ratio transmission shifts between the high speed gear train and the low speed gear train by engaging or disengaging the high speed clutch and modulating speed of the coupled engine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9677/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : LUBRICATING COMPOSITION

(51) International classification	:C10M107/02
(31) Priority Document No	:09163626.6
(32) Priority Date	:24/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058920
Filing Date	:23/06/2010
(87) International Publication No	:WO 2010/149706
	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)DUNNING, SIMON, WILLIAM
2)WEDLOCK, DAVID, JOHN**

(57) Abstract :

The present invention provides a lubricating composition for use in the crankcase of an engine comprising a base oil and one or more additives, wherein the base oil comprises a Fischer-Tropsch derived base oil and wherein the lubricating composition has a kinematic viscosity at 100 C (according to ASTM D 445} of below 5.6 cSt and a Noack volatility (according to ASTM D 5800) of below 15 wt. %.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9678/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : PROCESSES FOR THE PREPARATION OF SUBSTITUTED TETRAHYDRO BETA-CARBOLINES

(51) International classification :C07D471/04
(31) Priority Document No :61/181,652
(32) Priority Date :27/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/036273
Filing Date :27/05/2010
(87) International Publication No :WO 2010/138644 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HWANG, PETER, SEONGWOO
2)MOON, YOUNG-CHOON
3)ARASU, TAMIL
4)QI, HONGYAN
5)ALMSTEAD, NEIL

(57) Abstract :

Provided herein are improved processes for the synthesis of substituted tetrahydro beta-carboline derivatives. In particular, provided herein are improved processes useful for the preparation of (S)-4-Chlorophenyl 6-cholor-1-(4-methoxyphenyl)-3-4-dihydro-1H-pyrido(3,4-b)indole-2(9H)-carboxylate. Formula(I).

No. of Pages : 40 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9679/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SHAPED ABRASIVE PARTICLES WITH LOW ROUNDNESS FACTOR

(51) International classification	:C09K3/14
(31) Priority Document No	:61/219,161
(32) Priority Date	:22/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038588
Filing Date	:15/06/2010
(87) International Publication No	:WO 2011/005425 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)ERICKSON, DWIGHT, D.

(57) Abstract :

STRACTShaped abrasive particles comprising alpha alumina and having a cross-sectional shape along a longitudinal axis of the shaped abrasive particles, the cross-sectional shape comprising a non-circular cross-sectional plane, and the shaped abrasive particles comprise an Average Roundness Factor of between about 15% to 0%.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9670/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : FERTILISATION INDEPENDENT FRUIT FORMATION IN TOMATO

(51) International classification :A01H5/08
(31) Priority Document No :09163385.9
(32) Priority Date :22/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/058741
Filing Date :21/06/2010
(87) International Publication No :WO 2010/149628
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)EGGINK, PIETER MARTIJN
3)DRAGER, DORTHE BETTINA

(57) Abstract :

The invention relates to a tomato plant comprising the trait fertilization independent fruit formation wherein said trait is obtainable by introgression from a plant, representative seed of which was deposited with the NCIMB under accession number NCJMB 41626, NCLMB 41627, NCLMB 41628, NCJMB 41629, NCLMIB 41630 or NCLMII 41631. Such tomato plant is obtainable by crossing plants, representative seed of which was deposited with the NCJMB under accession number NCIMB 41626, NCLMB 41627, NCIMB 41628, NCLMB 41629, NCIMB 41630 or NCLMB 41631, with a plant not showing the trait to obtain an F 1 population; selfing plants from the F 1 population to obtain an F2 population; preventing pollination of the F2 plants and allowing fruit formation to occur; and selecting plants producing fruits as plants showing fertilization independent fruit formation. The invention further relates to the parthenocarpic fruits, to seeds of the plants and to propagation material of the plant.

No. of Pages : 38 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9671/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : NETWORK SYSTEM, COMMUNICATION TERMINAL, COMMUNICATION METHOD, AND COMMUNICATION PROGRAM

(51) International classification	:G06F13/00
(31) Priority Document No	:2009-126735
(32) Priority Date	:26/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058520
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/137512
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)AKABANE, TOSHIO
3)SAKAI, TATSUYA

(57) Abstract :

A communication terminal (100B) includes an input unit (104B), an interface (101B) for communication with another terminal (100A) and a first server (600), a first communication control unit (1061B) receiving access information for connection with the other terminal and first information from the first server via the interface, and transmitting second information to the first server via the interface, a determination unit (1062B) determining whether input of the second information satisfies a predetermined condition or not based on access information, and a second communication control unit (1063B) for exchanging third information with another terminal via the interface based on the access information when input of the second information satisfies the predetermined condition.

No. of Pages : 82 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9672/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : PORTABLE DISPLAY DEVICE, METHOD OF CONTROLLING PORTABLE DISPLAY DEVICE, PROGRAM, AND RECORDING MEDIUM

(51) International classification	:G06F3/041
(31) Priority Document No	:2009-177320
(32) Priority Date	:30/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/054808
Filing Date	:19/03/2010
(87) International Publication No	:WO 2011/013400
	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)NISHIO, MASAOKI

2)KATAOKA, YOSHIROU

3)KUMADA, KOUJI

(57) Abstract :

Provided is a portable display device sufficiently small to be held with one hand that enters a state for accepting a gesture when a fixed coordinate position near a central portion between a left display unit (14a) and a right display unit (14b) is pressed with a thumb Ft1 of one hand holding the device, and accepts a command for performing such as page flipping processing based on a gesture inputted with an index finger Ffr of the other hand. Thus, it is possible to achieve an interface for input operations suitable for a two-screen display screen, where holding a two-screen portable display device naturally causes the device to enter a command accepting state to allow gesture recognition, and to enter a command non-accepting state when the portable display device is not held, in order to prevent a command from being falsely executed due to an unintended contact and such to the display screen.

No. of Pages : 63 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1254/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011

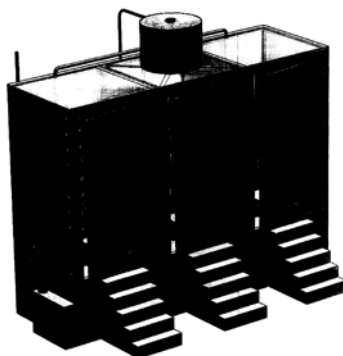
(43) Publication Date : 29/03/2013

(54) Title of the invention : A STATIONARY BIO TOILET SYSTEM

(51) International classification	:A47K11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)STONE BIOTECH PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :16 TARATALLA ROAD, KOLKATA
(33) Name of priority country	:NA	700 084 West Bengal India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AMITAVA MONDAL
(87) 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 stationary bio toilet system involving a bio digester tank is disclosed. More particularly, a modular stationary bio toilet system for easy and fast installation in remote places, villages, construction sites etc is proposed which is free of any environmental pollution. Advantageously, the stationary bio toilet system according to the present invention is integrated to a multi chamber bio digester tank for digestion of the toilet wastes in presence of a bio media for complete conversion of solid wastes to environmentally clean water, followed by a chlorine disinfection tank for safe disposal/recycling of the treated waste/water. The stationary bio toilet module can be easily installed at stationary location where there is a requirement, and can be disassembled and taken away to another location when the requirement is over. A Water storage cum dispensing subsystem ensures water supply to individual toilet units making the stationary bio toilet system totally self sufficient.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1267/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : BRUSHLESS ALTERNATOR FOR HIGH POWER DIESEL ELECTRIC MULTIPLE UNIT

(51) International classification :H02K19/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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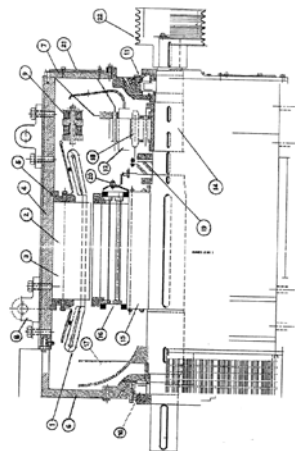
2)SURENDRA PRATAP SINGH

3)MANISH VERMA

4)MANBENDRA BHAKTA

(57) Abstract :

The invention relates to a Brushless Alternator for High Power Diesel Electric Multiple Unit (HHP DEMU), comprising : an alternator stator core (3) built up of one-piece low loss steel laminations (2), which are assembled under pressure applied by a plurality of core clamping plates at both ends to form the stator core (3), the stator core (3) being rigidly fixed on to a stator frame (4) by a key; a plurality of stator coils (1) with class insulated placed in corresponding stator slots and connected to form a 3-phase winding, the coil leads brought out to at least four connection rings (9) (three phases R, Y, B and one neutral ring), and a plurality of Bus-bars (13) bolted to the rings (9) and brought out in a terminal box, a rotor core made from one piece low loss rim punchings, which are stacked together under pressure and fitted on a shaft (14) with a key, the pole punchings being of salient pole construction, are stacked together by a plurality of pole end plates at both ends to form a pole assembly, the pole and coil assembly (17) thus formed is locked in a dovetail groove of a rim punching assembly (15) by tapered keys; an exciter consisting of a stationary field assembly (12) and a main rotor assembly comprising a rotating exciter armature (18) and a Diode Wheel assembly (19), the exciter field assembly (12) comprising poles assembled along- with their field coils are bolted to the NDE end-shield (11); and a rotating rectifier bridge (19) comprising a full wave rectifier bridge and the exciter assembly (18) are sleeve mounted on the shaft inside a bearing assembly NDE (11) for stability and reducing vibrations.



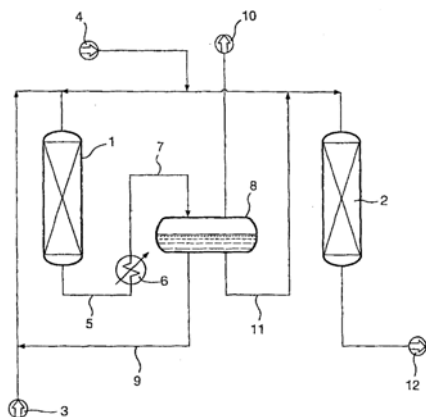
No. of Pages : 16 No. of Claims : 3

(54) Title of the invention : REACTOR

(51) International classification	:B01J8/04,CIOG45/32	(71)Name of Applicant :
(31) Priority Document No	:1102551.7	1)DAVY PROCESS TECHNOLOGY LIMITED
(32) Priority Date	:14/02/2011	Address of Applicant :10 Eastbourne Terrace London W2 6LG
(33) Name of priority country	:U.K.	U.K.
(86) International Application No	:PCT/GB2012/050056	(72)Name of Inventor :
Filing Date	:12/01/2012	1)LORD, Edward Adrian
(87) International Publication No	:WO 2012/110775	2)REASON, Arthur James
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A liquid/gas reactor comprising: (a) a bulk catalyst bed and means for supplying fresh feed and recycled at least partially converted liquid product stream to said bulk catalyst bed; (b) means for collecting an at least partially converted liquid product stream from said bulk catalyst bed and recycling at least a portion thereof to step (a); (c) a minor catalyst bed extending substantially vertically through the bulk catalyst bed and means for supplying recycled at least partially converted product stream only to said minor catalyst bed; and (d) a separating wall between said bulk and said minor catalyst bed.



No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/08/2012

(21) Application No.1984/KOLNP/2012 A

(43) Publication Date : 29/03/2013

(54) Title of the invention : RUBBER COMPOSITION FOR TIRES, AND PNEUMATIC TIRE

(51) International classification :C08L9/06,B60C1/00,C08F236/10
(31) Priority Document No :2010-251058
(32) Priority Date :09/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/075667
Filing Date :08/11/2011
(87) International Publication No :WO 2012/063797
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUMITOMO RUBBER INDUSTRIES, LTD.
Address of Applicant :6-9, Wakinohama-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 6510072 JAPAN
(72)**Name of Inventor :**
1)MINAGOSHI Akira
2)UESAKA Kenichi

(57) Abstract :

Provided are: a rubber composition for tires, which can achieve both low fuel consumption and wear resistance at high levels and has excellent wet grip properties; and a pneumatic tire produced using the rubber composition. The present invention relates to a rubber composition for tires, which comprises a rubber component comprising a modified styrene butadiene rubber having a constituent unit derived from a specific nitrogenated compound in the main chain thereof, a silica, and a compound represented by general formula (I): R20-S-S-A-S-S-R21 (wherein A represents an alkylene group having 2-10 carbon atoms; R20 and R21 are the same as or different from each other and independently represent a monovalent organic group containing a nitrogen atom), wherein the content of the modified styrene butadiene rubber is 5 mass% or more relative to 100 mass% of the rubber component.

No. of Pages : 27 No. of Claims : 3

(54) Title of the invention : WHEEL SUPPORT STRUCTURE FOR TWO-WHEELED VEHICLE

(51) International classification :F16C41/00,B60B35/02,B62J99/00
 (31) Priority Document No :2010-168929
 (32) Priority Date :28/07/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/065052
 Filing Date :30/06/2011
 (87) International Publication No :WO 2012/014622
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)NSK Ltd.

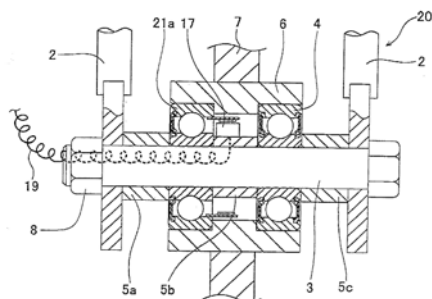
Address of Applicant :6-3, Ohsaki 1-chome Shinagawa-ku, Tokyo 1418560 JAPAN

(72)Name of Inventor :

1)KAKUDA, Kouichi**2)YAJIMA, Hirokazu****3)KIKUCHI, Aya****4)FUJIOKA, Takashi**

(57) Abstract :

A wheel support structure for a two-wheeled vehicle, configured either in such a manner that an encoder mounting plate is mounted to an end of the outer ring of one rolling bearing in the axial direction, the end being located on the other rolling bearing side, and a magnetic encoder for detecting rotational speed is attached and affixed to the inner peripheral surface of the cylindrical section of the encoder mounting plate, the cylindrical section extending outward from the outer ring in the axial direction, or in such a manner that the magnetic encoder for detecting rotational speed is attached and affixed to a side surface of a slinger, the side surface of the slinger being located on the other rolling bearing side, the slinger being mounted to the end in the axial direction and having an inner diameter-side end surface located close to the outer peripheral surface of the inner ring to form a labyrinth gap. Preferably, a rotation restraining member is engaged with the outer peripheral surface of the outer ring which is a rotation-side raceway ring, and the rotation restraining member and the inner peripheral surface of a hub which is a rotation-side member are engaged with each other.



