

पेटेंट कार्यालय
का
शासकीय जर्नल

OFFICIAL JOURNAL
OF
THE PATENT OFFICE

निर्गमन सं. 18/2013
ISSUE NO. 18/2013

शुक्रवार
FRIDAY

दिनांक: 03/05/2013
DATE: 03/05/2013

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

3rd MAY, 2013

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**THE PATENT OFFICE
KOLKATA, 03/05/2013**

Address of the Patent Offices/Jurisdictions

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

1	<p>Office of the Controller General of Patents, Designs & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai - 400 037</p> <p>Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpdtm@nic.in</p>	4	<p>The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai - 600 032.</p> <p>Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: chennai-patent@nic.in</p> <ul style="list-style-type: none"> ❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.
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> <ul style="list-style-type: none"> ❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli 	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> <ul style="list-style-type: none"> ❖ Rest of India
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> <ul style="list-style-type: none"> ❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand, Delhi and the Union Territory of Chandigarh. 		

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

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

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

पेटेंट कार्यालय
कोलकाता, दिनांक 03/05/2013
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 :-

1	<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>	4	<p>पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टू ईंगल फ्लार्स 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 ❖ अन्ध प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्ष्मीप</p>
2	<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>	5	<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>
3	<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 रखीकृत 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 no third party representation.

CORRIGENDUM (KOLKATA)

In the publication of Patent Application No. 877/KOL/2010 published under 18 Month publication U/S 11(A) of the Patents Act on 19/04/2013 under the Journal No. 16/2013, the date of filling of patent application should be read as:

09.10.2010

Instead of:

09.08.2010

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.302/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 03/05/2013

(54) Title of the invention : ULTRASONIC CAVITATION FLOW REACTOR

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GHOSH, SOBHAN
(32) Priority Date	:NA	Address of Applicant :900, SECTOR 19, FARIDABAD
(33) Name of priority country	:NA	121007, HARYANA, INDIA
(86) International Application No Filing Date	:NA	2)GHOSH, ANINDO
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA	1)GHOSH SOBHAN
(62) Divisional to Application Number Filing Date	:NA	2)GHOSH ANINDO

(57) Abstract :

The present invention relates to a tubular flow reactor for carrying out various ultrasound mediated processes in fluid comprising a flow profile development section, a cavitation zone fitted with an ultrasound transducer the vibration directed opposite and coaxial to the liquid flow wherein the fluid elements are provided long residence time without back mixing and simultaneously ensuring no repeated unnecessary exposure of the same reactants to the ultrasound cavitation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.858/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :21/03/2013

(43) Publication Date : 03/05/2013

(54) Title of the invention : CONCRETE COMPOSITION USING BLAST FURNACE SLAG DUST AS FINE AGGREGATE

(51) International classification	:b22c	(71) Name of Applicant : 1)DR. VIJAY PAL SINGH Address of Applicant :ASSOCIATE PROFESSOR CIVIL ENGINEERING DEPARTMENT, NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA - 136119 Haryana India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 concrete compositions with improved characteristics, which contain blast furnace waste material as replacement of fine aggregate, concrete composition comprising cement; blast-furnace slag dust as fine aggregate prepared from the steel industries having 100 percent passing from 4.75mm sieve, 77.9 percent passing on 2.36mm sieve, 46 percent passing on 1.18mm sieve, 36 percent passing in 600 μ sieve, 19 percent passing in 300 μ sieve and less than or equal to 10 percent passing from 150 μ sieve; coarse aggregate taken from natural resources having ratio of 1 : 1.715 : 3.05 with 0.40 % water cement ratio along with 1% dose of superplasticizer produce strength of 45 to 55Mpa. The compositions provided exhibiting improved characteristics and are particularly useful for applications such as forming surfaces exposed to water like swimming pools, blocks underwater construction.

No. of Pages : 6 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.194/DEL/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A MECHANICAL AUTOMATIC URINAL-TOILET FLUSHER AND ITS MECHANISM THEREOF

(51) International classification	:B21B	(71) Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 specially designed mechanical automatic urinal-toilet flusher and a mechanism thereof, which utilizes the weight load/pressure of the person using the urinal-toilet for automatic flushing the urinal-toilet with the specified or measured quantity of water to prevent odors, soil drain and scale buildup. It comprises of a specially designed Temporary Water Reservoir and Dual-Valve, the tension spring keeps the inlet valve in the closed position in the normal condition, while the outlet valve is in the open position. The motion of both the Dual-Valves is in synchronization with each other, i.e. when one valve closes the other opens and vice-versa. The spring fitted mechanical platform is connected to the Dual-Valve assembly via a cable and a tension spring. The Temporary water reservoir holds and releases the specific or measured quantity of water operated by the spring fitted mechanical platform. It ensures the compulsory, regular and un-intentional flushing of the urinal-toilet without any direct hand contact of the user to the flush and also conserve water at the same time is simple and cheap, which can be fitted-retrofitted to new as well as existing water pipe line of the urinal-toilets.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/04/2013

(21) Application No.1320/MUM/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A METHOD OF MAKING NOBLE METAL NANOPARTICLES FORMED BY GREEN CHEMISTRY TECHNIQUES

(51) International classification	:B22F9/00, B22F1/00	(71) Name of Applicant : 1)B. L. JADHAV Address of Applicant :DEPARTMENT OF LIFE SCIENCE, UNIVERSITY OF MUMBAI, KALINA CAMPUS, MUMBAI, 98 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)B. L. JADHAV
(33) Name of priority country	:NA	2)LARKINS RAMTEKE
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The subject of the present invention is to provide an aqueous stem extract of Ceriops tagat, as a bio-reducing and stabilizing agent for synthesis of noble metal nanoparticles. The true mangrove plant, Ceriops tagal is not known before for making of noble metal nanoparticles. The extract used in the present invention has the potential of rapid and eco-friendly biosynthesis of monometallic and bimetallic nanoparticles from salts of silver, gold, copper and their mixture. In the present invention the rate of synthesis of nanoparticles can be controlled by varying the temperature and concentration of metal salts. These nanoparticles could be further exploited efficiently for applications in various fields. The method of making nanoparticles mentioned here can be easily scaled up thus reducing the steps in downstream process and has economical viability providing an alternative to chemical synthesis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1352/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 03/05/2013

(54) Title of the invention : HERBAL COMPOSITIONS FOR MANAGEMENT AND TREATMENT OF JOINT AND MUSCLE PAIN IN VERTEBRATES

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RUPAK ENTERPRISES (P) LTD.
(32) Priority Date	:NA	Address of Applicant :#10-11, NEW MANGAL
(33) Name of priority country	:NA	COMPOUND, MR-11, PIPLIYA KUMAR, INDORE 452010,
(86) International Application No	:NA	MADHYA PRADESH, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHAPETI, DEEPAK
(61) Patent of Addition to Application Number	:NA	2)SHAPETI, MADHAVI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to synergistic herbal compositions, comprising a herbal phytochemical extract, as a standalone therapeutic agent, standardized to Bakuchiol (Assay by HPLC between 50-99%), with total furanocoumarin content less than 100 ppm) either naturally derived or semi/completely chemically synthesized, optionally with a second therapeutic agent, standardized to 3-o-Acetyl-11-keto -Boswellic acid (AKBA, Assay by HPLC between 20-99%) either naturally derived or semi/completely chemically synthesized, or optionally with a standardized / non-standardized, Capsaicin either naturally derived or semi/completely chemically synthesized (Assay by HPLC between 10-99%), or any other naturally-derived and / or semi/completely chemically synthesized NSAID or derivative thereof, along with pharmaceutically, dermatologically or cosmeceutically, acceptable excipients/carriers, useful for alleviating, managing, reducing and/or treating acute, sub-acute or chronic musculoskeletal and/or joint pain resulting from a condition derived from an inflammatory disorder and/or vertebrates or subjects genetically predisposed or otherwise, to above-mentioned conditions thereof.

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1473/MUM/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : REPLICATOR- THE MOTION AND GESTURE DETECTION SYSTEM OF COMPLETE HUMAN ARM

(51) International classification	:G06F3/01	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. AAKASH KANTILAL SANCHETI
(32) Priority Date	:NA	Address of Applicant :841/2, SADASHIV PETH,
(33) Name of priority country	:NA	GANGOTRI APARTMENT, NEAR KHALKAR TALIM, OPP.
(86) International Application No	:NA	PURANDARE CLASSES, PUNE-411030 Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. AAKASH KANTILAL SANCHETI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present embodiment namely Replicator is a system for detecting the gestures and motions of complete human arm and accordingly actuating the desired application. The present embodiment can be mounted on the human (rather operators) arm, then by detecting the motion via sensors/accelerometers generate the compatible signals for actuating the application which may be robotic arm / computers / gaming consoles / simulators. A system for detecting gesture and actuation comprises of sensory section, controller section and output section. It can include the wireless RF transceivers or GSM module or Wi-Fi for wireless compatible applications of it. These wireless transceivers can further increase the range of the system. It can include the indicators and/or displays or keyboard for performing mere changes on board while using it. This is a kind of generic system that can directly actuate or atleast give out signals to many systems which can be improvised or be made more intuitive by the motions or gestures of human arm.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/01/2013

(21) Application No.145/MUM/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : FOG ID

(51) International classification	:G02C7/02	(71) Name of Applicant : 1)GKB HI-TECH LENSES PVT LTD Address of Applicant :50A, KARASWADA, TIVIM INDUSTRIAL ESTATE, MAPUSA. GOA, PIN - 403526. India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor : 1)NEERAJ GUPTA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one of the aspects of the invention is to provide a method for making on the lenses particularly with the blow markig, variety of the ion sources are provided for making mark on the lenses, ion sources like rays, electromagnetic rays, Laser. The lenses such as Spectical lenses used for marking, an ion source is an electro-magnetic device that us used to create charged particles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1500/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 03/05/2013