No. of Pages : 71 No. of Claims : 17

(54) Title of the invention : BLOW MOLD UNIT AND BLOW MOLDING APPARATUS USING THE SAME

(51) International classification :B29C49/48,B29C33/30
 (31) Priority Document No :2010-019403
 (32) Priority Date :29/01/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/073271
 Filing Date :24/12/2010
 (87) International Publication No :WO 2011/092985
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)NISSEI ASB MACHINE CO., LTD.

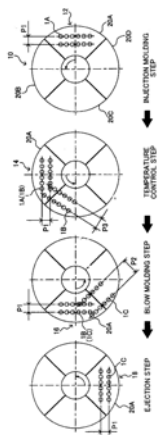
Address of Applicant :4586-3, Koo, Komoro-shi, Nagano 384-8585 JAPAN

(72)Name of Inventor :

1)Kazuyuki YOKOBAYASHI**2)Daisabourou TAKEHANA**

(57) Abstract :

A blow mold unit (300) attached to a foundation (72) of a blow molding machine (10) comprises a blow mold (60) including first and second blow cavity split molds (62A, 62B) and a plurality of raised bottom molds (63). The blow mold unit (300) further comprises a first clamping plate (310) to which the first blow cavity split mold is clamped, a second clamping plate (312) to which the second blow cavity split mold is clamped, a plurality of first pressure receiving plates (320) which are respectively disposed on both side surfaces of the first and second blow cavity split molds and clamped to the first and second clamping plates, a third clamping plate (330) which is disposed between the first and second clamping plates and clamps the plurality of raised bottom molds to a first surface (330A) thereof, a plurality of shaft portions (340 (342, 344)) which are suspended from a second surface (330B) of the third clamping plate and have free end portions (342B, 344B) as the lower ends thereof, and a plurality of second pressure receiving plates (350) which are respectively clamped to the first and second clamping plates below the third clamping plate.



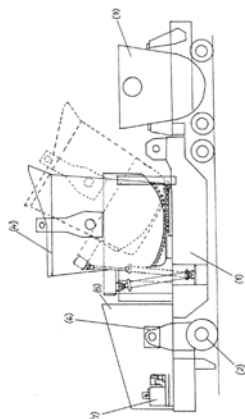
No. of Pages : 75 No. of Claims : 15

(54) Title of the invention : COMBINED HOT METAL LADLE AND SLAG POT CARRIAGE

(51) International classification	:C21B	(71)Name of Applicant :
	13/08	1)TATA STEEL LIMITED
(31) Priority Document No	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(32) Priority Date	:NA	DIVISION JAMSHEDPUR-831001 INDIA Bihar India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MR. AVTAR SINGH
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is provided with a combined hot metal ladle and slag pot carriage comprises a structural underframe rests on a plurality of rail wheels disposed longitudinally along the length; a room on the upper surface of the underframe to house a slag pot at front side of the carriage; a room on the upper surface of the underframe to house a hot metal-ladle in the middle position of the carriage; a cabin on the upper surface of the underframe to house control panel, mechanical and hydraulic power pack; characterized in that a control mechanism is provided such that the carriage is movable on rail and dispose off the slag by tilting the hot metal ladle to a standby slag pot on the same carriage wherein the slag free hot metal is poured in the steel converter without any application of overhead crane.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1251/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011

(43) Publication Date : 29/03/2013

(54) Title of the invention : AN IMPROVED POWER TRANSFORMER WITH WINDINGS DISPOSED IN LINEAR IMPENDANCE PATTERN

(51) International classification :H01F27/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)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)JAI SINGH KUNTIA

2)SHAIENDRA KUMAR MAHAJAN

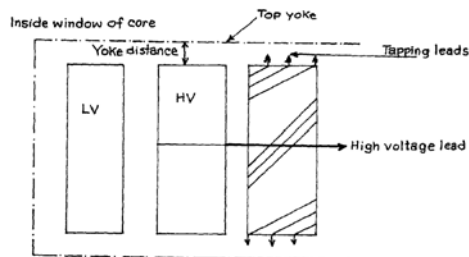
3)AUMANATH RADHAKRISHNAN RAVEEV

4)ANIL KUMAR PARANJPE

5)AKSHAY DAVE

(57) Abstract :

The invention relates to an outside interwound helical type of tapping winding in single group with high voltage center line lead for power transformer; wherein a high voltage lead brought out from the center of said tap winding and disposed away from the top yoke, wherein the tap winding is formed as interwound helical tapping such that each turn of the winding covers the total height of the tap winding whose total height is accommodated within the circuit, and wherein the height of the high voltage winding, the low voltage winding, and tap winding is substantially the same.



No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1269/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR COLLABORATIVE INFORMATION MANGEMENT AND DISPENSATION

(51) International classification

:G06F21

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SUDEEP GAURKAR

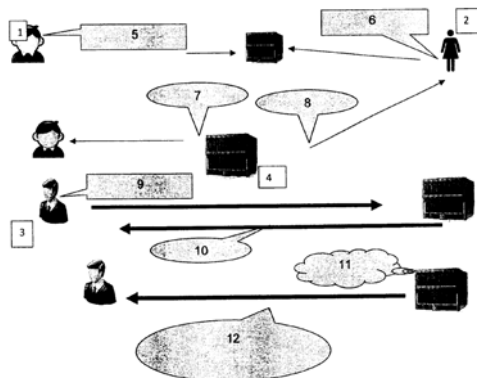
Address of Applicant :7A/5/1 BHILAI, DISTRICT DURG,
CHATTISGARH, PIN-490001 Chattisgarh India

(72)Name of Inventor :

1)SUDEEP GAURKAR

(57) Abstract :

The present invention includes a the system for collaborative information processing and dispensation using a Central Content Server System, (CCSS) and related methods of ID authentication and information pre-verification, context extraction, ranked rating of options resulted from conducted search, all of which will be operational between a group of information provider & seeker who will have access to local devices, to upload information & quickly download pre-verified information as & when required, even without much dependence on Internet and computer hardware or software operating system or platform used.



No. of Pages : 23 No. of Claims : 17

(54) Title of the invention : WIRELESS COMMUNICATIONS SYSTEM

(51) International classification :H04W48/16,H04B1/16,H04W84/10
 (31) Priority Document No :2010-020430
 (32) Priority Date :01/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/IB2011/000096
 Filing Date :25/01/2011
 (87) International Publication No :WO 2011/092566
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

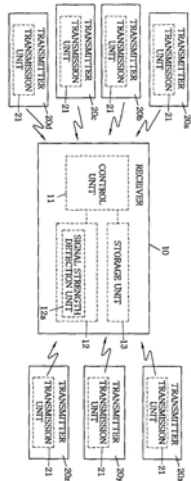
Address of Applicant :1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, JAPAN

(72)Name of Inventor :

1)Takayuki NII**2)Hideki TAKENAGA****3)Shoji KOISE**

(57) Abstract :

Disclosed is a wireless communication system provided with: transmitters which alternatively select a plurality of wireless channels having different frequencies to each other and transmit wireless signals; and a receiver which receives the wireless signals transmitted by the transmitters. The receiver is provided with: a signal strength detection unit which individually measures the signal strength of the wireless channels to be scanned which are sequentially switched in each predetermined scan cycle; a storage unit which stores the signal strength of each wireless channel as measured by the signal strength detection unit; and a signal reception unit which prioritises a wireless channel from among the wireless channels to be scanned, said wireless channel having a high signal strength stored in the storage unit, and receives the wireless signal.



No. of Pages : 39 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1992/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/08/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : COSMETIC CO-REMOVAL OF MATERIAL FOR ELECTRONIC DEVICE SURFACES

(51) International classification :G06F1/16
(31) Priority Document No :61/300,780
(32) Priority Date :02/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/050119
Filing Date :24/09/2010
(87) International Publication No :WO 2011/096959
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)APPLE INC.

Address of Applicant :1 Infinite Loop, Cupertino, CA 95014

UNITED STATES OF AMERICA

(72)Name of Inventor :

1)MYERS, Scott

2)HELEY, Richard

3)THEOBALD, Matthew

4)STAGNARO, Adam

5)TAN, Tang

6)DINH, Richard

7)PAKULA, David

(57) Abstract :

This is directed to providing a cosmetic finish on a component constructed by connecting several elements. A single manufacturing process, such as machining or grinding, can be applied to the connected elements to remove material from some or all of the elements and to form a smooth and continuous surface across interfaces between the individual elements of the component. In some cases, settings of the material removal process can be adjusted based on the material of the component elements. For example, the settings can be adjusted based on the manufacturing or mechanical properties of each element material.

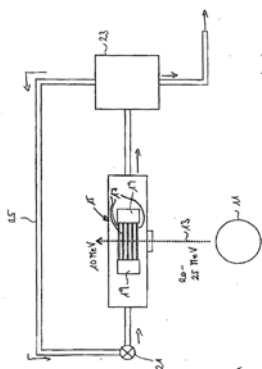
No. of Pages : 44 No. of Claims : 20

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING A 99MTC REACTION PRODUCT

(51) International classification	:G21G1/10,G21G1/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 006 434.3	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:01/02/2010	Address of Applicant :Wittelsbacherplatz 2, 80333 München,
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/EP2011/051017	(72)Name of Inventor :
Filing Date	:26/01/2011	1)HUGHES, Timothy
(87) International Publication No	:WO 2011/092174	2)BAURICHTER, Arnd
(61) Patent of Addition to Application Number	:NA	3)HEID, Oliver
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for producing a reaction product containing 99mTC, comprising the following steps: providing 100Mo-metal targets to be irradiated, irradiating the 100Mo-metal target with a proton stream having an energy for the induction of a 100Mo(p, 2n) 99mTC core reaction, heating the 100Mo-metal target to a temperature of over 300°C, recovering incurred 99mTc in a sublimation-extraction process with the aid of oxygen gas which is conducted over the 100Mo-metal target forming 99mTc-Technetium oxide. The invention further relates to a device for producing the reaction product containing 99mTc, comprising: a 100Mo metal target, an acceleration unit for providing a proton stream, which can be directed to the 100Mo-Metal target, such that a 100Mo (p, 2n) 99mTC core reaction is induced upon irradiation of the 100Mo-metal target by the proton stream, a gas supply line for conducting oxygen gas onto the irradiated 100Mo-metal target to form 99mTC- Technetium oxide, and a gas discharge line to discharge the sublimated 99mTC- Technetium oxide.



No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1994/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/08/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : MOBILE COMMUNICATION PLAN OFFERINGS

(51) International classification :H04M15/00,H04W4/24
(31) Priority Document No :61/301,107
(32) Priority Date :03/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023519
Filing Date :02/02/2011
(87) International Publication No :WO 2011/097329
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VERSATA DEVELOPMENT GROUP, INC.
Address of Applicant :401 Congress Ave.Suite 2650, Austin,
TX78701, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)KRISHNAN, Subramaniyan
2)KUMAR, Jay
3)PRASAD, Shankar

(57) Abstract :

A mobile communication plan offering system and method described herein determines one or more best-fit mobile communication plan offers for mobile communication device ("MCD") users. Subscribers can also be referred to as "mobile subscribers" or "subscribers". The mobile communication plan offers typically consist of one or more modifications to a plan (also referred to as packs) or a complete plan including a base plan plus a pack and are based on a mobile usage pattern of a subscriber. In at least one embodiment, the mobile communication plan offering system and method analyzes MCD usage behavior of a subscriber, processes the usage behavior and current spending of the subscriber, and determines a mobile communication plan offering that, if adopted, will result in a positive economic benefit to the subscriber compared with the subscriber's current plan.

No. of Pages : 34 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2121/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/08/2012

(43) Publication Date : 29/03/2013

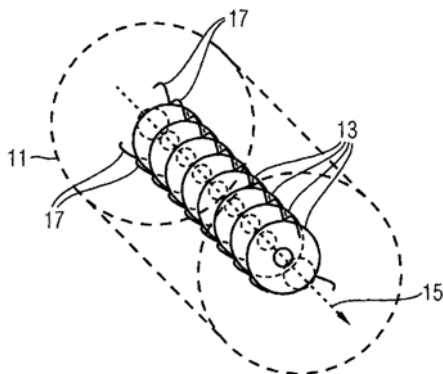
(54) Title of the invention : RF RESONATOR CAVITY AND ACCELERATOR

(51) International classification :H05H7/18,H05H7/22
(31) Priority Document No :10 2010 009 024.7
(32) Priority Date :24/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/051464
Filing Date :02/02/2011
(87) International Publication No :WO 2011/104079
(61) 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)HEID, Oliver

(57) Abstract :

The invention relates to an RF resonator cavity for accelerating charged particles (15), wherein an electromagnetic RF field can be coupled into the RF resonator cavity (11). During operation, the RF field acts on a particle beam (15) which traverses the RF resonator cavity (11). The invention is characterised in that at least one intermediate electrode (13) for increasing the dielectric strength (11) is arranged in the RF resonator cavity along the beam path of the particle beam (15), wherein the conductivity of the intermediate electrode (13) is limited such that upon coupling-in of the electromagnetic RF field at the operating frequency of the RF resonator cavity the intermediate electrode (13) is at least partially penetrated by the coupled in electromagnetic RF field.



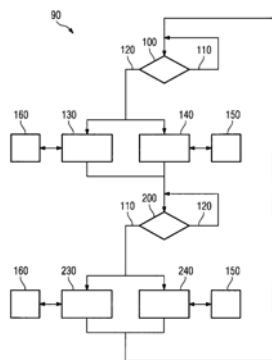
No. of Pages : 26 No. of Claims : 11

(54) Title of the invention : METHOD AND APPARATUS FOR SEPARATION OF CARBON DIOXIDE FROM AN OFF-GAS FROM A FOSSIL-FUELED POWER STATION

(51) International classification	:B01D53/14,F23J15/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 013 729.4	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:31/03/2010	Address of Applicant :Wittelsbacherplatz 2, 80333 München
(33) Name of priority country	:Germany	GERMANY
(86) International Application No	:PCT/EP2011/053175	(72)Name of Inventor :
Filing Date	:03/03/2011	1)ROST, Mike
(87) International Publication No	:WO 2011/120754	2)SCHNEIDER, Rüdiger
(61) Patent of Addition to Application Number	:NA	3)SCHRAMM, Henning
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns a separating device for carbon dioxide. The separating device substantially comprises an absorption unit, for taking up flue gas from a fossil-fired power generating plant, a desorption unit and a heat exchanger. The heat exchanger is connected on the primary side in a feeding manner via an inlet-side return line to the desorption unit and in a discharging manner via an outlet side return line to the absorption unit. On the secondary side the heat exchanger is connected in a feeding manner via an inlet side feed line to the absorption unit and in a discharging manner via an outlet side feed line to the desorption unit. Furthermore a first bypass line is provided by which the inlet side return line is connected to the outlet side feed line so that an at least largely closed first circuit is formed with the desorption unit and moreover a second bypass line is provided by which the inlet side feed line is connected to the outlet side return line, so that an at least largely closed second circuit is formed with the absorption unit.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1236/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : AN EMERGENCY SPLINT FOR SUPPORTING INJURED LIMB

(51) International classification

:A61F
5/058

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GHANSHAM DAS AGARWAL

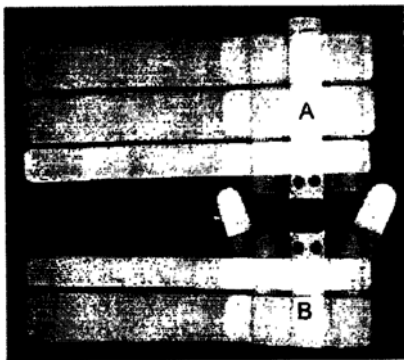
Address of Applicant :MODERN SURGICAL, 101A,
CHITTARANJAN AVENUE, KOLKATA-73, West Bengal India

(72)Name of Inventor :

1)GHANSHAM DAS AGARWAL

(57) Abstract :

This invention relates to an emergency splint for supporting injured limb comprising of a large part and a small part wherein the large part comprising of a plurality of longitudinal strips and the small part comprising of a plurality of transverse strips joined together such as herein described.



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

(54) Title of the invention : BALL BEARING EQUIPPED WITH ENCODER FOR DETECTING ROTATIONAL SPEED OF WHEEL OF TWO-WHEELED MOTOR VEHICLE, AND DEVICE FOR DETECTING ROTATIONAL SPEED OF WHEEL OF TWO-WHEELED MOTOR VEHICLE, THE DEVICE USING THE BALL BEARING

(51) International classification :F16C41/00,F16C19/06,F16C33/78
 (31) Priority Document No :2010-037041
 (32) Priority Date :23/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/053830
 Filing Date :22/02/2011
 (87) International Publication No :WO 2011/105366
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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(72)Name of Inventor :

1)KAKUDA, Kouichi

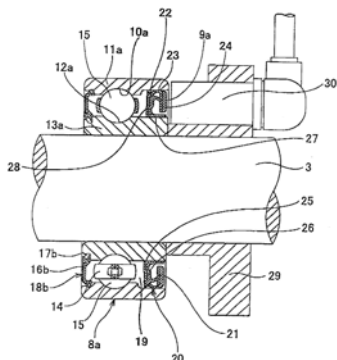
2)YAJIMA, Hirokazu

3)KIKUCHI, Aya

4)FUJIOKA, Takashi

(57) Abstract :

A ball bearing equipped with an encoder rotatably supports a wheel of a two-wheeled motor vehicle, can detect the rotational speed of the wheel, and sufficiently prevents foreign matter from entering into the space (19) within the bearing. The opening of an end of the space (19) within a bearing is closed by a combination seal ring (20) comprising a slinger (21) and a seal ring (22). A circular ring-shaped encoder (9a) is attached and affixed to the outer side surface of an outer circular ring section (24) of the slinger (21). The detection section of a sensor (30) is faced to the outer side surface of the encoder (9a) to enable the detection of the rotational speed of the wheel which rotates together with the outer ring (11a).



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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :01/08/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : FIELD EFFECT TRANSISTOR, DISPLAY ELEMENT, IMAGE DISPLAY DEVICE, AND SYSTEM

(51) International classification	:H01L29/786,H01L21/363	(71) Name of Applicant : 1)RICOH COMPANY, LTD. Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 JAPAN
(31) Priority Document No	:2010-031610	(72) Name of Inventor :
(32) Priority Date	:16/02/2010	1)UEDA, Naoyuki
(33) Name of priority country	:Japan	2)NAKAMURA, Yuki
(86) International Application No	:PCT/JP2011/053603	3)SONE, Yuji
Filing Date	:15/02/2011	4)ABE, Yukiko
(87) International Publication No	:WO 2011/102500	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A disclosed field effect transistor includes a gate electrode to which a gate voltage is applied, a source electrode and a drain electrode for acquiring a current in response to the gate voltage, an active layer provided adjacent to the source electrode and the drain electrode, the active layer being formed of an n-type oxide semiconductor, and a gate insulator layer provided between the gate electrode and the active layer. In the field effect transistor, the n-type oxide semiconductor is formed of an n-type doped compound having a chemical composition of a crystal phase obtained by introducing at least one of a trivalent cation, a tetravalent cation, a pentavalent cation and a hexavalent cation.

No. of Pages : 84 No. of Claims : 15

(54) Title of the invention : PACKAGING STRUCTURE FOR ABSORBENT ARTICLE AND METHOD FOR MANUFACTURING PACKAGING STRUCTURE

(51) International classification :A61F13/15,A61F13/472,A61F13/56
 (31) Priority Document No :2010-022625
 (32) Priority Date :03/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/052265
 Filing Date :03/02/2011
 (87) International Publication No :WO 2011/096485
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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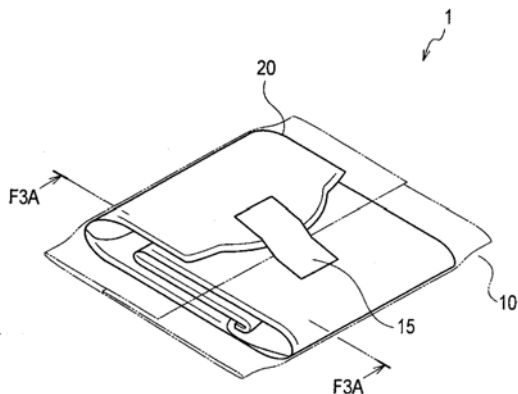
(72)Name of Inventor :

1)HASHINO, Akira

2)NODA, Yuki

(57) Abstract :

A packaging material (10) is provided only on the non-skin side surface of a third portion (32) and a fourth portion (33), and the length of the packaging material (10) in the longitudinal direction of a sanitary napkin (20) is less than the length of the sanitary napkin (20). A second portion (31) has a folding end section (20fe) which appears when a first folding section (44) is folded. The first folding section (44) is provided at a first portion (20a) side, opposes a first folding bent portion (41), of the sanitary napkin (20). The folding end section (20fe) is folded and bent onto the non-skin side surface of the second portion (31).



No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2125/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/08/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : CYCLOBUTANE AND METHYLCYCLOBUTANE DERIVATIVES AS JANUS KINASE INHIBITORS

(51) International classification :C07D487/04,A61K31/519,A61P17/00
(31) Priority Document No :61/305,630
(32) Priority Date :18/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/025433
Filing Date :18/02/2011
(87) International Publication No :WO 2011/103423
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LI, Yun-long
2)RODGERS, James, D.

(57) Abstract :

The present invention relates to cyclobutane and methylcyclobutane derivatives, as well as their salts, compositions, and methods of use, which are Janus kinase (JAK) inhibitors useful in the treatment of JAK-associated diseases including, for example, inflammatory and autoimmune disorders, as well as cancer and myeloproliferative disorders.

No. of Pages : 42 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2126/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/08/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR SCALING DUCKING OF SPEECH-RELEVANT CHANNELS IN MULTI-CHANNEL AUDIO

(51) International classification :G10L21/02,H04R5/04,H04S3/00
(31) Priority Document No :61/311,437
(32) Priority Date :08/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/026505
Filing Date :28/02/2011
(87) International Publication No :WO 2011/112382
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MUESCH, Hannes

(57) Abstract :

A method and system for filtering a multi channel audio signal having a speech channel and at least one non speech channel, to improve intelligibility of speech determined by the signal. In typical embodiments, the method includes steps of determining at least one attenuation control value indicative of a measure of similarity between speech-related content determined by the speech channel and speech related content determined by the non speech channel, and attenuating the non-speech channel in response to the at least one attenuation control value. Typically the attenuating step includes scaling of a raw attenuation control signal (e.g. a ducking gain control signal) for the non-speech channel in response to the at least one attenuation control value. Some embodiments are a general or special purpose processor programmed with software or firmware and/or otherwise configured to perform filtering in accordance the invention.

No. of Pages : 57 No. of Claims : 66

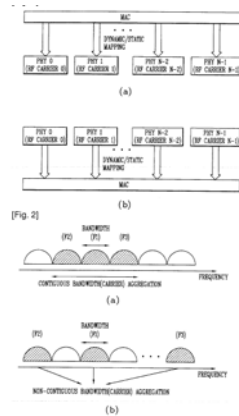
(54) Title of the invention : APPARATUS AND METHOD FOR TRANSMITTING UL FEEDBACK INFORMATION FOR CARRIER OVER A UL FEEDBACK CHANNEL IN A MULTICARRIER SYSTEM

(51) International classification :H04J11/00,H04B7/26,H04W72/04
 (31) Priority Document No :61/307,455
 (32) Priority Date :24/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/KR2011/001308
 Filing Date :24/02/2011
 (87) International Publication No :WO 2011/105840
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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 (72)Name of Inventor :
1)LEE, Eunjong
2)YUK, Youngsoo
3)RYU, Kiseon
4)CHUN, Jinyoung

(57) Abstract :

Disclosed herein is a method for transmitting feedback information on the downlink of a carrier to a base station in a multicarrier system, and the method may include receiving a first message including uplink feedback allocation information from the base station through a secondary carrier, and transmitting uplink feedback information on the secondary carrier to the base station over an assigned uplink feedback channel of a primary carrier when the secondary carrier is a downlink only activated carrier.



No. of Pages : 40 No. of Claims : 22

(54) Title of the invention : MOBILE COMMUNICATION METHOD, SWITCHER, AND SUBSCRIBER INFORMATION SERVER

(51) International classification :H04W8/04,H04W92/14
 (31) Priority Document No :2010-024863
 (32) Priority Date :05/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/052380
 Filing Date :04/02/2011
 (87) International Publication No :WO 2011/096516
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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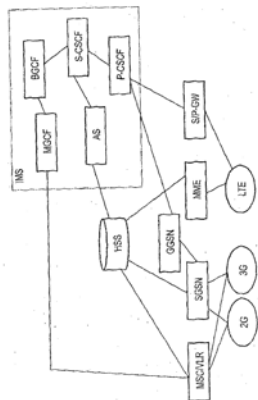
(72)Name of Inventor :

1)TANAKA, Itsuma

2)SUZUKI, Keisuke

(57) Abstract :

In the provided mobile communication method, a process to register the location of a mobile station (UE) includes the following steps: a step (A) in which a switcher (SGSN/MME) sends a subscriber information server (HSS) first information for determining whether or not IMS voice service provision capability is the same for each supported area; and a step (B) wherein, when the subscriber information server (HSS) receives a status inquiry from an application server (AS), the first information is used to determine whether or not the switcher (SGSN/MME) should be queried as to whether or not an IMS voice service can be provided to the area where the mobile station (UE) is.



No. of Pages : 45 No. of Claims : 9

(54) Title of the invention : SOLID ELECTROLYTE COMPOSITION, SOLID ELECTROLYTE, LITHIUM ION SECONDARY BATTERY, AND METHOD FOR PRODUCING LITHIUM ION SECONDARY BATTERY

(51) International classification :H01M10/0565,C08F299/00,C08K3/10
 (31) Priority Document No.:2010-027447
 (32) Priority Date :10/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/052694
 Filing Date :09/02/2011
 (87) International Publication No :WO 2011/099497
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ITOH,Takahito

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3)TAKEDA, Yasuo

4)IMANISHI, Nobuyuki

5)ITSUBO, Akira

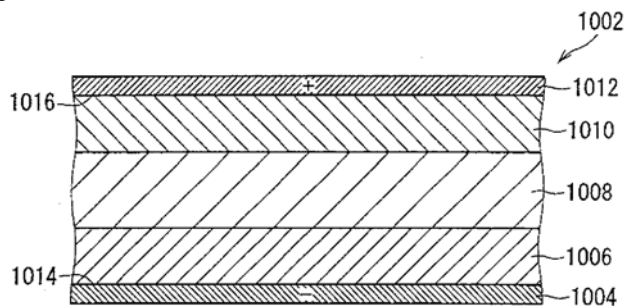
6)NOMURA, Eiichi

7)KATOH, Shigemitsu

8)OKUDA, Kiyotsugu

(57) Abstract :

Provided are a solid electrolyte composition and a solid electrolyte which exert excellent lithium ion conductivity and strength at low temperatures. Also provided are a lithium ion secondary battery and a method for producing a lithium ion battery in which the charging/discharging performance and the strength of the solid electrolyte layer are improved at low temperatures. The matrix of a solid electrolyte has a nanostructure in which a nonreactive polyalkylene glycol is held onto a co crosslinked product in which a highly branched polymer and a crosslinkable ethylene oxide multicomponent copolymer are chemically crosslinked. A lithium salt is dissolved in the matrix. A negative electrode active material layer is formed by dispersing a negative electrode active material and a conductive assistant in a lithium ion conductive solid electrolyte. A positive electrode active material layer is formed by dispersing a positive electrode active material and a conductive assistant in a lithium ion conductive solid electrolyte.