(54) Title of the invention : CURRENCY NOTES, SOFT CURRENCY (I.E.CHEQUE, DEMAND DRAFT) AND STAMP PAPERS WITH MACHINE READABLE CODE

(51) International classification	:g07d13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. PRAKASH RAVINDRA SOMANI
(32) Priority Date	:NA	Address of Applicant :VIJAYNAGAR, BLD. NO. 3, B-14,
(33) Name of priority country	:NA	DHAYARI, NEAR DHARESHWAR MANDIR, SINHGAD
(86) International Application No	:NA	ROAD, PUNE - 411041, MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. PRAKASH RAVINDRA SOMANI
(61) Patent of Addition to Application Number	:NA	2)DR. SAVITA PRAKASH SOMANI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Currency notes, soft currency (i.e. Cheque, Demand Draft) and Stamp Papers with Machine Readable Unique Identification Number / Code / symbol / Figure is invented and presented here. Invention is useful for tracking their movement, easy processing, identifying fake currencies and stamp papers, and curbing corruption.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/04/2013

(21) Application No.1508/MUM/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A SYSTEM FOR FOUR WHEELER VEHICLE TIRE MAINTENANCE

(51) International classification	:B60C23/00	(71) Name of Applicant : 1)MS. SAYLEE PRABHAKAR KERURE Address of Applicant :10-AKRUTI APPARTMENT, NEAR PRASAD MANGAL KARYALAYA, NAKSHATRA COLONEY, GANGAPUR ROAD, NASHIK M.S. INDIA PIN 422013
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	(72) Name of Inventor : 1)MS. SAYLEE PRABHAKAR KERURE
(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 maintenance of tires of four wheeler vehicle is described that develops and stores pressurized air in an air tank. The system also includes a compressor that is positioned in close proximity with vehicle engine. A compressor shaft is coupled with an engine shaft through the electromagnetic clutch. A controller controls engagement of the compressor shaft and engine shaft by selectively activating the electromagnetic clutch. The air tank is positioned beneath a trunk of the vehicle and the pressure of air in the tank is maintained at a predefined pressure level. The pressure in the air tank is continuously monitored and maintained in the system of the present invention. The system is useful to fill air in vehicle tires through a pressure gun and to operate a pneumatic wrench.

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2099/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : NOVEL 2-(SUBSTITUTED-ARYL)-3-(2-OXOINDOLIN-3-YLIDENE)AMINO)-THIAZOLIDIN -4-ONE COMPOUNDS AS POTENTIAL ANTICONVULSANT AGENTS

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NIKALJE, ANNA PRATIMA GANPATRAO
(32) Priority Date	:NA	Address of Applicant :Y.B.CHAVAN COLLEGE OF
(33) Name of priority country	:NA	PHARMACY, DR.RAFIQ ZAKARIA CAMPUS, RAUZA
(86) International Application No	:NA	BAGH, AURANGABAD-431001, MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)NIKALJE, ANNA PRATIMA GANPATRAO
(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 disclosed herein is a 2-(substituted-aryl)-3-(2-oxoindolin-3-ylidene) amino-thiazolidin-4-one compounds of formula (4) and an efficient process for preparation thereof. Further, the 2-(substituted-aryl)-3-(2-oxoindolin-3-ylidene) amino-thiazolidin-4-one compounds of formula (4) are useful for treatment of neurological afflictions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2224/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :01/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : MECHANICAL ROLLBACK PREVENTION SYSTEM USING ONE WAY CLUTCH APPLIED ON NON-DRIVEN WHEELS

(51) International classification	:B60T17/00, B60K41/24	(71) Name of Applicant : 1)AVANISH BANKAR Address of Applicant :C/O DR.BANKAR, PLOT NO 5, NEAR 2ND BUS STOP, MAIN ROAD, GOPALNAGAR. NAGPUR 440022 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)AVANISH BANKAR
(87) International Publication No	:N/A	2)ALOK PACHOLI
(61) Patent of Addition to Application Number	:NA	3)AMAN KHURANA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Mechanical Rollback Prevention System applied on non-driven wheels (wheels not connected to drive shaft) includes one-way clutch (freewheel), an additional braking system (disc brake/ drum brake/ break belt)with corresponding actuating system to restrict the rotational motion of driven disc of freewheel, a collar1 to attach driven disc of freewheel to the breaking system, a collar2 to attach drive disc of freewheel to dead/driving axle connected to wheel hub and modified knuckle/ transmission for mounting the braking system, so that when breaks are applied, corresponding one-way clutch will allow only unidirectional rotating motion to the respective wheel and when breaks are released, corresponding wheel can rotate in both forward and backward directions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.572/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : PRODUCTION OF CERIUM SULFIDE PIGMENT BY A NOVEL MICROBIOLOGICAL PROCESS USING RECOMBINANT STRAIN OF E. COLI

(51) International classification	:C12P3/00	(71) Name of Applicant : 1)MACS-AGHARKAR RESEARCH INSTITUTE Address of Applicant :G. G. AGARKAR ROAD, PUNE 411004, 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)SHETE SONAL DHANANJAY
(87) International Publication No	: NA	2)DHAKEPHALKAR PRASHANT KAMALAKAR
(61) Patent of Addition to Application Number	:NA	3)KANEKAR PRADNYA PRALHAD
Filing Date	:NA	4)RANADE DILIP RAMCHANDRA
(62) Divisional to Application Number	:NA	5)RAO JYOTI UMANATH
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel microbial method for the production of cerium sulfide pigment. In the present invention, cerium sulfide is produced from cerium sulfate by using recombinant strain of E. coli expressing dissimilatory sulfite reductase (dsrAB) genes i.e. genes involved in production of hydrogen sulfide. This process is environment friendly as compared to conventional chemical processes which use very high temperature and/or pressure and environmentally constrained gases like carbon disulfide. In this novel microbial process, recombinant strain of E. coli is grown to obtain large cell mass (109 cells/ml), which is exposed to acidic stock solution of cerium sulfate. After incubation at 55°C under shake flask condition, orange red colored precipitate is formed which is dried at 70°C. Finally reddish colored pigment produced is analyzed by X-ray diffraction studies to confirm the presence of cerium sulfide.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.616/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : THERMAL PLASMA PROCESS FOR 'INFLIGHT' DISSOCIATION OF ZIRCON MINERAL.

(51) International classification	:C01G25/02, B01J19/00	(71) Name of Applicant : 1)THE SECRETARY, DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA Address of Applicant :O.Y.C. BUILDING, CHHATRAPATI SHIVAJI MAHARAJ MARG, MUMBAI 400001, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. P.V. ANANTHAPADMANABHAN
Filing Date	:NA	2)DR. S. YUGESWARAN
(62) Divisional to Application Number	:NA	3)DR. T.K. THIYAGARAJAN
Filing Date	:NA	

(57) Abstract :

The present invention relates to a one-step process to dissociate zircon in a thermal plasma reactor, using air as the plasmagen gas. The experimental system consists of (a) a central hollow graphite electrode. (15 mm OD and 70 mm long), which acts as the cathode, and (b) a graphite anode, 20 mm ID and 100 mm long. The material to be processed is fed centrally through the cathode. The unique feature of the system is that it uses air as the working gas to generate the thermal plasma. The system has been used to study in-flight dissociation of zircon in the thermal plasma jet. Such dissociation was carried out at over 10-25 kW power range. X-ray powder diffraction, scanning electron microscope, EDX and wet chemical analysis were used to characterize the product and determine the extent of dissociation. Results indicated that complete dissociation of zircon could be accomplished at comparatively lower power level with air as the working gas. Further, the use of inexpensive air offers substantial cost benefits. It was found that the addition of carbon to zircon lead to a remarkable increase in the extent of dissociation. The electrical power consumption can be reduced substantially by using carbon in excess of the required amount to reduce silica. The process yields zirconium oxide that is practically free from silica, thus doing away with the secondary chemical leaching step.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.645/MUM/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PLANTATION DEVICE

(51) International classification	:A61B17/00	(71) Name of Applicant : 1)DR. SANJIV VASA Address of Applicant :4, KAILAS SOCIETY, OPP. BATA SHOP BEHIND H. K. HOUSE, ASHRAM ROAD AHMEDABAD, 380009, GUJARAT INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 planting device to plant plantable material in diverse substrates. The invention in particular relates to a hair plantation device capable of speedy, accurate andatraumatic plantation of hair follicle while maintaining follicular integrity resulting in better yield and method of its use in hair restoration process. The synergistic combination of the said housing, spring loaded plunger assembly, hub assembly of the present plantation device obviates need of a dedicated depth controf mechanism and prevents blind grafting of the plantable material such as hair follicle in the substrate as the plunger of the present device aids appropriate positioning and controls plantation of the hair follicle with desired precision under observation of the user. This further enables multiple functions of a dissector, site creator, stopper, spiral cavity maker, stretcher, separator and slider maintaining plantable material integrity during plantation.

No. of Pages : 43 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/04/2013

(21) Application No.1441/MUM/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A THERMO TRANSFER REUSABLE SHEET FOR MULTIPURPOSE USE.