No. of Pages : 89 No. of Claims : 16

(54) Title of the invention : BLAST FURNACE OPERATION METHOD, IRON MILL OPERATION METHOD, AND METHOD FOR UTILIZING A GAS CONTAINING CARBON OXIDES

(51) International classification:C21B5/00,B01D53/04,C01B31/18

(31) Priority Document No :2010-045392

(32) Priority Date :02/03/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/054647
Filing Date :01/03/2011

(87) International Publication No :WO 2011/108546

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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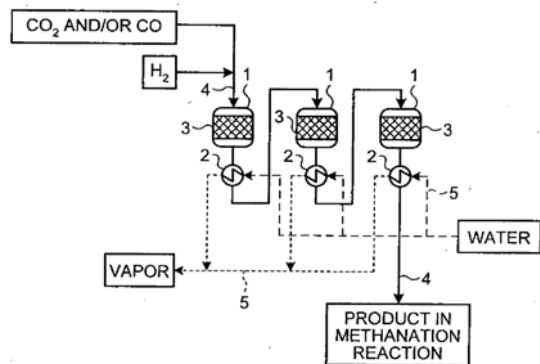
4)TAKAGI, Katsuhiko

5)NOUCHI, Taihei

6)FUJIBAYASHI, Akio

(57) Abstract :

Provided are a blast furnace operation method, iron mill operation method, and method for utilizing a gas containing carbon oxides, comprising: a step (A1) for separating and collecting CO₂ and/or CO from a mixed gas containing CO₂ and/or CO; a step (A2) for adding hydrogen to the CO₂ and/or CO separated and collected in step (A1), and converting the CO₂ and/or CO to CH₄; a step (A3) for separating and removing H₂O from the gas that has passed through step (A2); and a step (A4) for blowing the gas that passed through step (A3) into a blast furnace. CO₂ and/or CO are separated and recovered from a mixed gas and converted (reformed) into CH₄ the CH₄ is blown into a blast furnace, and the CH₄ functions as a heat source and reducing agent. As a result, a blast furnace that effectively utilizes CO₂ and/or CO can be operated at low cost, and the amount of CO₂ generated can be reduced.



No. of Pages : 92 No. of Claims : 31

(54) Title of the invention : 'WIRELESS TRANSMITTER/RECEIVER, WIRELESS COMMUNICATION DEVICE, AND WIRELESS COMMUNICATION SYSTEM'

(51) International classification :H04W52/02,H04B1/16,H04B1/40

(31) Priority Document No :2010-037815

(32) Priority Date :23/02/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/IB2011/000339

Filing Date :22/02/2011

(87) International Publication No :WO 2011/104603

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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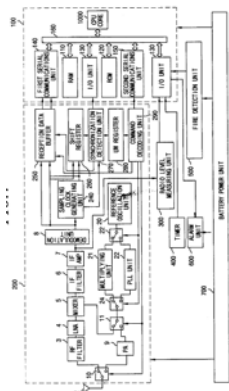
3)YOSHIKI Kazuhisa

4)KURITA Masanori

5)SUZUKI Junichi

(57) Abstract :

Disclosed is a wireless transmitter/receiver provided with: a local oscillator which oscillates at a predetermined local oscillator frequency; a mixer which mixes the local oscillator signal of the predetermined local oscillator frequency which is output from an output terminal of the local oscillator with a wireless signal received by antenna; a modulation circuit which modulates the local oscillator signal and generates a wireless signal; and a transmission/reception switching unit which alternatively switches between a ready-to-receive mode in which the output terminal of the local oscillator is connected to the mixer, and a ready-to-transmit mode in which the output terminal is connected to the antenna side, bypassing the mixer. The local oscillator is equipped with: a reference oscillator unit which oscillates at a predetermined reference oscillator frequency which is lower than the local oscillator frequency; a first frequency conversion unit and a second frequency conversion unit which convert the reference oscillator frequency signal of the reference oscillator frequency which is output from an output terminal of the reference oscillator unit to local oscillator signals; a first conversion unit which alternatively switches between a first input mode in which the output terminal of the reference oscillator unit is connected to an input terminal of the first frequency conversion unit, and a second input mode in which the output terminal of the reference oscillator unit is connected an input terminal of the second frequency conversion unit; and a second conversion unit which alternatively switches, in conjunction with the switching operation of the first conversion unit, between a first output mode in which the output terminal of the local oscillator unit is connected to the output terminal of the first frequency conversion unit, and a second output mode in which the output terminal of the local oscillator unit is connected to the output terminal of the second frequency conversion unit. The second frequency conversion unit comprises a voltage control oscillator, a phase comparator, a divider, a loop filter, and a phase locked loop which has a charge pump, and the first frequency conversion unit comprises a frequency multiplication circuit which has lower power consumption than the phase locked loop.



No. of Pages : 115 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :13/08/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : TREATMENT OF CARDIAC CONDITIONS

(51) International classification	:A61K38/26,A61P9/04
(31) Priority Document No	:61/296,657
(32) Priority Date	:20/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/DK2011/050018
Filing Date	:20/01/2011
(87) International Publication No	:WO 2011/088837
(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)SKOVGAARD, Marie

4) PEDERSEN, Henrik Duelund

5) AXELSEN, Lene

6) RIBER, Ditte

7) MEIER, Eddi

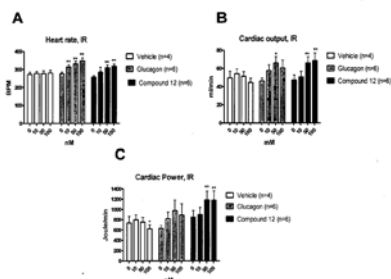
8)HANSEN, Rie Schultz

9)FOSGERAU, Keld

10) LARSEN, Bjarne Due

(57) Abstract :

The invention relates to the treatment of cardiac dysfunction. In particular, certain compounds, believed to be glucagon-GLP-1 dual agonist compounds, exert a positive inotropic effect while preserving the energy balance of the heart, and so may be superior to known inotropic agents such as dobutamine, norepinephrine and glucagon.



No. of Pages : 119 No. of Claims : 154

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING 99MTC

(51) International classification :C01G99/00,A61K51/02,G21G1/04
 (31) Priority Document No :10 2010 006 435.1
 (32) Priority Date :01/02/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/050728
 Filing Date :20/01/2011
 (87) International Publication No :WO 2011/092102
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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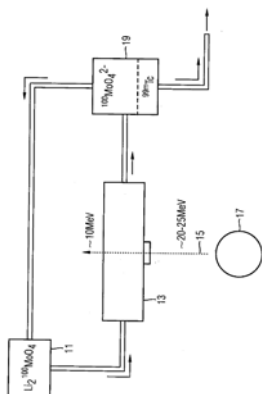
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(72)Name of Inventor :

1)BAURICHTER, Arnd**2)HEID, Oliver****3)HUGHES, Timothy**

(57) Abstract :

The invention relates to a method for producing 99mTc, consisting of the following steps; a solution (11, 21, 31) comprising 100Mo-molybdate-ions is used; a proton beam (15) having an energy which is suitable for inducing a 100Mo (p, 2n) 99mTc-nuclear reaction when exposing 100Mo-molybdate-ions is used; the solution is exposed to the proton beams (15) and a 100Mo(p, 2n) 99mTc-nuclear reaction is induced; an extraction method for extracting the 99mTc from the solution is used. The invention also relates to a device for producing 99mTc, comprising a solution (11, 21, 31) with 100Mo-molybdate-ions; an accelerator for providing a proton beam with energy which is suitable for inducing a 100Mo (p, 2n) 99mTc-nuclear reaction when exposing 100Mo-molybdate-ions; for exposing the solution and for inducing a 100Mo(p, 2n) 99mTc-nuclear reaction; an extraction step (19) for extracting 99mTc from the solution.



No. of Pages : 20 No. of Claims : 14

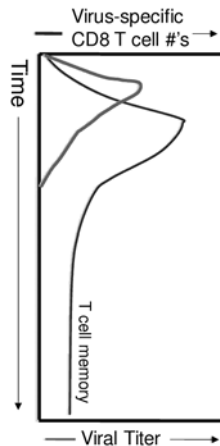
(54) Title of the invention : CYTOMEGALOVIRUS-BASED IMMUNOGENIC PREPARATIONS

(51) International classification :G01N33/569,C07K14/045,G01N33/574
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/US2010/022275
 Filing Date :27/01/2010
 (87) International Publication No :WO 2011/093858
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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 97201 UNITED STATES OF AMERICA
 (72)**Name of Inventor :**
1)HILL, Ann, B.
2)SNYDER, Christopher, M.

(57) Abstract :

This disclosure relates to methods of using recombinant replication deficient cytomegalovirus (CMV) to generate a long term repeatedly stimulated T cell based immune response in a subject for instance against a heterologous antigen expressed by the cytomegalovirus. It further relates to methods of using a recombinant replication deficient CMV as an anti cancer immunogenic preparation.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2130/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/08/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : INJECTOR FOR A FLEXIBLE OPHTHALMOLOGIC IMPLANT

(51) International classification	:A61F2/16
(31) Priority Document No	:10/00096
(32) Priority Date	:12/01/2010
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2010/003500
Filing Date	:22/12/2010
(87) International Publication No	:WO 2011/086418
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Alger ALGERIA
(72)**Name of Inventor :**
1)MOHABEDDINE, Sadek

(57) Abstract :

The invention relates to an injector characterised in that said injector comprises a general tappet (2) having two rods (3,4) one of which can engage with an ejection tappet (5) while the other can engage via the middle section of a folding tappet (8), with a mechanism enabling the implant (P) to be folded and inserted in a hollow needle (7) a means being provided for inhibiting, when desirable, the action of either one of the rods of the tappet.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2140/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/08/2012

(43) Publication Date : 29/03/2013

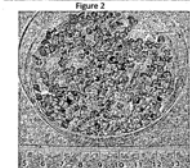
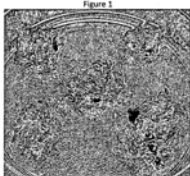
(54) Title of the invention : METHODS OF PLANT REGENERATION AND APPARATUS THEREFOR

(51) International classification :A01H4/00
(31) Priority Document No :2010900137
(32) Priority Date :13/01/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/000034
Filing Date :13/01/2011
(87) International Publication No :WO 2011/085446
(61) Patent of Addition 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)LAKSHMANAN, Prakash
2)MORDOCCO, Angela

(57) Abstract :

A method of preparation of a plant tissue fragment is provided wherein apical dominance of plant meristematic tissue is inhibited followed by fragmentation of the tissue. Also provided are methods of plant micro propagation and methods of artificial seed production using apical dominance suppression in preferably, a semi automated process. Also provided is a plant tissue processing machine that generates plant fragments with high regeneration efficiency and an artificial seed production apparatus.



No. of Pages : 63 No. of Claims : 90

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2152/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/08/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : CHEMICAL REACTORS WITH RE-RADIATING SURFACES AND ASSOCIATED SYSTEMS AND METHODS

(51) International classification :B01J19/08,B01J19/24,C01B3/36
(31) Priority Document No :61/304,403
(32) Priority Date :13/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024781
Filing Date :14/02/2011
(87) International Publication No :WO 2011/100704
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MCALISTER, Roy, Edward

(57) Abstract :

Chemical reactors with re-radiating surfaces and associated systems and methods. A reactor in accordance with a particular embodiment includes a reactor vessel having a reaction zone and a reactant supply coupled to the reactor vessel to direct a reactant (e.g. a hydrogen donor) into the reaction zone. The reactant has a peak absorption wavelength range over which it absorbs more energy than at non peak wavelengths. The reactor further includes a re-radiation component positioned at the reaction zone to receive radiation over a first spectrum having a first peak wavelength range and re radiate the radiation into the reaction zone over a second spectrum having a second peak wavelength range different than the first, and closer than the first to the peak absorption range of the reactant.

No. of Pages : 27 No. of Claims : 28

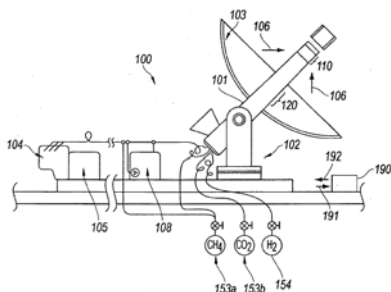
(54) Title of the invention : REACTOR VESSELS WITH PRESSURE AND HEAT TRANSFER FEATURES FOR PRODUCING HYDROGEN-BASED FUELS AND STRUCTURAL ELEMENTS, AND ASSOCIATED SYSTEMS AND METHODS

(51) International classification :C01B3/38,B01J19/24,B01J19/08
 (31) Priority Document No :61/304,403
 (32) Priority Date :13/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/024772
 Filing Date :14/02/2011
 (87) International Publication No :WO 2011/100696
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)MCALISTER TECHNOLOGIES, LLC
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 (72)Name of Inventor :
1)MCALISTER, Roy, Edward

(57) Abstract :

Reactor vessels with pressure and heat transfer features for producing hydrogen-based fuels and structural elements and associated systems and methods. A representative reactor system in accordance with a particular embodiment includes a first reaction zone and a heat path positioned to direct heat into the first reaction zone a reactant source coupled to the first reaction zone and a first actuator coupled to cyclically pressurize the first reaction zone. The system can further include a second reaction zone in fluid communication with the first a valve coupled between the first and second reaction zones to control a flow rate therebetween and a second actuator coupled in fluid communication with the second reaction zone to cyclically pressurize the second reaction zone. A first heat exchanger is positioned to direct heat from a first product leaving the first reaction zone to a reactant entering the first reaction zone and a second heat exchanger is positioned to direct heat from a second product leaving the second reaction zone to the reactant entering the first reaction zone. A controller is coupled to the first and second actuators and is programmed with instructions that when executed control the first and second actuators in a coordinated manner based at least in part on a flow rate of the second product from the second reaction zone.



No. of Pages : 29 No. of Claims : 27

(54) Title of the invention : REACTORS FOR CONDUCTING THERMOCHEMICAL PROCESSES WITH SOLAR HEAT INPUT, AND ASSOCIATED SYSTEMS AND METHODS

(51) International classification :B01J19/08,B01J19/24,C01B3/24
 (31) Priority Document No :61/304,403
 (32) Priority Date :13/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/024796
 Filing Date :14/02/2011
 (87) International Publication No :WO 2011/100716
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MCALISTER TECHNOLOGIES, LLC

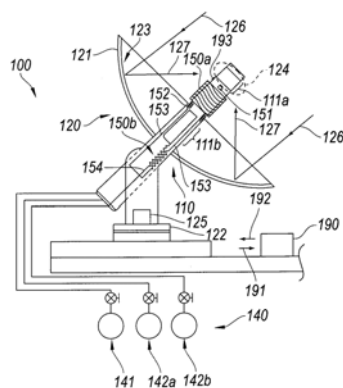
Address of Applicant :2350 W Shangri La Phoenix,
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(72)Name of Inventor :

1)MCALISTER, Roy, Edward

(57) Abstract :

Reactors for conducting thermochemical processes with solar heat input, and associated systems and methods. A system in accordance with a particular embodiment include a reactor having a reaction zone, a reactant source coupled in fluid in communication with the reactant zone, and a solar concentrator having at least one concentrator surface positionable to direct solar energy to a focal area. The system can further include an actuator coupled to the solar concentrator to move the solar concentrator relative to the sun, and a controller operatively coupled to the actuator. The controller can be programmed with instructions that, when executed, direct the actuator to position the solar concentrator to focus the solar energy on the reaction zone when the solar energy is above a threshold level, and direct the actuator to position the solar concentrator to point to a location in the sky having relatively little radiant energy to cool an object positioned at the focal area when the solar energy is below the threshold level.



No. of Pages : 32 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2155/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/08/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : COUPLED THERMOCHEMICAL REACTORS AND ENGINES, AND ASSOCIATED SYSTEMS AND METHODS

(51) International classification :F02M27/06,F02M27/02,F02B51/02
(31) Priority Document No :61/304,403
(32) Priority Date :13/02/2010
(33) Name of priority country:U.S.A.
(86) International Application No:PCT/US2011/024808
Filing Date :14/02/2011
(87) International Publication No :WO 2011/100728
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MCALISTER TECHNOLOGIES, LLC
Address of Applicant :2350 W Shangri La, Phoenix, Arizona
85029 UNITED STATES OF AMERICA
(72)Name of Inventor :
1)MCALISTER, Roy, Edward

(57) Abstract :

Coupled thermal chemical reactors and engines, and associated systems and methods. A system in accordance with a particular embodiment includes a reactor vessel having a reaction zone, a hydrogen donor source coupled in fluid communication with the reaction zone, and an engine having a combustion region. The system can further include a transfer passage coupled between the combustion region and the reaction zone to transfer a reactant and/or radiate energy to the reaction zone. The system can further include a product passage coupled between the reaction zone and the combustion region of the engine to deliver to the combustion region at least a portion of a constituent removed from the reaction zone.

No. of Pages : 23 No. of Claims : 21

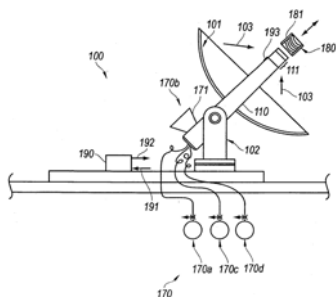
(54) Title of the invention : CHEMICAL REACTORS WITH ANNULARLY POSITIONED DELIVERY AND REMOVAL DEVICES, AND ASSOCIATED SYSTEMS AND METHODS

(51) International classification :B01J19/08,B01J19/20,C01B3/24
 (31) Priority Document No :61/304,403
 (32) Priority Date :13/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/024761
 Filing Date :14/02/2011
 (87) International Publication No :WO 2011/100689
 (61) Patent of Addition 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)MCALISTER, Roy, Edward

(57) Abstract :

Chemical reactors with annularly positioned delivery and removal devices, and associated systems and methods. A reactor in accordance with a particular embodiment includes a reactor vessel having a light-transmissible surface proximate to a reaction zone and a movable reactant delivery system positioned within the reactor vessel. The reactor can further include a product removal system positioned within the reactor vessel and positioned annularly inwardly or outwardly from the delivery system. A solar concentrator is positioned to direct solar radiation through the light transmissible surface to the reaction zone.



No. of Pages : 29 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2157/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/08/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : REACTOR VESSELS WITH TRANSMISSIVE SURFACES FOR PRODUCING HYDROGEN-BASED FUELS AND STRUCTURAL ELEMENTS, AND ASSOCIATED SYSTEMS AND METHODS

(51) International classification :C01B3/36,B01J19/24,B01J19/08
(31) Priority Document No :61/304,403
(32) Priority Date :13/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024776
Filing Date :14/02/2011
(87) International Publication No :WO 2011/100699
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MCALISTER, Roy, Edward

(57) Abstract :

Reactor vessels with transmissive surfaces for producing hydrogen-based fuels and structural elements, and associated systems and methods. A chemical reactor in accordance with a particular embodiment includes a reactor vessel having a reaction zone, a hydrogen donor source coupled in fluid communication with the reaction zone, and a steam source coupled in fluid communication with the reaction zone. The reactor further includes a transmissive surface at the reaction zone, with the transmissive surface being transmissive to a reactant entering the reaction zone and/or radiant energy entering the reaction zone.

No. of Pages : 33 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.321/KOL/2012 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

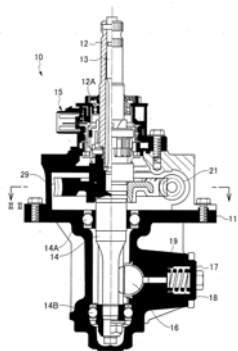
(54) Title of the invention : MOTOR-DRIVEN POWER STEERING APPARATUS

(51) International classification :B62D
05/04
(31) Priority Document No :2011-
213358
(32) Priority Date :28/09/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)OKAMOTO, KOICHI
3)SHINOZAKI, MASAKAZU
4)WATANABE, NAOMASA
5)SUZUKI, TSUKASA
6)MIYAZAKI, MASANOBU

(57) Abstract :

In a motor driven power steering apparatus having a preload means which energizes a bearing of a worm gear in a predetermined preload direction, the preload means has a guide case as well as having a bearing case, and the guide case accommodating the bearing case in which the bearing and a spring are accommodated is attached to an attaching portion which is provided in a gear housing.



No. of Pages : 39 No. of Claims : 11

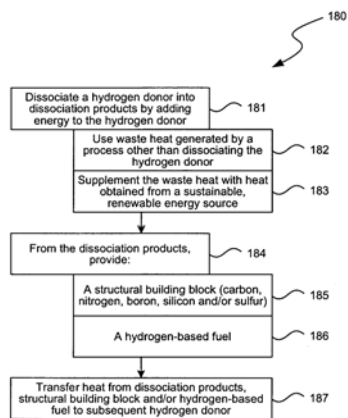
(54) Title of the invention : CHEMICAL PROCESSES AND REACTORS FOR EFFICIENTLY PRODUCING HYDROGEN FUELS AND STRUCTURAL MATERIALS, AND ASSOCIATED SYSTEMS AND METHODS

(51) International classification :C01B3/36,B01J19/08,B01J19/24
 (31) Priority Document No :61/304,403
 (32) Priority Date :13/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/024804
 Filing Date :14/02/2011
 (87) International Publication No :WO 2011/100724
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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 85029 UNITED STATES OF AMERICA
 (72)Name of Inventor :
1)MCALISTER, Roy, Edward

(57) Abstract :

Chemical processes and reactors for efficiently producing hydrogen fuels and structural materials and associated systems and methods. A representative process includes dissociating a hydrogen donor into dissociation products by adding energy to the hydrogen donor, wherein the energy includes waste heat generated by a process other than dissociating the hydrogen donor. The process can further include providing, from the dissociation products, a structural building block and/or a hydrogen based fuel, with the structural building block based on carbon, nitrogen, boron, silicon, sulfur, and/or a transition metal.



No. of Pages : 35 No. of Claims : 21

(54) Title of the invention : CATALYSTS AND PROCESSES FOR THE HYDROGENOLYSIS OF GLYCEROL AND OTHER ORGANIC COMPOUNDS FOR PRODUCING POLYOLS AND PROPYLENE GLYCOL

(51) International classification :B01J23/83,B01J23/89,C07C29/128
 (31) Priority Document No :12/711,020
 (32) Priority Date :23/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/057069
 Filing Date :17/11/2010
 (87) International Publication No :WO 2011/106046
 (61) Patent of Addition 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)MALE, Jonathan, L.

2)BROWN, Heather, M.

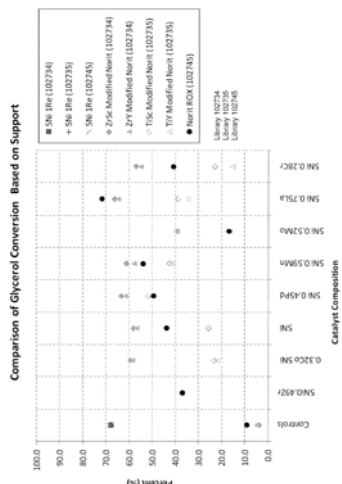
3)FRYE, John, G.

4)SANTOSA, Daniel, M.

5)ZACHER, Alan, H.

(57) Abstract :

Catalysts for replacing rhenium- containing multimetallic catalysts for the hydrogenolysis of organic compounds to desired polyols, including the conversion of glycerol to propylene glycol, are described. The catalysts are carried on carbon supports, as well as carbon supports impregnated with Zirconium Scandium (ZrSc), Zirconium Yttrium (ZrY), Titanium Scandium (TiSc), or Titanium Yttrium (TiY) to texture the carbon support and to create oxygen-ion vacancies that can be used during the desired reactions. Processes for the hydrogenolysis of organic compounds to desired polyols using the disclosed catalysts, including the conversion of glycerol to propylene glycol, are also described.



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

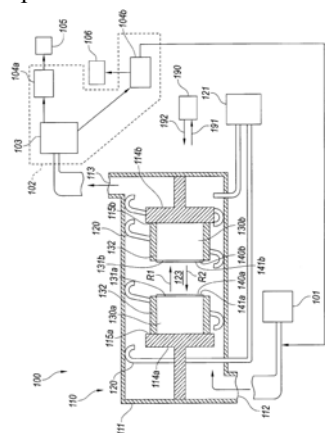
(54) Title of the invention : INDUCTION FOR THERMOCHEMICAL PROCESSES, AND ASSOCIATED SYSTEMS AND METHODS

(51) International classification :C01B3/24,C01B31/02,B01J19/24
 (31) Priority Document No :61/304,403
 (32) Priority Date :13/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/024802
 Filing Date :14/02/2011
 (87) International Publication No :WO 2011/100722
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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 (72)Name of Inventor :
1)MCALISTER, Roy, Eward

(57) Abstract :

Induction for thermochemical processes, and associated systems and methods. A method in accordance with a particular embodiment includes placing first and second substrates in a reactor, with each substrate having a surface facing toward the other. Method can further include directing a precursor gas into the reactor and activating an induction coil proximate to the facing surfaces of the substrates to dissociate the precursor gas. A constituent of the precursor gas is deposited on both the first and second surfaces, and heat radiated from each surface and/or a constituent deposited on the surface is received at the other surface and/or the constituent deposited on the other surface.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2160/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/08/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : LASER ADDITIVE

(51) International classification :C09C1/02,C09C1/30,C09C1/42
(31) Priority Document No :10 2010 004 743.0
(32) Priority Date :14/01/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/007741
Filing Date :17/12/2010
(87) International Publication No :WO 2011/085779
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)EDLER, Gerhard
2)KNIESS, Helge Bettina
3)BERNHARDT, Klaus

(57) Abstract :

The invention relates to a laser additive in the form of particles comprising a white core and a casing that contains elemental carbon, to a method for the production thereof, and to the use of such a laser additive in organic polymers, in particular in plastics, paints, automobile paints, powder coatings, printing inks, paper coatings, and paper pulps to produce permanent light laser markings on a preferably dark base.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1249/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011

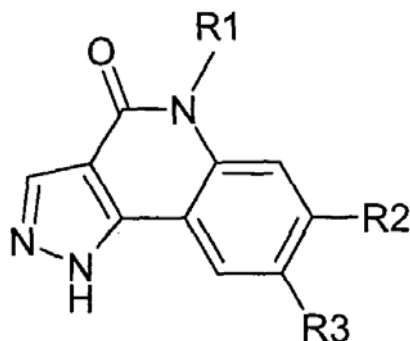
(43) Publication Date : 29/03/2013

(54) Title of the invention : PYRAZOLOQUINOLINONE DERIVATIVES, PREPARATION THEREOF AND THERAPEUTIC USE THEREOF

(51) International classification	:C07D 471/04	(71)Name of Applicant : 1)SANOFI
(31) Priority Document No	:NA	Address of Applicant :174 AVENUE DE FRANCE, 75013
(32) Priority Date	:NA	PARIS FRANCE
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)GUILLO, NATHALIE
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to compounds corresponding to formula (I) in which R1, R2 and R3 are as defined in Claim 1, and also to the process for preparing them and to their therapeutic use.