(51) International classification	:B32B27/00, B32B7/00	(71) Name of Applicant : 1)MR. D. K. MEHTA Address of Applicant :MR. D. K. MEHTA 41/42, 1/B, KALPATARU ESTATE, JVLR, ANDHERI (EAST), MUMBAI - 400 093, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MR. D. K. MEHTA
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 presents disclosed here in is an improved thermo transfer reusable sheet with multiple layers of material and filled with a super-absorbent polymer. This is useful for the storage, preservation and transport of foodstuffs, beverages, chemicals, pharmaceutical, health care products thereof. The heat or cool pack is reusable and has a long shelf life and can be recycled. The sheets are light weight and flexible with a special segregated cell design that ensures use with irregular shape objects and has a high temperature retention capacity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1679/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 03/05/2013

(54) Title of the invention : PLC BASED UNBREACHABLE ELECTRON FLOW LINE LOCKER

(51) International classification	:G05B, G06F	(71) Name of Applicant : 1)JERSHA FELIX. V Address of Applicant :2/909, GANDHINAGAR EXTN, MOOKANDAPALLI, HOSUR - 635 126 Karnataka India 2)PRADEEP. R
(31) Priority Document No	: -	
(32) Priority Date	:15/04/2013	
(33) Name of priority country	:India	
(86) International Application No	:NA	(72) Name of Inventor : 1)JERSHA FELIX. V 2)PRADEEP. R
Filing Date	:NA	
(87) 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 age we live in, is the electronic age. All the works once done by man are now automated by using microcontrollers and PLCs (Programmable Logic Control). PLCs are at forefront of manufacturing automation. Many factories use PLC to cut production cost and or increase quality. PLC and their unique language, the ladder logic are the workhorses of factory automation. Higher level languages such as sequential function chart and function blocks ease the programming task for larger systems, ladder logic remains the dominant language at present. Many simple machines once used are now being replaced by electronic devices. But even today we use old mechanical lock and key for bank locker protection system. It uses two key protection systems with unique pattern for each key. But the major disadvantage with this type of key system is that a fake key can easily be made from the impression of the original key. This paper presents a novel unfakeable key system. The main objective is to overcome the disadvantages of the existing locker system. This method aims to exploit the advantages of PLC. In this system there are no external patterns. The keys for all the lockers will look alike. By using the electron flow line technology the PLC differentiates one key from another. This work improves the efficiency of the bank locker system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/04/2013

(21) Application No.1715/CHE/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF OXAZOLIDINONE DERIVATIVES

(51) International classification	:C07D	(71) Name of Applicant : 1)NOSCH LABS PRIVATE LIMITED Address of Applicant :Flat No. 404 to 406, Vijay Sai Towers, Kukatpally, Hyderabad Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT//	(72) Name of Inventor : 1)BHEMIREDDY, Satyanarayana Reddy 2)PAIDIMARLA, V. Vara Prasada Reddy 3)YARAPATHI, Venkat Reddy
Filing Date	:01/01/1900	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for preparation of oxazolidinone derivatives, more particularly, a combined process for preparation of Linezolid and Rivaroxaban and novel intermediates for preparation of Oxazolidinone derivatives.

No. of Pages : 42 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1717/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 03/05/2013

(54) Title of the invention : VERTICAL MOBILITY AID USING MULTI/ALTERNATE ENERGY SOURCES

(51) International classification	:B66F	(71) Name of Applicant : 1)DARA RAMALINGAM Address of Applicant :6-3-192, JAINAGAR COLONY, NEW BHOIGUDA, SECUNDERABAD - 500 080 Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 Vertical Mobility Aid consisting or dual cabins (Product) embedded with mechanism (Process) operates without or with much less electricity using alternate energy resources for vertical mobility of men and material, functions without the commuter having to indent and await its arrival, being ready any time, does not have to depend on availability of electricity, users need not cancel or postpone their appointments due to non-availability of electricity operated one at the time of power failure or power holiday. Has following advantages: 1. The aid Operates with alternate energy, without or much less electricity. 2. Readily available for taking and exit, without having to indent and wait, saves time of the commuter. 3. Operator can be seated in control room, instead of accompanying the enclosure. 4. The extra capacity of lift operator will be useful for shift of men and material. 5. Operates without or with far less electricity, 6. Has much less maintenance costs then electrically operated one. 7. The capacity of the aid can be selected depending on peak hour rush. 8. Taking and exit

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/03/2013

(21) Application No.1158/CHE/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : IMPROVED FIELD PROGRAMMABLE GATE ARRAY ARRANGEMENT FOR SINGLE EVENT UPSET DETECTION AND A METHOD THEREOF

(51) International classification	:H03K
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)INDIAN INSTITUTE OF TECHNOLOGY
HYDERABAD**

Address of Applicant :ORDNANCE FACTORY ESTATE,
YEDDUMAILARAM 502 205 Andhra Pradesh India

(72)Name of Inventor :

**1)TIMMARAJU, ADITYA, SRINIVAS
2)ANIKETANAND, DESHMUKH
3)KHAN, MOHAMMED, ZAFAR, ALI**

(57) Abstract :

This invention relates generally to the field of error detection and error signal generation in electronic circuitry. More particularly the present invention provides a method for detecting error signal in a field programmable gate array. It provides an improved field programmable gate array arrangement providing for single event upsets detection. The invention provides a radiation resistant system for use in the field of space technology.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2012

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : AN IMPROVED DEVICE DESIGNED TO DISCHARGE A PROJECTILE

(51) International classification	:F41A	(71) Name of Applicant : 1)HIMANSHU SINGH Address of Applicant :D 65 MIG BARRA WORLD BANK KANPUR U.P. INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)HIMANSHU 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 generally relates to a device to discharge a projectile, and more particularly the invention relates to the defense weapons e.g. submachine guns. The device including a barrel and a barrel housing tube supported by the receiver body, where the one end of the barrel and a barrel housing tube coupled by screw thread, a 12cm long bolt enclosing the barrel and the barrel housing tube, wherein the bolt is freely moveable inside the fixed receiver frame and a main frame including a front end and a rear receiver end, wherein the front end is substantially bulkier in dimension than rear end.

No. of Pages : 42 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/04/2013

(21) Application No.1659/CHE/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR LOG GENERATION AND OBFUSCATION USING SDKS

(51) International classification	:G06F	(71) Name of Applicant : 1)WIPRO LIMITED Address of Applicant :DODDAKANNELLI, SARJAPUR ROAD, BANGALORE 560 035 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SOURAV BHATTACHARYA
(87) International Publication No	: NA	2)ANIRBAN BHATTACHARYA
(61) Patent of Addition to Application Number	:NA	3)KULDIP SHETTY
Filing Date	:NA	4)KRISHNA M. PRASAD
(62) Divisional to Application Number	:NA	5)RAVI UDAY KUMBE
Filing Date	:NA	6)VENU ALURI
		7)VITESH PATEL

(57) Abstract :

This disclosure generally relates to application development platforms, and more particularly to systems and methods for log generation and log obfuscation using software development kits (SDKs). In one embodiment, an application logging configuration method is disclosed, comprising: obtaining, for an application, a developer-specific log generation schema specifying at least a developer-specific set of variables to be logged and associated code line numbers; obtaining a developer-independent log generation schema specifying at least a developer-independent set of variables to be logged and associated code line numbers; extracting the specifications of the developer-specific and developer-independent sets of variables to be logged and associated code line numbers; generating an application logging schema specifying at least a combination of the developer-specific and developer-independent sets of variables to be logged and associated code line numbers; and storing the application logging schema.

No. of Pages : 48 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/04/2013

(21) Application No.1724/CHE/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : COMMERCE THROUGH SOCIAL SHOPPING (COMMERS)

(51) International classification	:G06Q	(71) Name of Applicant : 1)HCL Technologies Limited Address of Applicant :HCL Technologies Ltd, 50-53 Greams Road, Chennai- 600006, Tamil Nadu, India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 embodiments herein relate to online commerce and, more particularly, to social circle based rating and purchase of products in online commerce. A user can create and associate a social circle with his account in an online purchase portal. The user can store own preferences and can add friends to the social circle. Any member of the social circle can rate products using options provided by the system. Further, based on user preferences and ratings assigned to each product by friends in the social circle, a weighted sum of rating is measured and assigned to each product, which is then displayed to the user. Rating of a product may vary for different users based on the user preferences and ratings assigned by members of each user™s social circle. The system suggests products based on the user™s past purchase history and weighted sum of ratings calculated for the products.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1520/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : AN INTEGRATED CHASSIS FOR PATIENT MONITOR AND METHODS FOR ASSEMBLING

(51) International classification	:H05K	(71) Name of Applicant : 1)SKANRAY HEALTHCARE PVT. LTD. Address of Applicant :PLOT NO. 306, KIADB INDUSTRIAL AREA, HEBBAL, MYSORE - 570 018 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 integrated chassis assembly comprising various metal sheet plates fabricated to form an optimized mounting platform for biomedical instrumentation systems and the like. The assembly comprises a first bracket means (118) which secures battery of the system such that the assembly will not tip over or toggle during normal use and a second bracket means (104) in substantially perpendicular relation with the said first bracket means, said second bracket means being provided with plural cutout means whereby said cutouts are located so that it provides a means for relief for connectors and shortest travel path for interfacing cables between different modules and components assembled on the said chassis.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/04/2013

(21) Application No.1732/CHE/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : FACIAL RECOGNITION SYSTEMS AND METHODS FOR SECURED MANAGEMENT OF PRIVILEGED DATA

(51) International classification	:H04L, G06F	(71)Name of Applicant : 1)SRINIVAS ANNAMBHOTLA Address of Applicant :FLAT NO. 204, 3-6-502, SATGURU APPARTMENTS, HIMAYAT NAGAR, HYDERABAD - 500 029 Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : 1)SRINIVAS ANNAMBHOTLA
Filing Date	:NA	
(87) 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 :

Exemplary embodiments of the present disclosure are directed towards a facial recognition system and method for secure management of privileged data. The system includes a data encryption unit for encrypting one or more files with one or more encryption layers before digitally transmitting from a network device of a sender to one or more sender specified recipients, a data retrieval unit for reading a metadata associated with the one or more files and identifying a receipt of the one or more files with privileged data in the digital account of the user and allowing to be consumed by the one or more recipients over the network device, a face recognition and image processing unit for correlating a frame of an image comprising a face of one or more sender recipients with a validating data corresponding to the one or more sender specified recipients and a data decryption unit for decrypting the one or more files received by the data retrieval unit and allowing to be consumed by the one or more validated recipients over the network device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/04/2013

(21) Application No.1776/CHE/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR FACILITATING ONLINE AND OFFLINE FINANCIAL TRANSACTION

(51) International classification	:G06Q	(71) Name of Applicant : 1)RAMESH THIMMANA Address of Applicant :FLAT NO.102 B, BN RESIDENCY, 8-3-1112, KESAV NAGAR, SRI NAGAR COLONY ROAD, HYDERABAD - 500 073 Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 :

Exemplary embodiments of the present disclosure are directed towards a system and method for facilitating online and offline financial transactions using the digital wallets. The method includes receiving a request of a user by a wallet service providing platform for creating a primary digital wallet, determining the authenticity of the credentials provided by the user for associating the financial account of the user with the primary digital wallet, transmitting a message to the data communication device to activate the primary digital wallet and for successful association of the base financial account. The method further includes allowing the user to top-up the primary digital wallet with a predetermined amount by transferring a balance available in the source financial account and to create one or more secondary digital wallets linked to the primary digital wallet to be used by the user specified affiliates.

No. of Pages : 49 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2013

(21) Application No.1688/CHE/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SUBMERSIBLE PUMP AND PROTECTIVE TUBE PULLER

(51) International classification	:B66C	(71) Name of Applicant : 1)PRAKASHCHAND Address of Applicant :S/O JAYARAMAJI, KUBESHWARA LAYOUT, MALUR TOWN, KOLAR DIST, PIN 563 130 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an apparatus and method of putting out the submersible pump and protective tube of the well bore where nowadays pulling out protective tube is not a very easy job without taking the help of manual power and other crane machines. This invention solves the problem of above difficulty and makes the pulling out work easier than before. The apparatus comprising of base frame, can be easily transported to well bore place and pivot frame comprising of two opposite sides of arms and telescopic mast for pivot mechanism to keep the mast in upright position. Telescopic mast can be extended to further height and lock with metal pins. The primary pivot mechanism gets actuated through second gear mechanism that is attached near the pulley of the mast. A wire rope is mounted on the slant opposite side arms which passes through pulley and at the end of the rope is attached with locking mechanism that locks the surface protective pipe or pump. The second mechanism gets actuated when the first gear mechanism is activated to transfer the power to second gear mechanism and when second gear mechanism is activated, it causes the reel of rope to pull back thereby pull out the well tubing.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/04/2013

(21) Application No.1704/CHE/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A METHOD OF PREPARATION OF LONG LIFE CHHANA JALEBI AND EXTENSION OF SHELF LIFE BY MEANS OF PRESERVATION, PACKAGING AND STORAGE

(51) International classification	:A23L, A21D	(71) Name of Applicant : 1)MRS. P. GEETHA Address of Applicant :F-3, SRI KUMARAN FLATS, NO.6-KULASEKARAN AVENUE, URAPPAKKAM-KANCHIPURAM DISTRICT, PINCODE - 603 202 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	2)MR. R. ARIVAZHAGAN
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MRS. P. GEETHA
Filing Date	:NA	2)MR. R. ARIVAZHAGAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of preparation of chhana jalebi and preservation by means of packaging and storage is described. Boil the desired level of fat and SNF milk and then cool down to 80°C. Acidify the milk by adding 2% citric acid making coagulum out of the milk. After coagulation, milk was strained and the coagulum was separated from the whey. A batter was prepared by mixing required quantity of Maida, corn flour and water. The batter was left for hydration for 3hours. He aged batter was then mixed with the milk coagulum and made to dough consistency. The dough was extruded through aperture of plastic container into hot refined vegetable oil and the coils fried. The fried coils were then soaked in sugar syrup. Chhana Jalebi with a shelf life of 2 months at ambient temperatures was achieved by using preservatives and packaging materials with gas flush combination. The shelf life of chhana jalebi could further be enhanced even after 6 months by storing at refrigerated temperature.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/04/2013

(21) Application No.1799/CHE/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD, SYSTEM, AND/OR APPARATUS FOR ASSISTING IN PREPARATION FOR A TEST OR AN EXAMINATION

(51) International classification	:G09B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)APARNA RAO
(32) Priority Date	:NA	Address of Applicant :8907 WOODWAY DR IRVING TX
(33) Name of priority country	:NA	75063 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)APARNA RAO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods, apparatuses, devices and systems associated with test preparation are disclosed. In one example wherein a set of multiple types of test preparation artifacts comprising of course syllabi, units within a course syllabus, notes, tutorials, old question papers, answers, solutions, and discussion threads for each question from the question papers. The set is associated with the preparation plan of a specific Test Taker and is to be processed in one or more stages. The set is stored in a persistent storage. The artifacts associated with the set are assigned based on the preparation plan. The set associated with the preparation plan is retrieved.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/04/2013

(21) Application No.1725/CHE/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR OFFLINE PACKAGING OF MULTI-TIER VIRTUAL APPLICATION

(51) International classification	:G06F	(71) Name of Applicant : 1)HCL Technologies Limited Address of Applicant :HCL Technologies Ltd, 50-53 Greams Road, Chennai- 600006, Tamil Nadu, India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 embodiment disclosed herein describes a method and system which enables migration of a virtual application with its configurations at various cloud infrastructure levels like hypervisor level, application level or management level from a source cloud environment to any target cloud environment, independent of the nature of the target cloud environment. The principal object of this invention is to provide a method and system for defining a standard cloud independent way for offline packaging the multi-tier virtual application, the application properties, and the deployment and environment properties like its networking and security configurations as single entity. Another object of the invention is to provide an on-demand conversion of this offline package to the decided target cloud environment by creating a target cloud specific deployment package and deploying the package into the target cloud. Another object of the invention is to provide conversion of configurations from all cloud levels.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1733/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 03/05/2013

(54) Title of the invention : CRIME EVIDENCE PROVIDER CUM HELP SEEKER

(51) International classification	:G06Q	(71) Name of Applicant : 1)R. MUTHURAJ Address of Applicant :NO. M11/6, TNHB FLATS PHASE I&II, AYAPPAKKAM VILLAGE, AMBATTUR, CHENNAI Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 existing invention is crime evidence provider cum help seeker where the system is basically designed over cognitive model to give the machine the required intelligence of being situation aware of pervasive environment. The strength of the system will be in its design of integrating cognitive model with mobile and pervasive computing. For the communication part it uses well established mobile infrastructure. The system is composed of both hardware and software. This design gives the simplistic nature to the system further gives the hope it will comprehend the personal security of everyone by playing the role of presence of police informer cum help seeker, preventing crimes be happened. Without any doubt the system will pose heavy impact and trigger the development of e-governance projects in the departments associated with crime such as police, judiciary, forensic etc.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4226/CHE/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A NOVEL PROCESS FOR THE PREPARATION OF AZILSARTAN MEDOXOMIL

(51) International classification	: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	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)AMBATI V RAGHAVA REDDY
(87) International Publication No	: NA	2)HERO VELLADURAI
(61) Patent of Addition to Application Number	:NA	3)GARAGA SRINIVAS
Filing Date	:NA	4)MEENAKSHISUNDERAM SIVAKUMARAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is related to a novel process for the preparation of Azilsartan medoxomil (I), comprising the step of cyclizing Azilsartan amidoxime (XII) to produce Azilsartan medoxomil (I).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4227/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF BIOFUMIGANT FROM LEAVES OF LANTANA CAMARA AGAINST STORED GRAIN INSECT PESTS

(51) International classification	:A01N	(71) Name of Applicant : 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH Address of Applicant :NATIONAL BUREAU OF AGRICULTURALLY IMPORTANT INSECTS, P.B. NO 2491, H.A. FARM POST, BELLARY ROAD BANGALORE - 560 024 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)DR. Y. RAJASHEKAR
Filing Date	:NA	2)DR. N. BAKTHAVATSALAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the preparation of biofumigant molecule from leaves of Lantana camara effective against stored grain insect pests. Extracts from the leaves of Lantana camara were found to have insecticidal activity against the stored product insects. The bioactive principle was isolated from the active extracts by column chromatographic fractionation. The molecular structure of the compound was characterized by NMR and GC-MS. The bioactive molecule was identified as Cownaran (2, 3, dihydrobenzofuran). The purified compound showed insecticidal potency against the stored product insects, Sitophilus oryzae, Callosobruchus chinensis, and Tribolium castaneum by fumigation. Grain protection properties of the compound treated wheat and green gram treated with 30 ppm/kg. The compounds were found to protect the grain against infestation during storage. The compound could also be used for seed treatment, household infestation control, crop pests control and ectoparasitic control on domestic animals and pets. Cownaran is known bioactive molecules with novel insecticidal activity from leaves of Lantana camara and a promising grain protectant of natural origin.