No. of Pages : 147 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1261/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 29/03/2013

(54) Title of the invention : A WATER COOLED DISTRIBUTOR WITH SCREW TYPE BUBBLE CAP NOZZLES FOR AIR/STEAM DISTRIBUTION IN HIGH PRESSURE FLUIDIZED BED GASIFICATION SYSTEM

(51) International classification

:C04B

7/45

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI

FORT, NEW DELHI-110049, INDIA

(72)Name of Inventor :

1)PALANISAMY PURUSHOTHAMAN

2)VENGATACHALAM PERIAKARUPPAN

(57) Abstract :

A water cooled distributor with screw type bubble cap nozzles for air / steam distribution in a high pressure fluidized bed gasification system, comprising: a shaped fluidizing bed chamber (06) enclosed by a refractory brick lining (07) to accommodate the high pressure and temperature fluidized bed; a non-fluidized bed material (08) uniformly spread over the distributor acts as a thermal insulator and protects the distributor from high temperature; and a plurality of screw type bubble caps (09) having a plurality of fluidizing nozzles (10) to feed air or a mixture of air and steam and uniformly distribute at optimum velocity for fluidizing the material in the fluidizing bed chamber (06) such that the formation of agglomerates is minimized by rapid and thorough mixing of the bed material including easy extraction of bed ash.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1990/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/08/2012

(43) Publication Date : 29/03/2013

(54) Title of the invention : READ THROUGH INDUCER, AND THERAPEUTIC AGENT FOR NONSENSE-MUTATION-TYPE GENETIC DISEASES

(51) International classification :A61K31/7036,A61P1/16,A61P3/04
(31) Priority Document No :2010-021817
(32) Priority Date :03/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/052263
Filing Date :03/02/2011
(87) International Publication No :WO 2011/096484
(61) Patent of Addition 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 :14-23, Kamiosaki 3-chome, Shinagawa-ku, Tokyo 1410021 JAPAN
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(72)Name of Inventor :
1)MATSUDA, Ryoichi
2)SHIOZUKA, Masataka
3)WAGATSUMA, Akira
4)TAKAHASHI, Yoshikazu
5)IKEDA, Daishiro
6)NONOMURA, Yoshiaki
7)MATSUO, Masafumi
8)NISHIDA, Atsushi

(57) Abstract :

A read through inducer for an immature termination codon formed by a nonsense mutation, which comprises a compound represented by structure formula (A); and a therapeutic agent for nonsense-mutation-type genetic diseases, which comprises the read through inducer.

No. of Pages : 35 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2131/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/08/2012

(43) Publication Date : 29/03/2013

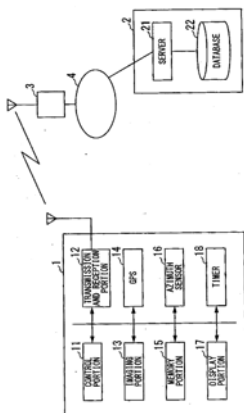
(54) Title of the invention : 'IMAGING DEVICE, INFORMATION ACQUISITION SYSTEM AND PROGRAM'

(51) International classification :H04N5/225,H04N5/91
(31) Priority Document No :2010-025998
(32) Priority Date :08/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/052498
Filing Date :07/02/2011
(87) International Publication No :WO 2011/096561
(61) Patent of Addition 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)INOUE, Hideya

(57) Abstract :

The disclosed imaging device is provided with: an imaging unit that images a subject; a position information acquisition unit that acquires position information of the position of imaging; a control unit that acquires information regarding the aforementioned subject on the basis of the aforementioned position information and displays on a display unit image data of the aforementioned subject and the aforementioned information regarding the subject; and a hold control unit that outputs to the aforementioned control unit a hold control signal that holds the aforementioned image data of the subject and the aforementioned information regarding the subject.



No. of Pages : 76 No. of Claims : 16

(54) Title of the invention : THERMAL TRANSFER DEVICE AND ASSOCIATED SYSTEMS AND METHODS

(51) International classification :F24J3/08,F25B30/06
 (31) Priority Document No :61/304,403
 (32) Priority Date :13/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/024814
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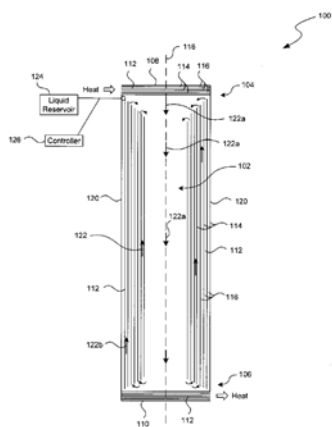
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(57) Abstract :

Embodiments of thermal transfer devices and associated systems and methods are disclosed herein. In one embodiment, a thermal transfer system can include a conduit that has an input portion, an output portion, and a sidewall between the input and output portions. Heat can enter the conduit at the input portion and exit the conduit at the output portion. The thermal transfer system can further include an end cap proximate to a terminus of the conduit. A working fluid can circulate through the conduit utilizing a vaporization-condensation cycle. The thermal transfer device can also include an architectural construct having a plurality of parallel layers of a synthetic matrix characterization of a crystal.



No. of Pages : 56 No. of Claims : 53

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 NUMBE R	APPLICANTS	TITLE	DATE OF CESSATION	APPROP RIATE OFFICE
243411	DR. SRIKANTH S.	THE NAVEL BRUSH FOR CLEANING UMBILICUS	25/01/2012	CHENNAI
197983	M/S. DALMIA ELECTRODYN TECHNOLOGIES PRIVATE LIMITED	A MULTISPEED MOTOR CONTROLLER	01/09/2011	CHENNAI
197944	M/S. DALMIA ELECTRODYN TECHNOLOGIES PRIVATE LIMITED	A PORTABLE ELECTRIC TOOL	01/09/2011	CHENNAI
244427	M/S. TAMIL NADU AGRICULTURAL UNIVERSITY	CONSTRUCTION OF NEW CHIMERIC CRY2AX1 GENE OF BACILLUS THURINGIENSIS ENCODING PROTEIN WITH ENHANCED INSECTICIDAL ACTIVITY	28/07/2012	CHENNAI
244800	1. SHRI. VARKEY MATHEW 2. SHRI. CHELOOR KRISHNAN NAIR UNNIKRISHNAN NAIR 3. SHRI. PADMANABHAN SIVASANKARAN	PROCESS FOR MAKING POLYMERIC MATERIAL OF CELLULOSE NANOFIBER FROM WASTES OF PLANTAIN AND BANANA PLANTS	01/11/2012	CHENNAI
200787	M/S. INTERNATIONAL ADVANCED RESEARCH CENTRE FOR POWDER METALLURGY AND NEW MATERIALS (ARCI)	CERAMIC HONEYCOMB BASED ENERGY EFFICIENT AIR HEATER	07/01/2012	CHENNAI
200272	M/S. INTERNATIONAL ADVANCED RESEARCH CENTRE FOR POWDER METALLURGY AND NEW MATERIALS (ARCI)	IMPROVED PROCESS FOR THE PREPARATION OF MAGNESIUM ALUMINATE SPINEL GRAINS	07/01/2012	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any "person interested" in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	185696	505/DEL/1996	11/03/1996		"A PROCESS FOR THE PREPARATION OF CYCLOTRIVERATRYLENE (CTV) MOLECULES USEFUL AS POTENTIAL CARRIER OF METAL IONS"	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH		DELHI
2	186120	1268/DEL/1997	13/05/1997		"A PROCESS FOR THE PREPARATION OF A FORMULATION USEFUL AS MOSQUITO AND INSECT REPELINT"	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	19/09/2008	DELHI
3	186422	1264/DEL/1997	13/05/1997		"AN IMPROVED PROCESS FOR THE PRODUCTION OF CATALASE"	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	19/09/2008	DELHI
4	191794	533/DEL/2000	25/05/2000		" AN IMPROVED PROCESS FOR THE PREPARATION OF STABLE IMMOBILIZED BIOCATALYST."	COUNCIL OF SCIENTIFIIC AND INDUSTRIAL RESEARCH	19/09/2008	DELHI
5	197448	625/DEL/1996	25/03/1996		"PROCESS FOR THE CATALYTIC VAPOUR PHASE OXIDATION OF ETHYLENE"	SHELL INTERNATIONAL E RESEARCH MAATSCHAPPIJ B.V	25/03/2005	DELHI
6	197468	699/DEL/1996	29/03/1996	31/03/1995	"METHOD OF CONFIGURING A TRANSACTION EVIDENCING DEVICE"	PITNEY BOWES, INC.	25/03/2005	DELHI
7	255767	3963/DELNP/2005	05/03/2004	05/05/2003	"HIGH PRODUCTIVITY SPANDEX FIBER PROCESS AND PRODUCT"	INVISTA TECHNOLOGIES S.A.R.L.	28/09/2007	DELHI
8	255778	3572/DELNP/2004	13/05/2003	14/05/2002	"A FORMULATION COMPRISING AT LEAST ONE QUATERNIZED AMINOALKYLSILOXANE"	BAYER AKTIENGESELLSCHAFT,GE BAYER SILICONES GMBH & CO. KG.	27/11/2009	DELHI
9	255779	2334/DELNP/2006	08/10/2004	22/10/2003	CABLE CONNECTOR	TYCO ELECTRONICS BRAZIL LTDA	03/08/2007	DELHI
10	255780	256/DEL/2005	08/02/2005	26/02/2004	"PROCESS FOR PRODUCING COMPONENTS OR SEMI-FINISHED PRODUCTS CONTAINING INTERMETALLIC TITANIUM ALUMINIDE ALLOYS"	HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUR MATERIAL - UND KUSTENFORSCHUNG GMBH	01/12/2006	DELHI

11	255783	5464/DELNP/2006	16/02/2005	25/02/2004	"A METHOD FOR PRODUCING A FIBROUS WEB"	CONCERT GMBH	03/08/2007	DELHI
12	255788	2470/DEL/2006	16/11/2006		"A PROCESS FOR DEMINERALIZATION AND DESULPHURIZATION OF COAL USING SODIUM CARBONATE AND ACID SOLUTIONS"	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	23/05/2008	DELHI
13	255792	3394/DELNP/2006	21/12/2004	22/12/2003	"A THERMOFORMABLE FILM LAMINATE"	DUPONT TEIJIN FILMS U.S. LIMITED PARTNERSHIP	04/05/2007	DELHI
14	255793	6258/DELNP/2006	21/03/2005	27/04/2004	"ELECTRONIC CONTROL DEVICE AND METHOD FOR CONTROLLING THE OPERATION OF MOTOR VEHICLE COMPONENTS "	CONTINENTAL AUTOMOTIVE GMBH	31/08/2007	DELHI
15	255796	3400/DEL/2005	19/12/2005		"CHLORINE SUPPLY REGULATOR FOR POTABLE WATER"	MULTAN SINGH	19/05/2006	DELHI
16	255797	4193/DELNP/2004	26/06/2003	01/07/2002	"A METHOD OF PROCESSING OF RESISTIVITY MEASUREMENTS MADE OF AN EARTH FORMATION"	BAKER HUGHES INCORPORATED	20/11/2009	DELHI
17	255812	2170/DELNP/2006	29/10/2004	07/11/2003	"AN ANTENNA SYSTEM AND A METHOD FOR CONTROLLING ELECTRICALLY THE PHASE OF SIGNALS TRANSMITTED AND/OR RECEIVED BY THE ANTENNA SYSTEM"	QUINTEL TECHNOLOGY LIMITED	20/04/2007	DELHI
18	255813	2174/DELNP/2007	28/06/2005	23/09/2004	A METHOD FOR OPERATING A RADIO COMMUNICATION SYSTEM COMPRISING NETWORK SIDE AND SUBSCRIBER-SIDE RADIO STATIONS	NOKIA SIEMENS NETWORKS GmBH & CO. KG	04/05/2007	DELHI
19	255814	2444/DELNP/2005	19/12/2003	20/12/2002	"A POLYMERIZATION PROCESS USING HYDROFLUOURCARBON DILUENTS"	EXXONMOBIL CHEMICAL PATENTS INC.	06/04/2007	DELHI
20	255815	3095/DELNP/2004	19/04/2003	19/04/2002	METHOD AND APPARATUS FOR DIVERSITY ERROR CONTROL CODING AND DECODING	THOMSON LICENSING S.A.	09/10/2009	DELHI
21	255816	5033/DELNP/2006	24/02/2005	26/02/2004	"SHAVING BLADE UNIT"	THE GILLETTE COMPANY	10/08/2007	DELHI
22	255821	2256/DEL/2004	11/11/2004		"A PROCESS FOR PREPARING A SYNTHETIC PATCH"	GHANSHAYM DAS AGRAWAL	23/04/2010	DELHI
23	255822	2965/DELNP/2006	12/11/2004	12/11/2003	HYDROXY PIPERIDINE DERIVATIVES TO TREAT GAUCHER DISEASE.	AMICUS THERAPEUTICS INC.	31/08/2007	DELHI
24	255823	1167/DEL/2001	20/11/2001	30/12/2000	"HYDRAULIC CONTROL SYSTEM FOR AUTOMATIC TRANSMISSION"	HYUNDAI MOTOR COMPANY	29/12/2006	DELHI
25	255826	3854/DELNP/2007	22/12/2005	23/11/2004	"A FLUID CATALYTIC CRACKING PROCESS AND AN APPARATUS EMPLOYED FOR THE SAME"	LUMMUS TECHNOLOGY INC.	31/08/2007	DELHI