No. of Pages : 43 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.4080/CHE/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A SYSTEM FOR PUMPING COLD WATER DEPLOYING PERMANENTLY MOORED FLOATING CONDUIT FROM DEEP SEA

(51) International classification	:B63B	(71) Name of Applicant : 1)NATIONAL INSTITUTE OF OCEAN TECHNOLOGY Address of Applicant :MINISTRY OF EARTH SCIENCES (MOES), NIOT CAMPUS, VELACHERY-TAMBARAM MAIN ROAD, NARAYANAPURAM, PALLIKARANAI, PO CHENNAI 600 100 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 floating conduit disclosed herein contains a buoyancy unit enclosing the pipe(s) to pump deep sea cold water which is connected to the conduit through a suitable joint mechanism. The conduit contains a space frame guide extending downwards from the said buoyancy unit and rigidly connected to it, which shields the pipe(s) from environmental factors; the guide also contains dampers spaced apart for heave reduction. The conduit contains a variable ballasting unit rigidly connected to the guide, permanently / temporarily ballasted with denser material for stability. The conduit also contains an exclusive interface connection on the top of the buoyancy unit, capable of connecting with any floating platform supporting desalination / ocean thermal energy conversion process units. The interface connection continuously transfers large quantities of deep sea cold water from the floating conduit to the platform. The conduit is secured to the sea bed by suitable spread mooring System with high holding power or suction pile anchors.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2012

(21) Application No.4273/CHE/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : MULTI INTERCONNECTED COMPARTMENT DEVICE WITH HEAT EXCHANGERS FOR THE PRODUCTION OF DRINKING WATER FROM LOW TEMPERATURE FLUID STREAMS

(51) International classification	:C02F	(71) Name of Applicant : 1)NATIONAL INSTITUTE OF OCEAN TECHNOLOGY Address of Applicant :MINISTRY OF EARTH SCIENCES (MOES), NIOT CAMPUS, VELACHERY-TAMBARAM MAIN ROAD, NARAYANAPURAM, PALLIKARANAI PO, CHENNAI 600 100 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)G. VENKATESAN
Filing Date	:NA	2)V. SAMSON PACKIARAJ RAPHAEL
(62) Divisional to Application Number	:NA	3)RAJU ABRAHAM
Filing Date	:NA	4)DR. PURNIMA JALIHAL

(57) Abstract :

A device for the production of drinking water from low temperature fluid streams comprises of two multi interconnected compartment heat exchanger chambers viz an inclined flash evaporation chamber to generate water vapour and a condensation chamber that houses the bare tube / plate bundles and these two chambers are in fluid communication with each other. The low temperature fluid stream flows through the successive compartments of the evaporation chamber against gravity. As the pressure in the compartment is maintained lower than the saturation temperature/pressure of the inlet fluid stream, the water vapor is generated. The generated water vapors are then transferred to the condensation chamber where the flow of the condensate is in the countercurrent direction to the flow of the fluid stream. The condensation chamber is located below the vaporization chamber and connected by a long duct and is operative to withstand a vacuum pressure of less than the saturation pressure of its inlet feed seawater temperature. The generated fresh water drains down into the storage reservoir via an outlet line.

No. of Pages : 13 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/02/2013

(21) Application No.489/CHE/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A NOVEL SEMI-ADIABATIC AIR GAP COPPER/SILVER CROWN PISTON FOR IC ENGINE USING DIESEL AND ALCOHOL BLENDED FUELS FOR REDUCING TOXIC ALDEHYDE, CARBON MONOXIDE AND HYDROCARBON EMISSIONS

(51) International classification	:F02B	(71) Name of Applicant : 1)DR. HIREGOUDAR YERRENNAGOUNDAR Address of Applicant :PROFESSOR. DEPARTMENT OF MECHANICAL ENGINEERING RAO BAHADUR Y. MAHABALESHWARAPPA ENGINEERING COLLEGE, BELLARY - 583 104 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 :

Semi-adiabatic air-gap copper / silver crown piston, a modification of a conventional piston of diesel engine, is provided with a thick copper crown at the top of the piston and 3 mm air gap just below the copper crown. This modified piston can be used in a diesel engine either with total or partial blending of diesel with methanol or ethanol or with diesel alone as fuel and this modification considerably reduces emission of toxic aldehydes and other gases, like carbon monoxide and hydrocarbons, from exhaust gases. These modified pistons can also be used with high viscous and low cetane fuels like alcohols and vegetable oils. Silver being less prone to oxidation (in precious metal group), silver crown piston lasts considerably longer than copper crown piston.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.986/CHE/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : MULTIPURPOSE AGRICULTURE EQUIPMENT

		<p>(71)Name of Applicant : 1)MURALIDHARA.T Address of Applicant :HARSHAVARDHANA.P, S/O. SHANMUKAPPA P#, SHIVARATHREESHWARA NAGARA, COCONUT FARM, 7TH MAIN, NEAR SANKASATHARA GANAPATHI TEMPLE, MYSORE - 570 015 Karnataka India</p> <p>2)HRSHAVARDHANA.P 3)NAGESHA.M 4)ANUSHA.D 5)PADHMINI.S</p>
(51) International classification	:A01B, A01C	
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 :

India is a nation in which about65% of the people depend on agriculture for their livelihood. Among these formers, most of them are very poor who cannot afford to pay labour charges for various agricultural activities like seed sowing, spraying insecticides and weeding. Lack of power supply adds to these troubles which aggravate the problems of the poor Indian farmer. Hence the newly invented equipment titled Multipurpose agricultural equipment finds a solution to these problems. This equipment can perform the agricultural activities like, seed sowing, spraying of pesticides, weeding, fertilizing, and transportation. This is possible by dismantling the unwanted unit and assembling the required one, within no time very easily and comfortably. The less cost of the equipment and simple mechanisms have made it farmer friendly.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2013

(21) Application No.997/CHE/2013 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A RAPID, FIELD TEST KIT FOR CHICKEN ANAEMIA VIRUS ANTIBODY DETECTION

(51) International classification	:C12N7/00	(71) Name of Applicant : 1)TAMILNADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY Address of Applicant :MADHAVARAM MILK COLONY, CHENNAI 600 051 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DR. SEERALAN MANOHARAN
(62) Divisional to Application Number	:NA	2)DR. KATHAPERUMAL KUMANAN
Filing Date	:NA	

(57) Abstract :

A rapid field test kit for Chicken Anaemia Virus Antibody detection containing glass slide and a bottle containing latex beads, prepared such as herein described coated with approximately 700 ng/ml concentration of the recombinant Chicken Anaemia Virus Viral Protein(CAV VP1), prepared such as herein described and aseptically sealed separately.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2012

(21) Application No.912/CHE/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A HIGH REFRACTIVE INDEX POLYMER FORMULATION

(51) International classification	:A61F	(71) Name of Applicant : 1)RAVILLA DURAISAMY THULASI RAJ Address of Applicant :AUROLAB, #1, SIVAGANGAI MAIN ROAD, VEERAPANJAN, MADURAI - 625 020 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a hydrophobic polymer formulation having refractive index ranging between 1.4 and 1.6, preferably between 1.50 and 1.54 that may be used for diverse applications, including use in the preparation of intraocular lenses. The present disclosure further provides a process for the preparation of the high refractive index hydrophobic polymer formulation along with a process for the preparation of an intraocular lens using the same.

No. of Pages : 43 No. of Claims : 20

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.2945/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND SYSTEM TO AUTHENTICATE IDENTITY VIA IMAGE CAPTURE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AVATAR SOFTWARE PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :69, NORA NIWAS, BHAWANI
(33) Name of priority country	:NA	KUNJ, NEW DELHI 110070 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KUMAR RAHUL GHOSH
(87) 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 method and system for authentication of an identity of a user via the mechanism of image capture. More particularly the present invention discloses a method and system for authentication of the identity of a user using a portable device having image capture ability, without providing the login information of the user.

No. of Pages : 45 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.3050/DEL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : AUTOMATIC MACHINE FOR SCOOPING OUT THE PULP FROM CUSTARD APPLE FRUITS

(51) International classification	:F17B	(71) Name of Applicant : 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH Address of Applicant :KRISHI BHAWAN, 1, DR. RAJENDRA PRASAD ROAD, NEW DELHI-110 001 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 :

Custard apple (*Artocarpus squamosa* Z.), popularly known sitaphal in India is a most delicious and favourite fruit of the tropics. Custard apple fruits very perishable and have a short post-harvest life therefore they require efficient storage techniques. Ripe fruits can be stored only for 1 -2 days without decay. It is observed that more than 75 per cent of fruits produced go waste after harvesting due to inefficient processing, storage techniques and short shelf life of fruits. So in order to overcome this problem, an automatic machine has been designed and developed for separating the pulp, seeds and peels from the custard apple fruits. The overall dimension of the machine is 120X120X140 cm. The developed machine has been evaluated for its performance. The capacity of the machine is around 120Kg/hr, and the efficiency of pulp recovery from fruits is around 94-96% with 6% pulp wastage along with peels. In that pulp recovery coarse / intact Pulp recovery is around 70-72% and fine pulp recovery is around 28-30%.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.3068/DEL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : Continuous Transportation System for Transporting Bulk Materials

(51) International classification	:F17B	(71) Name of Applicant : 1)Susilo Dwijantoro Address of Applicant : Apartemen Taman Rasuna U 19-05-06 RT/RW.006/010 Menteng Atas Setiabudi Jakarta Selatan Indonesia.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)Susilo Dwijantoro 2)Ramaditya Mahendra Djan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to the Continuous transportation system for transporting bulk material which consists of rail-shaped track for passage of carriage of bulk material transporter to distribute it. Transporter carriages can be connected to one another so as to form a sei-ics with a certain length; it can even fidfill the entire track. At one end of the track there is a location of loading for carriage load transporter to the unloading location while at the other end there is an unloading location to unload the contents of the casriage transporter. Between the location of the loading and unloading location there are junction inechanisn to direct or distort the dilcction of series transporter because the number of loading location series transporter because the number of loading location more than one at a distance apart....