26	255827	6405/DELNP/2006	22/04/2005	19/05/2004	"PROCESS FOR THE SELECTIVE REMOVAL OF CARBONYLATION CATALYTIC METAL"	BP CHEMICALS LIMITED	31/08/2007	DELHI
27	255842	1224/DEL/2006	18/05/2006 15:47:58		"RARE-EARTH OXIDE DISPERSED SINTERED STAINLESS STEELS"	INDIAN INSTITUTE OF TECHNOLOGY KANPUR	23/11/2007	DELHI
28	255847	1991/DEL/2005	27/07/2005		"AN ABRASIVE FLOW FINISHING DEVICE"	INDIAN INSTITUTE OF TECHNOLOGY, KANPUR	13/07/2007	DELHI
29	255848	7585/DELNP/2007	21/02/2006	08/04/2005	"PHOTOCHROMIC MATERIALS WITH REACTIVE SUBSTITUENTS"	TRANSITIONS OPTICAL, INC	09/11/2007	DELHI
30	255850	4494/DELNP/2007	16/12/2004	16/12/2004	"ELEVATOR SYSTEM WITH MULTIPLE CARS IN A HOISTWAY"	OTIS ELEVATOR COMPANY	31/08/2007	DELHI
31	255851	7874/DELNP/2007	20/03/2006	18/03/2005	"TONER"	BATTELLE MEMORIAL INSTITUTE	04/07/2008	DELHI
32	255856	220/DEL/2007	02/02/2007	02/02/2006	'A METHOD FOR REMOVING IMPURITIES FROM BIODIESEL'	RENEWABLE ENERGY GROUP, INC., CROWN IRON WORKS CO.	31/08/2007	DELHI
33	255858	5496/DELNP/2007	02/02/2006	17/02/2005	"A CATAMENIAL DEVICE"	THE PROCTER & GAMBLE COMPANY	17/08/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	167968	187/BOM/1989	10/07/1989		AN IMPROVED PROCESS FOR THE SYNTHESIS OF NORDIZEPAN	SHRINIVAS P. ACHARYA, RAVINDRA B. PALKAR	09/09/1989	MUMBAI
2	168410	280/BOM/1989	16/10/1989		A PROCESS FOR THE PRODUCTION OF A NOVEL ANTIBIOTIC ALISAMYCIN FROM A NOVEL MICROBIAL STRAIN STREPTOMYCES SPECIES CULTURE NUMBER HIL V-88,31582, ITS MUTANTS OR VARIANTS.	HOECHST INDIA LIMITED.	09/12/1989	MUMBAI
3	168712	8/BOM/1989	03/01/1989		ELECTRONIC ENGINE MONITOR	BHALCHANDRA KRISHNAJI PATWARDHAN	25/02/1989	MUMBAI
4	168814	59/BOM/1989	07/03/1989		IMPROVED CLEANING BRUSHES.	MOHAN MAHADEV GUPTA	06/05/1989	MUMBAI
5	169423	44/BOM/1989	23/02/1989		A NOVEL ELECTRO CHLORINATOR HAVING A NOVEL ELECTRODE SYSTEM COMPRISING A PAIR OF ELECTRODE ASSEMBLES	ION EXCHANGE(INDIA) LIMITED	08/04/1989	MUMBAI
6	169444	133/BOM/1989	18/05/1989		A PROCESS FOR PREPARING AN ORAL COMPOSITION FOR THE TREATMENT OF SENSITIVE TEETH.	HINDUSTAN LEVER LIMITED.	07/01/1989	MUMBAI
7	169445	256/BOM/1989	18/09/1989		STATIC FLOCCULATOR	ANAND GOVIND BHOLE	07/12/1991	MUMBAI
8	169829	170/BOM/1989	21/06/1989	21/06/1988	METHOD FOR REFINING GLYCERIDEN OILS	HINDUSTAN LEVER LIMITED	19/08/1989	MUMBAI
9	169913	14/BOM/1989	12/01/1989		AN IMPROVED BATCH TYPE VACUUM PAN FOR SUGAR CRYSTALLISATION FOR CONTINUOUS DELIVERY OF THE SAME.	PRAMOD KUMAR BELSARE	25/02/1989	MUMBAI
10	169919	90/BOM/1989	10/04/1989		PROCESS FOR THE PURIFICATION OR REGENERATION OF CONTAMINATED OR SPENT SULFOLANE	INDIAN PETROCEMICALS CORPORATION LIMITED	03/06/1989	MUMBAI
11	170497	296/BOM/1989	02/11/1989		PROCESS FOR PREPARING A HIGH BULK DENSITY GRANULAR DETERGENT COMPOSITION	HINDUSTAN LEVER LIMITED.	30/12/1989	MUMBAI

12	171067	36/BOM/1989	08/02/1989		NEUTRAL FAILURE PROTECTION RELAY IN ELECTRICAL DISTRIBUTION SYSTEM	MARATHE RESEARCH FOUNDATION	01/04/1989	MUMBAI
13	171121	192/BOM/1989	12/07/1989		IMPROVED FLEXIBLE COOLING SYSTEME USING CHILLED WATER AND CONDENSER-FAN UNITS	SURENDRA HIMMATLAL SHAH	09/09/1989	MUMBAI
14	172452	324/BOM/1989	21/11/1989		DIFFERENTIAL PROTECTIVE RELY APPARATUS	MITSUBISHI DENKI KABUSHIKI KAISHA	13/01/1990	MUMBAI
15	255804	3/MUM/2009	01/01/2009 16:19:46		B-STAGE POLYESTER RESIN IMPREGNATED POLYESTER-FIBREGLASS FABRIC TAPE AND THE PROCESS OF MANUFACTURING THE SAME	PRS SOLUTIONS PRIVATE LIMITED	13/02/2009	MUMBAI
16	255810	IN/PCT/2000/00691/MUM	02/06/1999	03/06/1998	AMMONIUM NITRATE BODIES AND A PROCESS FOR THEIR PRODUCTION	JOHN COOPER,,MICHAEL BRUES, ,NEOL HSU, ,RONALD O.PEDDIE,	06/05/2005	MUMBAI
17	255819	2302/MUM/2007	22/11/2007		A ROTARY TOOL FOR DRILLING AND METHOD OF DRILLING THEREOF	TATA MOTORS LIMITED	28/12/2007	MUMBAI
18	255839	1164/MUMNP/2009	21/12/2007	28/12/2006	SAPPHIRE SUBSTRATES AND METHODS OF MAKING SAME	SAINT-GOBAIN CERAMICS & PLASTICS, INC.	17/07/2009	MUMBAI
19	255841	1570/MUM/2005	14/12/2005		INDUSTRIAL PROCESS FOR THE MANUFACTURE OF LAMIVUDINE	EMCURE PHARAMACEUTICALS LTD.	13/07/2007	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	255790	1854/CHENP/2004	16/01/2003	23/01/2002	REFRACTORY PROTECTED, REPLACEABLE INSERT FOR A GASIFIER"	GE ENERGY (USA) LLC	23/06/2006	CHENNAI
2	255794	1180/CHE/2008	14/05/2008 16:00:49	15/05/2007	CONTAINERIZED GAS SEPARATION SYSTEM	AIR PRODUCTS AND CHEMICALS, INC.	21/08/2009	CHENNAI
3	255807	1986/CHE/2005	30/12/2005		METHOD FOR TRACKING AN OBJECT USING A MOBILE DEVICE	SAMSUNG INDIA SOFTWARE OPERATIONS PVT. LTD.	09/05/2008	CHENNAI
4	255818	3717/CHENP/2006	01/04/2005	08/04/2004	SKIN ANTISEPTIC COMPOSITION DISPENSER	3M INNOVATIVE PROPERTIES COMPANY	15/06/2007	CHENNAI
5	255824	2959/CHENP/2004	12/05/2003	16/07/2002	"CONTINUOUS TORQUE INVERSE DISPLACEMENT ASYMMETRIC ROTARY ENGINE"	LUMENIUM LLC	17/02/2006	CHENNAI
6	255828	193/CHE/2005	01/03/2005	01/03/2004	QUALITY CONTROL METHOD FOR FIBER BUNDLE IN SPINNING MACHINE	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	16/03/2007	CHENNAI
7	255829	911/CHE/2008	11/04/2008 16:06:36	13/04/2007	INK JET HEAD	CANON KABUSHIKI KAISHA	11/09/2009	CHENNAI
8	255830	2632/CHE/2007	13/11/2007 16:18:43	16/11/2006	TWO-WHEELED MOTOR VEHICLE	HONDA MOTOR CO., LTD.	11/09/2009	CHENNAI
9	255831	65/CHE/2008	08/01/2008 16:23:17		TABLE DRIVE SYSTEM	GENERAL ELECTRIC COMPANY	18/06/2010	CHENNAI
10	255832	766/CHENP/2008	07/07/2006	15/07/2005	SAFETY REINFORCED LIGHT TRANSMITTING PANEL ASSEMBLY	BUTLER MANUFACTURING COMPANY	28/11/2008	CHENNAI
11	255834	4177/CHENP/2006	10/03/2005	13/05/2004	COMB-LIKE POLYETHERALKANOLAMINES IN INKS	HUNTSMAN PETROCHEMICAL LLC	22/06/2007	CHENNAI
12	255857	4060/CHENP/2006	05/04/2005	05/05/2004	SCRATCH RESISTANT PROPYLENE POLYMER COMPOSITION	STYRON EUROPE GmbH	10/08/2007	CHENNAI
13	255868	353/CHENP/2008	21/07/2006	22/07/2005	AMPHOLYTIC COPOLYMER AND PRODUCTION THEREOF	BASF AKTIENGESELLSCHAFT	19/09/2008	CHENNAI
14	255875	2781/CHENP/2004	13/06/2003	13/06/2002	A METHOD AND A DEVICE FOR PREVENTING MERGING OF DEMODULATION ELEMENTS (FINGERS) IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	10/02/2006	CHENNAI

15	255876	734/CHE/2005	16/06/2005		METHOD FOR CONTROLLING ESTABLISHMENT OF SECONDARY INTERNET PROTOCOL SECURITY TUNNELS BETWEEN AN USER EQUIPMENT AND PACKET DATA GATEWAY	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	07/09/2007	CHENNAI
16	255877	2824/CHEN P/2007	04/12/2003	09/12/2002	METHOD OF MANAGING DOWNLOAD REQUESTS FOR AN APPLICATION ON A WIRELESS DEVICE	QUALCOMM INCORPORATED	07/09/2007	CHENNAI
17	255878	2975/CHEN P/2004	01/07/2003	01/07/2002	A METHOD OF CONFIGURING A WIRELESS NETWORK AND AN APPARATUS FOR OPTIMIZING A WIRELESS NETWORK	QUALCOMM INCORPORATED	17/02/2006	CHENNAI
18	255879	3061/CHEN P/2004	18/07/2003	25/07/2002	METHOD AND APPARATUS FOR FILTERING OF BROADCAST SMS MESSAGES	QUALCOMM INCORPORATED	17/02/2006	CHENNAI
19	255880	1085/CHEN P/2006	01/07/2004	30/09/2003	A PROCESS FOR THE SEPARATION OF LIQUEFIED NATURAL GAS CONTAINING METHANE AND HEAVIER HYDROCARBON COMPONENTS	ORTLOFF ENGINEERS, LTD	17/08/2007	CHENNAI
20	255881	750/CHEN P/2008	30/08/2006	02/09/2005	NETWORK COMMUNICATION SYSTEM AND METHOD FOR FILE DOWNLOADING	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	09/01/2009	CHENNAI
21	255882	3171/CHEN P/2004	25/06/2003	04/07/2002	VEHICLE SENSOR FOR A BELT RETRACTOR HAVING A STAGGERED CONTACT SURFACE	AUTOLIV DEVELOPMENT AB	03/03/2006	CHENNAI
22	255883	2774/CHEN P/2006	28/01/2005	28/01/2004	A METHOD OF SETTING A MEDIA OUTPUT FORMAT FOR A MEDIA DEVICE	BRITISH SKY BROADCASTING LIMITED	08/06/2007	CHENNAI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	255769	933/KOLNP/2007	13/10/2004	13/10/2004	COMPOSITION OF MENTHYL LACTATE AND A MIXTURE OF MENTHOL ISOMERS	SYMRISE GMBH & CO. KG	13/07/2007	KOLKATA
2	255770	121/KOL/2005	21/02/2005		A PLANAR WAVE GUIDE BASED COMPARATOR FOR MONOPULSE APPLICATION IN PARTICULAR IN KA BAND	SAMEER ,DEPARTMENT OF INFORMATION TECHNOLOGY ELECTRONICS NIKETAN	25/05/2007	KOLKATA
3	255771	3691/KOLNP/2007	05/04/2006	08/04/2005	A SURGE ARRESTER WITH A DISCHARGE ELEMENT	SIEMENS AKTIENGESSELLSCHAFT	31/10/2008	KOLKATA
4	255774	3645/KOLNP/2007	01/03/2006	11/03/2005	USER -VIEWABLE RELATIVE DIAGNOSTIC OUTPUT	ROSEMOUNT, INC.	25/01/2008	KOLKATA
5	255775	876/KOLNP/2006	20/07/2004	15/09/2003	INTEGRATED TAGGING SYSTEM FOR AN ELECTRONIC SHOCK ABSORBER	TENNECO AUTOMOTIVE OPERATING COMPANY INC.	13/04/2007	KOLKATA
6	255776	750/KOLNP/2007	14/09/2005	15/09/2004	4-((PHENOXYALKYL)THIO) - PHENOXYACETIC ACIDS AND ANALOGS	JANSSEN PHARMACEUTIC A N.V.	13/07/2007	KOLKATA
7	255781	1507/KOLNP/2006	02/12/2004	04/12/2003	"AN ENCLOSURE OF AN ELECTRONIC APPARATUS AND AN ELECTRONIC APPARATUS"	EATON CORPORATION	04/05/2007	KOLKATA
8	255782	30/KOLNP/2007	08/07/2005	09/07/2004	HYDROXYPHENYL CROSS-LINKED MACROMOLECULAR NETWORK AND APPLICATIONS THEREOF	THE CLEVELAND CLINIC FOUNDATION	29/06/2007	KOLKATA
9	255784	180/KOLNP/2007	17/08/2005	02/09/2004	ORGANIC/INORGANIC COMPOSITE POROUS FILM FOR A SEPARATOR OF AN ELECTROCHEMICAL DEVICE, METHOD FOR MANUFACTURING THE SAME AND ELECTROCHEMICAL DEVICE PREPARED THEREBY	LG CHEM, LTD.	29/06/2007	KOLKATA
10	255785	1126/KOLNP/2006	01/09/2004	28/11/2003	METHOD AND APPARATUS FOR GENERATING DOWNLINK POWER INFORMATION FOR A MULTI-SECTOR BASE TRANSCEIVER SITE	MOTOROLA, INC.	27/04/2007	KOLKATA
11	255786	2735/KOLNP/2006	15/02/2005	20/02/2004	A METHOD FOR DETECTING AN UNDESIRABLE CONDITION WITHIN A MESSAGING NETWORK	MOBILE 365	01/06/2007	KOLKATA