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.3083/DEL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A SMART BIOPOLYMER FROM ELEUSINE CORACANA FOR COLON-SPECIFICITY AND ITS OTHER PHARMACEUTICAL APPLICATIONS

(51) International classification	:A61K	(71) Name of Applicant : 1)N.V. SATHEESH MADHAV Address of Applicant :DIT-FACULTY OF PHARMACY, DEHRADUN Uttarakhand India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)N.V. SATHEESH MADHAV 2)SWATI NAINWAL
Filing Date	:NA	
(87) 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 explains the novelistic approach for colon-specificity comprising of bio-solid dispersion, chips of bio-sustained tablets, bio-hydrogels and other co-processing agents using a novel biopolymer isolated from Eleusine coracana by simple and economic process as a colon-specific retardable polymer. The biopolymer is screened for its physicochemical properties and its in-built properties along with acute toxicity profile. This novelistic approach displayed significantly prolonged release with t80% of 165 hour in colonic pH. The biopolymer displayed its in-built properties like retardability, emulsifiability, sustainability and prolongability which was confirmed by suitably formulating dosage form using beclomethasone as an active pharmaceutical ingredient. Finally conclusion was drawn that chips n cap is effective technology for colon-specificity should comprise above mentioned composition with biomaterial of Eleusine coracana as a bio-retardant. This novel biomaterial can also serve as bio-compatible excipient to formulate drug loaded drug delivery system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3063/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : A SYSTEM AND A METHOD FOR EVALUATING TRUSTWORTHINESS OF INDIVIDUALS AND ORGANISATIONS

(51) International classification	:F17B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NETORBIS SOCIAL MEDIA PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :J-34/B, PHASE I, ASHOK VIHAR,
(33) Name of priority country	:NA	DELHI 110052 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAHUL UPPAL
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system and a method for evaluating trustworthiness of individuals and organisations.

No. of Pages : 34 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.3077/DEL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SLOT MACHINE GAME WITH VIBERATING GAME BOARD

(51) International classification	:B60H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRIYA KAPOOR
(32) Priority Date	:NA	Address of Applicant :F-26/120, SECTOR-7, ROHINI,
(33) Name of priority country	:NA	DELHI 110085 India
(86) International Application No	:NA	2)SAURABH KAPOOR
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)PRIYA KAPOOR
(61) Patent of Addition to Application Number	:NA	2)SAURABH KAPOOR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

NA

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.3089/DEL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF FOOD SUPPLEMENT

(51) International classification	:A23C	(71) Name of Applicant : 1)GAURAV SHARMA Address of Applicant :B-7/5050, VASANT KUNJ, NEW DELHI-110070 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a process for preparation of different food supplement containing phytonutrients from the given herbs in right proportion with all the vitamins, minerals and antioxidants comprises step of supercritical CO₂ extraction followed by spray Dry extraction of herb and then blending of both the extracts into a proprietary blend, Sieving, Addition of Vitamin/mineral/antioxidants powder in material after sieving through 80 mesh shifter, Granulation/liquid blend of dry Powder & oil blend and mixed with granules of Vitamin/minerals and antioxidants and Filling granules/liquid mix in hard gelatine/ soft gelatine Capsules.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3090/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR AUTOMATIC IDENTIFICATION AND ESTRUS DETECTION IN BUFFALOES BASED ON THEIR VOCALIZATION PATTERNS

(51) International classification	:H02J	(71) Name of Applicant : 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR) Address of Applicant :Krishi Bhawan 1 Dr. Rajendra Prasad Road New Delhi 110001 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 :

NONE

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3115/DEL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A NOVEL BIOPOLYMER FROM THE SEEDS OF HELIANTHUS ANNUS & ITS PHARMACEUTICAL APPLICATIONS

(51) International classification	:A61K	(71) Name of Applicant : 1)N.V. SATHEESH MADHAV Address of Applicant :DIRECTOR , DIT-FACULTY OF PHARMACY, DEHRADUN-248809 Uttarakhand India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)N.V. SATHEESH MADHAV 2)SHAHANAZ SHAIK
Filing Date	:NA	
(87) 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 biopolymer was isolated from the seeds of Helianthus annus by simplified economic process. The biomaterial was subjected for various physicochemical properties. The biopolymer was used for preparing bioadhesive films using Oxiconazole and biopenetrant isolated from Bougainvillea glabra and other co-processing agents for Trans-ungual drug delivery in order to effectively deliver the drug to nail and nail bed for a prolonged delivery. The formulated films showed significant effective penetration of drug into the nail plate which is confirmed by in-vitro and in-vivo studies. This is due to the presence of bio-penetrant. The biopolymer also possess novelistic inbuilt properties like filmability, emulsifiability, sustainability, retardability which was confirmed by suitably designing dryg loaded dosage forms. The conclusion was drawn that the biopolymer can serve as a bio-excipient for formulating various drug loaded dosage forms.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3116/DEL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PERSONAL FLYING VEHICLE

(51) International classification	:B25C	(71) Name of Applicant : 1)NISHANT AGARWAL Address of Applicant :SAFDARJANG ENCLAVE A-I/146, GROUND FLOOR, NEW DELHI-110029 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 vehicle is a general shape similar to a road vehicle(car), but has the ability to take flight, based a special mechanism using the basic principle of MAGNUS EFFECT. The maneuvering of the car is controlled by systems different for roads and while during flight. Though to the driver it appears to be a single simple steering mechanism . The controls are simpler than the handling of any other aerial vehicle. The vehicle is a hybrid with two engines for producing power in the system namely an electric (3-Phase Alternating Current motor)engine and a jet engine. The jet engine used is driven by a reciprocating engine unlike other turbojets and is a blend of power-space-economy. KEY WORDS: Road vehicle, Magnus Effect, maneuverance and handling, steering mechanism, aerial vehicle, hybrid vehicle, Jet engine, reciprocating engine, turbojet.

No. of Pages : 26 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3096/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : A SURGICAL SNARE.

(51) International classification	:H02J	(71) Name of Applicant : 1)RAHUL DAGA, Address of Applicant :3/4 NEHRU ENCLAVE EAST, NEW DELHI-110 019 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)RAHUL DAGA,
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a surgical snare for retrieving relatively small pieces of sample tissue of foreign bodies from a patient during endoscopic procedure.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.3097/DEL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A BIOPSY FORCEPS.

(51) International classification	:G01K	(71) Name of Applicant : 1)RAHUL DAGA, Address of Applicant :13/4, NEHRU ENCLAVE, EAST, NEW DELHI-110019. India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a biopsy forceps for taking small internal tissue samples from a patient during an endoscopic examination.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.3106/DEL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : FILE LOCK PRESERVATION

(51) International classification	:B64C
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)HEWLETT-PACKARD DEVELOPMENT COMPANY
L.P.**

Address of Applicant :11445 Compaq Center Drive West
Houston Texas U.S.A.

(72)Name of Inventor :

**1)MOHAMED Nabeel M
2)SHANMUGAM Neducheralathan**

(57) Abstract :

A method for preserving file locks is described herein. The method includes detecting a node migration event occurring at a migrating node in a cluster system (105) and in response to detection of the node migration event initiating a deny mode for an affected node in the cluster system (105) the deny mode being initiated with respect to an affected file system. Further it is ascertained whether a migration completion criterion is met and an allow mode for an adoptive node is initiated when the migration completion criterion is met. In the allow mode the adoptive node processes lock reclaim requests associated with the migrating node.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3107/DEL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : CHESS

(51) International classification	:B64C	(71) Name of Applicant : 1)Sarower Singh Bhati S/o. Jatan Singh Bhati Address of Applicant :Flat No. 302 D-238 Bihari Marg Collectorate Banipark Jaipur (Raj.) India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 :

One to six person chess board game for providing a more challenging chess game having six players rather than the traditional two players. The 6-person chess board includes a round-shaped game board having a plurality of round-shaped game- piece movement sections displayed upon a top surface of the round-shaped game board; and also includes game pieces movably disposed upon the round-shaped game board.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.3120/DEL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : AN IMPROVED MEDIUM COMPOSITION AND A PROCESS FOR ENHANCED LUTEIN PRODUCTION FROM MICROALGAE

(51) International classification	:B25C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI- 110 001, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)ANILA N
Filing Date	:NA	2)DARIS P SIMON
(87) International Publication No	:NA	3)SILA BHATTACHARYA
(61) Patent of Addition to Application Number	:NA	4)R. SARADA
Filing Date	:NA	5)G.A. RAVISHANKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Microalgae are known for many high value metabolites such as carotenoids, phycobiliproteins and biomolecules of nutraceutical and pharmaceutical applications. Although lutein forms the major pigment during growth phase of many microalgae, only limited organisms such as Chlorella and Murielopsis are exploited. These algae are mainly grown under heterotrophic conditions in closed bioreactors. The present invention is focused on an improved medium for autotrophic growth of selected microalgae such as Dunaliella and Botryococcus for lutein production. The improved medium enhanced the lutein content by 5-7 folds.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.3121/DEL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : FOAMED DOOR WITH A FOAMED-IN ASSEMBLY AND A PROCESS OF MANUFACTURING THEREOF•

(51) International classification	:B25C	(71) Name of Applicant : 1)Whirlpool of India Ltd. Address of Applicant :Whirlpool House Plot no. 40 Sector-44 Gurgaon-122002 Haryana India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 improved process for manufacturing of foamed door with foamed-in lock assembly. In the process of the present invention barrel of lock assembly is pivotally mounted on the front (rigid) panel and a guider is mounted on the rear (flexible) panel for receiving the said barrel. The front panel and the rear panel are mounted on the bottom and top platen respectively. Thereafter foam in liquid form is applied on the front panel which foaming the rear panel is moved towards the front panel with the help of the top platen. When the rear panel overlaps the front panel the lock barrel is received in the guider. The conical or funnel shape of the guider enables to adopt/accommodate vertical axis variation of the barrel. The process of the present invention reduces the foam leakage to zero.

No. of Pages : 32 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3085/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : AN ORTHOMODE TRANSDUCER CORRUGATED CIRCULAR HORN WITH SIMULTANEOUS DUAL POLARIZATION

(51) International classification	:H01R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANISATION (DRDO)
(32) Priority Date	:NA	Address of Applicant :Ministry of Defence Government of
(33) Name of priority country	:NA	India Room No. 348 B-wing DRDO Bhawan Rajaji Marg
(86) International Application No	:NA	New Delhi-110105 India
Filing Date	:NA	
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)IQBAL AHMED KHAN
Filing Date	:NA	2)ANIL KUMAR SINGH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

One embodiment of the present disclosure is an orthomode transducer (OMT) corrugated circular horn 100 with simultaneous dual polarization in C-band for weather radar applications. The OMT is capable of receiving both horizontal and vertical polarizations (105 104) simultaneously. It consists of a common waveguide that is square or circular waveguide 102 cross section interfacing with the feed horn. The common waveguide transmits two orthogonal dominant modes (TE 10 / TE 01) and two branch waveguides corresponding to these modes. Thus the OMT 100 is electrically a four port device though it exhibits only three physical ports. Each branch waveguide couples to each orthogonal mode respectively. Thus the OMT 100 operates as a polarization coupler. A circular corrugated feed horn 101 is designed to achieve axial symmetric pattern with low cross polarization.

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.3088/DEL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : FOOD SUPPLEMENT FORMULATION FOR DIABETICS

(51) International classification	:A23C	(71) Name of Applicant : 1)GAURAV SHARMA Address of Applicant :B-7/5050, VASANT KUNJ, NEW DELHI-110070 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a food supplement formulation for diabetics and in particular to a food supplements formulation containing phytonutrients form the herbs and antioxidants comprising Gymnema Sylvestre, Momordica Charantia, Pterocarpus Marsupium, Trigonella Foenum Graecum, Cinnamomom Zeylicum, Syzgium Cumini, Alpha Lipoic Acid, Benfotiamine, Tinospora Cordifolia, Coccinia Indica, Lutein, Myristica Fragrans, Azadirachta Indica, Zingiber Officinalae, Piper Longum, Ocimum Sanctum, Emblica Officinalis, Cassia Fistula, Lagerstroemia Speciosa, Curcuma Longa, Astaxanthin, Moringa Oleifera, Commiphora Mukul, Lawsonia Inermis, Zeaxanthin with Minerals(Zinc, Chromium, Vanadium, Selenium) and vitamins(B3, B6, B12, Biotin, Folic acid and D3).

No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3109/DEL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : AMORPHOUS FORM OF CABAZITAXEL AND PROCESS FOR ITS PREPARATION

(51) International classification	:C09B	(71) Name of Applicant : 1)FRESENIUS KABI ONCOLOGY LTD. Address of Applicant :B-310, SOM DATT CHAMBERS-I, BHIKAIJI CAMA PLACE, NEW DELHI-110 066, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 Amorphous Form of 4 - acetoxy - 2a - benzyloxy -S - 20 - epoxy - 1 - hydroxy - 7, 10 - dimethoxy - 9 - oxotan - 11 - en - 13 - yl {2R,3S} -3 - tert - butoxycarbonylamino - 2 - hydroxy - 3 - phenylpropionate, i.e Cabazitaxel, methods for its preparation and pharmaceutical composition thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.3119/DEL/2011 A

(43) Publication Date : 03/05/2013

(54 Title of the invention : DELIVERING DATA FROM A SECURE EXECUTION ENVIRONMENT TO A DISPLAY CONTROLLER

(51) International classification	:B25C	(71) Name of Applicant : 1)INTEL CORPORATION Address of Applicant :2200 MISSION COLLEGE BLVD., M/S: RNB4-150, SANTA CLARA, CA 95052, U.S.A.
(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)AVANCHA, SASIKANT
(87) International Publication No	:NA	2)KOTHARI, NINAD
(61) Patent of Addition to Application Number	:NA	3)BANGINWAR, RAJESH
Filing Date	:NA	4)KGIL, TAEHO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and systems may include a computing system having a display, a display controller with a decryption module, and a security element with security logic. The security logic can be configured to establish a secure path between the secure element and the display in response to a secure output mode request, wherein the secure path includes the display controller. In addition, the security logic may be configured to prevent the decryption module from being bypassed, and transmit encrypted data from the secure element to the display via the secure path.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3133/DEL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : VIRTUAL MACHINES IN A PACKET SWITCHING DEVICE

(51) International classification	:B64D	(71) Name of Applicant : 1) CISCO TECHNOLOGY, INC. Address of Applicant :170 W. TASMAN DRIVE, SAN JOSE, CA 95134, A CALIFORNIA CORPORATION U.S.A.
(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) AKASH R. DESHPANDE
(87) International Publication No	:NA	2) JOHN H. W. BETTINK
(61) Patent of Addition to Application Number	:NA	3) MICHAEL E. LIPMAN
Filing Date	:NA	4) PRADOSH MOHAPATRA
(62) Divisional to Application Number	:NA	5) KANNAN DEVARAJAN
Filing Date	:NA	6) PRABHAKARA R YELLAJ
		7) RAJAGOPALAN M AMMANUR
		8) SAMIR D. THORIA

(57) Abstract :

In one embodiment, a packet switching device creates multiple virtual packet switching devices within the same physical packet switching device using virtual machines and sharing particular physical resources of the packet switching device. One embodiment uses this functionality to change the operating version (e.g., upgrade or downgrade) of the packet switching device by originally operating according to a first operating version, operating according to both a first and second operating version, and then ceasing operating according to the first operating version. Using such a technique, a packet switching device can be upgraded or downgraded while fully operating (e.g., without having to reboot line cards and route processing engines).

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3134/DEL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A SYNERGISTIC HERBAL COMPOSITION FOR PREVENTING AND TREATMENT OF DIABETIC RETINOPATHY AND CATARACT•

(51) International classification	:B64D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PROMED RESEARCH CENTRE
(32) Priority Date	:NA	Address of Applicant :A unit of PROMED Exports Pvt. Ltd. 261 Udyog Vihar Phase-IV Gurgaon Haryana - 122001 India
(33) Name of priority country	:NA	2)DELHI INSTITUTE OF PHARMACEUTICAL SCIENCES & RESEARCH
(86) International Application No Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Deepak Bahri
(61) Patent of Addition to Application Number Filing Date	:NA	2)Shrikant Gaur
(62) Divisional to Application Number Filing Date	:NA	3)SK Gupta
		4)BP Srinivasan
		5)Ram Kumar Gupta
		6)Ashutosh Aggarwal
		7)Binit Kumar
		8)Sushma Srivastava
		9)Rohit Saxena

(57) Abstract :

The present invention relates to a synergistic herbal composition for preventing and curing secondary complications arising from diabetes mellitus such as diabetic retinopathy and cataract and process for the preparation of the same in pharmaceutically acceptable dosage forms.

No. of Pages : 36 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3094/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROFILE SWITCHING IN MOBILE COMMUNICATION DEVICES

(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)ALCATEL-LUCENT

Address of Applicant :3, AVENUE OCTAVE GREARD,
75007 PARIS, FRANCE

(72)Name of Inventor :

1)TRIVEDI, MAHESH

(57) Abstract :

Described are embodiments of methods and a profile switching system (102) to identify location of a mobile communication device (104) and configure a profile in the mobile communication device (104). According to one embodiment, the method comprises acquiring location data associated with the mobile communication device (104), identifying, based on the location data, whether the mobile communication device (104) is located in a predefined zone, and encoding a message with profile switching data, based on the identifying.

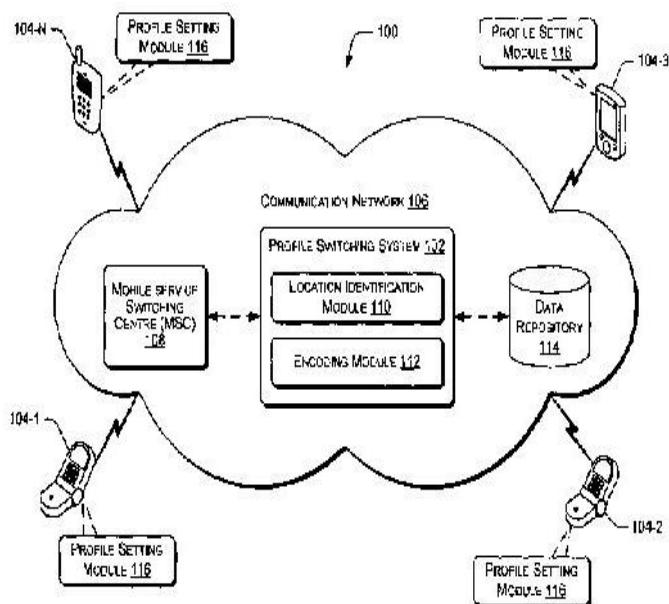


Figure 1

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3113/DEL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A SORTASE-CLICK REACTION SUITE FOR DEFINED PROTEIN DENDRIMER ASSEMBLY:
SYNTHETIC EXAMPLE OF A MULTIVALENT VACCINE. •

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF IMMUNOLOGY
(32) Priority Date	:NA	Address of Applicant :Aruna Asaf Ali Marg New Delhi
(33) Name of priority country	:NA	110067 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Rajendra Prasad Roy
(87) 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 :

We present here a general and straightforward chemoenzymatic method for synthesis of well-defined protein dendrimers. The method involves a simple two-step process in which proteins appended with an orthogonal label by facile sortase-mediated ligation are conjugated to a multivalent dendritic scaffold using the versatile copper-catalyzed azide-alkyne cycloaddition reaction. The ~Sortase-Click™ strategy produces satisfactory yield of dendrimers under mild conditions from readily available His6-tagged proteins and serves as a powerful general strategy for covalent assembly of protein dendrimers.