12	255787	3702/KOL NP/2006	13/05/2005	14/05/2004	SYSTEM AND METHOD FOR AUTOMATIC MODIFICATION OF MULTIMEDIA MESSAGES	TELEFONAKTIEB OLAGET LM ERICSSON (PUBL)	15/06/2007	KOLKATA
13	255789	3406/KOL NP/2007	20/03/2006	21/03/2005	BENZOIC ACID ESTER COMPOUNDS,PROCESS FOR PREPARATION AND COMPOSITIONS	FERRER INTERNACIONAL S.A.	18/01/2008	KOLKATA
14	255791	1405/KOL NP/2004	13/03/2003	25/03/2002	APPARATUS FOR MEASURING THE ELECTRICAL RESISTANCE OF A PORTION OF SKIN, AND FOR DETECTING IMPRECISE PLACEMENT OF THE PORTION OF SKIN ONTO SENSORS ADAPTED FOR SUCH MEASUREMENTS AND DISPOSED ON A SURFACE OF SAID APPARATUS	STOCKINGER CHRISTIAN	12/05/2006	KOLKATA
15	255795	1626/KOL NP/2006	12/01/2005	13/01/2004	" AN IMPROVED OVERVOLTAGE PROTECTION SYSTEM "	SIEMENS AKTIENGESELLS CHAFT	11/05/2007	KOLKATA
16	255798	660/KOLNP P/2006	12/10/2004	13/10/2003	METHODS AND APPARATUS FOR TRANSMITTING AND RECEIVING A SIGNAL USING A LOW DENSITY PARITY CHECK CODE IN A MOBILE COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO., LTD.	01/06/2007	KOLKATA
17	255799	2963/KOL NP/2006	16/04/2005	16/04/2004	METHOD AND APPARATUS FOR DETECTING A CELL IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS SYSTEM.	Samsung Electronics Co., Ltd.	08/06/2007	KOLKATA
18	255800	1363/KOL NP/2007	04/11/2005	08/11/2004	SPINNING MACHINE WITH FREQUENCY CONVERTERS	OERLIKON TEXTILE GMBH & CO. KG	20/07/2007	KOLKATA
19	255801	3052/KOL NP/2007	22/02/2006	04/03/2005	DEVICE AND METHOD FOR GENERATING AN ENCODED STEREO SIGNAL OF AN AUDIO PIECE OR AUDIO DATASTREAM	FRAUNHOFER- GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	07/12/2007	KOLKATA
20	255802	1676/KOLNP P/2006	18/11/2003	18/11/2003	SYSTEM FOR PLANNING AND TRACKING CERTIFICATION	LAUREATE EDUCATION, INC.	11/05/2007	KOLKATA
21	255803	1145/KOLNP P/2006	05/10/2004	06/10/2003	COORDINATED DATA FLOW CONTROL AND BUFFER SHARING IN UMTS	TELEFONAKTIEBOL AGET LM ERICSSON (publ)	27/04/2007	KOLKATA
22	255805	65/KOLNP/2 007	09/05/2005	11/06/2004	OXYGEN PRODUCTION PROCESS USING THREE-STAGE PRESSURE SWING ADSORPTION PLANTS	CHENGDU TIANLI CHEMICAL ENGINEERING TECHNOLOGY CO., LTD.	29/06/2007	KOLKATA
23	255806	3501/KOLNP P/2008	26/02/2007	27/02/2006	INJECTION LANCE FOR REFINING, INJECTION LANCE EQUIPEMENT FOR REFINING, HOT-METAL DESILICONIZATION PROCESS, AND HOT-METAL PRETREATMENT PROCESS	JFE STEEL CORPORATION	20/02/2009	KOLKATA

24	255808	3659/KOL NP/2006	27/05/2005	28/05/2004	INJECTION DEVICE	CILAG GMBH INTERNATIONAL	15/06/2007	KOLKATA
25	255809	3110/KOL NP/2006	29/04/2005	30/04/2004	MANAGED MICROCELL WIRELESS MESH NETWORK ARCHITECTURE.	SKYPIES WIRELESS,INC.	08/06/2007	KOLKATA
26	255811	932/KOL/2 007	28/06/2007	14/08/2006	A METHOD AND A SYSTEM FOR ESTIMATING BAROMETRIC PRESSURE IN A HYBRID VEHICLE	GM GLOBAL TECHNOLOGY OPERATIONS, INC	29/02/2008	KOLKATA
27	255817	5198/KOL NP/2008	31/05/2007	19/06/2006	METHOD FOR ANALYZING AMPLIFIED NUCLEIC ACIDS	SIEMENS AKTIENGESELLS CHAFT	27/03/2009	KOLKATA
28	255820	3523/KOL NP/2006	14/03/2005	30/04/2004	METHOD FOR PRODUCING A DISK-SHAPED WORK PIECE ON THE BASE OF A DIELECTRIC SUBSTRATE	OERLIKON SOLAR A.G.	15/06/2007	KOLKATA
29	255825	2312/KOL NP/2006	18/03/2005	28/04/2004	METHOD AND APPARATUS FOR TRANSMISSION AND RECEPTION OF NARROWBAND SIGNALS WITHIN A WIDEBAND COMMUNICATION SYSTEM	MOTOROLA MOBILITY, INC.	25/05/2007	KOLKATA
30	255833	3357/KOL NP/2006	19/05/2005	21/05/2004	A DETECTION CIRCUIT FOR DETECTING A DIFFERENCE BETWEEN A SOURCE CURRENT AND A RETURN CURRENT	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	15/06/2007	KOLKATA
31	255835	695/KOLN P/2007	05/04/2006	05/04/2006	METHOD FOR FORMING A DEVICE-SPECIFIC INFORMATION DATA RECORD FOR USE IN A CONTROL STATION	SIEMENS AKTIENGESELLS CHAFT	12/10/2007	KOLKATA
32	255836	3394/KOL NP/2006	06/05/2005	06/05/2004	MAGNETIC SUB-ASSEMBLY FOR ELECTRICAL EQUIPMENT OF CIRCUIT-BREAKER TYPE	HAGER ELECTRO S.A.S.	15/06/2007	KOLKATA
33	255837	2229/KOL NP/2006	17/02/2005	01/03/2004	APPARATUS AND METHOD FOR DETERMINING AN ESTIMATE.	FRAUNHOFER- GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E .V.	25/05/2007	KOLKATA
34	255838	810/KOLN P/2008	11/09/2006	09/09/2005	SYSTEM AND METHOD OF REDUCING HARMONIC EFFECTS ON A POWER DELIVERY SYSTEM	SIEMENS INDUSTRY, INC.	21/11/2008	KOLKATA
35	255840	119/KOLN P/2008	09/08/2006	09/08/2005	SUBSTITUTED IMIDAZOLE COMPOUNDS AS KSP INHIBITORS	NOVARTIS AG	05/12/2008	KOLKATA
36	255843	2464/KOL NP/2006	04/04/2005	13/05/2004	METHOD OF DETECTING CLONED COMMUNICATION UNITS	MOTOROLA MOBILITY, INC.	25/05/2007	KOLKATA
37	255844	3627/KOL NP/2006	13/05/2005	16/06/2004	A CIRCUIT BREAKER	SIEMENS AKTIENGESELLS CHAFT	15/06/2007	KOLKATA

38	255845	72/KOLNP/2007	30/06/2005	16/07/2004	A METHOD FOR PRODUCTION OF A FLAT COMMUTATOR	KOLEKTOR GROUP D.O.O.	29/06/2007	KOLKATA
39	255846	1050/KOLNP/2007	20/07/2004	29/07/2005	A COMPACT DOUBLE-CHAMBER SWITCHGEAR WITH IMPROVED DIELECTRIC STRENGTH AND VOLTAGE SISTRIBUTION FOR HIGH VOLTAGE APPLICATIONS	SIEMENS AKTIENGESELLSCHAFT	13/07/2007	KOLKATA
40	255849	668/KOLNP/2007	26/07/2005	26/07/2005	ELCTROCHEMICAL ION EXCHANGE WITH TEXTURED MEMBRANES AND CARTRIDGE	PIONETICS CORPORATION	06/07/2007	KOLKATA
41	255852	1607/KOLNP/2006	28/12/2004	29/12/2003	"A METHOD FOR DETECTING AN OCCLUSION IN A TUBE OF A DEVICE"	ANIMAS CORPORATION	11/05/2007	KOLKATA
42	255853	482/KOL/2006	23/05/2006	06/06/2005	AN IMPROVED HEAT DISSIPATABLE TWIN BLADE ELECTRIC FAN	CHUNG-YIN CHENG	22/06/2007	KOLKATA
43	255854	3417/KOLNP/2006	20/04/2004	20/04/2004	METHODS FOR HIGH EFFICIENCY TRANSFORMATION AND REGENERATION OF PLANT SUSPENSION CULTURES	TEMASEK LIFE SCIENCES LABORATORY LTD.,	15/06/2007	KOLKATA
44	255855	2368/KOLNP/2006	30/01/2004	30/01/2004	METHOD FOR DETERMINING MOBILE TERMINAL PERFORMANCE IN A RUNNING WIRELESS NETWORK.	TELEFONAKTIEBOLAGET LM ERICSSON (publ)	25/05/2007	KOLKATA
45	255859	3403/KOLNP/2006	10/03/2006	10/03/2005	METHOD AND DEVICE FOR LINE-SWITCHING OF MEMS MATRIX AND AMDF.	HUAWEI TECHNOLOGIES CO.,LTD	15/06/2007	KOLKATA
46	255860	2671/KOLNP/2006	09/02/2006	09/02/2005	FUNCTIONAL UNIT THAT IS DETACHABLY ATTACHED TO MAIN BODY OF IMAGE FORMING APPARATUS AND IMAGE FORMING APPARATUS INCLUDING THE SAME	RICOH COMPANY, LIMITED	01/06/2007	KOLKATA
47	255861	2481/KOLNP/2006	04/03/2005	04/03/2004	A METHOD FOR PERFORMING LOCATION UPDATE BY A MOBILE SUBSCRIBER STATION IN A COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO.LTD.	25/05/2007	KOLKATA
48	255862	3209/KOLNP/2006	10/05/2005	11/05/2004	A PLAYBACK APPARATUS AND METHOD FOR PLAYING BACK A STREAM SEQUENCE	PANASONIC CORPORATION	08/06/2007	KOLKATA
49	255863	3229/KOLNP/2006	06/05/2005	07/05/2004	A METHOD AND A SYSTEM FOR PERFORMING A PERIODIC RANGING OF A WIRELESS COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO., LTD.	08/06/2007	KOLKATA
50	255864	976/KOLNP/2009	19/09/2007	21/09/2006	WASTEWATER TREATMENT METHOD	ASAHI KASEI CHEMICALS CORPORATION	22/05/2009	KOLKATA
51	255865	2486/KOLNP/2006	05/03/2005	05/03/2004	METHOD AND SYSTEM FOR ALLOCATING FREQUENCY RESOURCES IN CELLULAR COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	25/05/2007	KOLKATA

52	255866	4400/KOL NP/2007	17/05/2006	18/05/2005	A VEHICLE LOCATING UNIT WITH IMPROVED POWER MANAGEMENT METHOD	LOJACK OPERATING COMPANY, LP	04/04/2008	KOLKATA
53	255867	2030/KOL NP/2007	10/11/2005	15/12/2004	SUPPORT OF GUARANTEED BIT- RATE TRAFFIC FOR UPLINK TRANSMISSIONS	PANASONIC CORPORATION	10/08/2007	KOLKATA
54	255869	1058/KOL NP/2007	30/04/2004	30/04/2003	AN APPARATUS FOR ENCODING A STEREO SIGNAL TO OBTAIN A MONO OUTPUT SIGNAL AND A STEREO PARAMETER SET	DOLBY INTERNATIONAL AB	10/04/2009	KOLKATA
55	255870	2202/KOL NP/2006	28/02/2005	27/02/2004	A METHOD AND AN APPARATUS FOR ACCESS AUTHENTICATION IN A WIRELESS MOBILE COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO., LTD., BEIJING SAMSUNG TELECOM R&D CENTER	25/05/2007	KOLKATA
56	255871	2133/KOL NP/2007	14/11/2005	23/12/2004	A SINTERED CLUTCH RING	MIBA SINTER AUSTRIA GMBH	07/09/2007	KOLKATA
57	255872	512/KOLNP/2008	10/08/2005	10/08/2005	SWITCH POLE WITH A MOUNTING FRAME HAVING LATCHING MEANS	SIEMENS AKTIENGESELLS CHAFT	07/11/2008	KOLKATA
58	255873	393/KOL/2 008	29/02/2008	14/05/2007	HIGH VOLTAGE INTERLOCK CONNECTION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
59	255874	802/KOL/2 005	02/09/2005		A NEW APPROACH FOR ASSEMBLING PERMANENT MAGNETS ON ROTOR OF A PERMANENT MAGNET GENERATOR USING MAGNETIC BOLTS AND FLUX BARRIER	BHARAT HEAVY ELECTRICALS LIMITED	25/05/2007	KOLKATA

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