No. of Pages : 52 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : AN ENVIRONMENTALLY HARMONISED MODULAR SUBSTATION.

(51) International classification	:H02B 100	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE,DR.ANNIE BESANT ROAD,WORLI, MUMBAI-400 030,MAHARASHTRA,INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)SANDERS DAVID G.
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A modular substation housing for housing a transformer, switchgear equipment, and associated equipment, characterised in that, said housing being covered by locally available building material, and said housing comprises: clam shell type opening mechanism for said housing, to provide access to interior of said housing, wherein said housing is a split type compartment with an operative front section seamed with an operative back section with a hinge adapted to hinge said operative front section to said operative back section at said seam at its operative top side such that said opening mechanism allows said operative front section to be angularly displaced in order to open up for providing access to said transformer, switchgear, and associated equipment within.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.2818/MUM/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR AUTOMATED STORYBOARD GENERATION

(51) International classification	:G06T 15/00	(71) Name of Applicant : 1)Indian Institute of Technology Address of Applicant :Powai Mumbai Postcode 400076 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)Prof. Subhasis Chaudhuri
(87) International Publication No	: NA	2)Prof. Sunita Sarawagi
(61) Patent of Addition to Application Number	:NA	3)Rishabh Iyer
Filing Date	:NA	4)Shah Ronak
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The embodiments herein disclose a system and a method for creating pre-visualization videos for a given script. Further, the proposed system for creation of pre-visualization videos is fully automatic. The proposed system takes a novel script for which pre-visualization videos are to be constructed, as an input. The described system proposes several features based on a novel script and training segments™ textual and visual information to produce storyboard videos consistent with respect to the textual information described in a novel script and consistent across selected video shots. Further, the system makes use of semi-Markov conditional random field (Semi-markov CRF) mechanism to perform simultaneous segmentation and assignment of video shots. Further, inference algorithms and weight learning algorithm are used in the process of creation of pre-visualization videos. Further, the proposed system is capable of generating multiple storyboard videos for a given novel script.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2819/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : AN APPARATUS FOR PLAYING A CRICKET GAME ON A BOARD•

(51) International classification	:A63F 300	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NAZARNAWAZ NAKIB NOORANI
(32) Priority Date	:NA	Address of Applicant :4/3292 Hanjer Chamber vansfoda
(33) Name of priority country	:NA	pool 4th floor Salabatpura Road Surat 395003 Gujarat India
(86) International Application No	:NA	2)NAYABMOINUDDIN NAKIB NOORANI
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NAZARNAWAZ NAKIB NOORANI
(61) Patent of Addition to Application Number	:NA	2)NAYABMOINUDDIN NAKIB NOORANI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a board (2) for playing a cricket game comprising a plane board (2) being inscribed with various markings on its surface in order to define various positions and playing area, the board having a pair of three stumps/ wickets (10) on the center part of board to define as pitch area (7), the board (2) incorporated with plurality of apertures and bordered with a wall (3) of predetermined height along the circumference of the said board (2) and characterized by the placement of batting mean (21) in a holding mean (38) to hit a ball in any direction and by the placement of bowling track (14, 15) or bowling gun (17) for bowling on the pitch (7), the said board (2) being equipped with one or more fielding means (6) which are being installed in the various apertures so as to create various fielding positions; and the said means (6) being provided with protruding edges (42) to stop the ball on the said fielding positions, the said mean (6) is capable to being installed reversely in order to convert an active fielding position (6a) into a de-active fielding position (6b). Players can play the cricket board game similar to a real cricket game and the similar rule can be implied. The bowler can perform bowling various kind of bowling such as fast, spin. The board game (1) of the present invention can be played either manually or with electronic interface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2820/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : NOVEL PROCESS FOR PREPARATION OF DEXLANSOPRAZOLE AND SALT THEREOF

(51) International classification	:A61k31/00	(71) Name of Applicant : 1)CIPLA LIMITED Address of Applicant :MUMBAI CENTRAL,MUMBAI-400 008,MAHARASHTRA. India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)RAO,DHARMARAJ RAMACHANDRA 2)KANKAN,RAJENDRA NARAYANRAO 3)PATHI,SRINIVAS LAXMINARAYAN
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 :

Disclosed herein is a process for preparation of dexlansoprazole sesquihydrate which process comprises contacting 2-[[[3-methyl-4-(2,2,2-trifluoroethoxy)-2-pyridinyl]-methyl]thio]-1H-benzimidazole with a (+)-diethyl-L-tartrate & titanium isopropoxide in a suitable organic solvent in presence of water, followed by oxidation using an oxidizing agent to get dexlansoprazole sesquihydrate. The process further discloses purification of dexlansoprazole sesquihydrate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3049/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : POLYMER-SURFACTANT NANOPARTICLES FOR OCULAR DRUG DELIVERY

(51) International classification	:B82B3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATI VIDYAPEETH DEEMED UNIVERSITY,POONA COLLEGE OF PHARMACY
(32) Priority Date	:NA	Address of Applicant :BHARATI VIDYAPEETH
(33) Name of priority country	:NA	DEEMED UNIVERSITY, POONA COLLEGE OF
(86) International Application No	:NA	PHARMACY, ERANDWANE , PUNE-411 038,
Filing Date	:NA	MAHARASHTRA, INDIA.
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)POKHARKAR,VARSHA BABU
Filing Date	:NA	2)PATIL, VIKRAM PRABHAKAR
(62) Divisional to Application Number	:NA	3)MAHADIK,KAKASAHEB RAMOO
Filing Date	:NA	

(57) Abstract :

The present invention relates to a preparation of novel biocompatible polymer-surfactant nanoparticle formulation for ophthalmic delivery of water-soluble drug. The present invention also provides a vehicle that produces prolonged precorneal residence time and efficient penetration of the active substance in ocular epithelium.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3052/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : PACKAGED RFID PASSIVE TAG FOR SMALL SIZED DEVICES

(51) International classification	:H05K13/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING ,9TH FLOOR NARIMAN POINT,MUMBAI 400021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present application is related to a unique transponder dip comprising a UHF passive RFID tag, an encapsulation module and method of attaching the encapsulation module enclosing the transponder clip to small sized devices. In an aspect, the small sized device may be a small sized medical device such as bone screw, spine screw implants. The transponder is enclosed in the encapsulation module that is then attached to a small sized device thereby facilitating auto-identification and tracking of the small sized device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3102/MUM/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A NOVEL SCMD TRANSIT MIXER FOR PRODUCTION & TRANSPORTATION OF CONCRETE

(51) International classification	:B28C5/42	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GOKHALE AMIT
(32) Priority Date	:NA	Address of Applicant :C/O MR. J.D. APTE, BUNGALOW
(33) Name of priority country	:NA	NO.19, VAIKUNTH BUNGALOWS, VIVEKANANDA
(86) International Application No	:NA	POLYTECHNIC, CHEMBUR, MUMBAI-400071. Maharashtra
Filing Date	:NA	India
(87) International Publication No	:N/A	2)GOKHALE ANAND
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GOKHALE AMIT
(62) Divisional to Application Number	:NA	2)GOKHALE ANAND
Filing Date	:NA	

(57) Abstract :

A novel Stationary Concrete Mixing Drum - SCMD transit mixer for Production & Transportation of Concrete is disclosed wherein the said device is adopted to have a Stationary Concrete Mixing Drum with an open top to enable loading by a widely available front end loader and two different sets of rotating spirals mounted on one single shaft wherein the larger diameter spirals are called the Discharging Spirals & the smaller diameter spirals are called mixing spirals. The Said single shaft is typically driven by a heavy duty planetary reduction gearbox having a high reduction ratio ensuring a very high output torque. Further the gearbox is driven by a mechanical drive powered by a dedicated slave engine to minimize the power loss & increase the mechanical efficiency. The said single shaft is provided unidirectional rotation without any reversal of direction required for mixing and discharging. However though the said single shaft is provided with a unidirectional rotation, a bidirectional movement of the material is achieved by means of Left hand & Right Hand Spirals. Thus though the said mixing shaft is rotating in only one direction, mixing as well as discharging through a controlled gate is accomplished. The assembly is provided with an optional set of electronic load cells to actually weigh all the ingredients with a easily maintainable accuracy due to much larger batch size. The Novel SCMD transit mixer is typically mounted on a normal commercial truck of suitable capacity and does not require a specialty vehicle unlike the self loading transit mixer. It combines the activities of production and transportation of concrete without any alteration in the transportation capacity. It is alternatively operated by the Truck PTO. It is alternatively mounted on a trolley / trailer and is towed by a tractor. It Produces concrete by actually weighing the ingredients on positive weight basis and transports the same to the place of pour. Since it needs only a front end loader it reduces the cost of production & transportation of concrete by 50-55%.

No. of Pages : 35 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.2976/MUM/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : IMPLEMENTING A FINANCIAL REGULATION

(51) International classification	:G06F17/60	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI, MAHARASHTRA 400021, INDIA
(31) Priority Document 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 :

A computer implemented method for implementing a financial regulation is described herein. According to an implementation, the method includes identifying one or more transaction events associated with the financial regulation. The identifying is based in part on the financial regulation. Further, one or more regulation actions are determined based on the each of the transaction events. The regulation actions are executable during implementation of the financial regulation. Additionally, a regulation mapping is configured based on the transaction events and the regulation actions. In an implementation, the regulation mapping is configured for ensuring compliance of one or more transactions with the financial regulation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2979/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SELF POWERED NOISE REDUCED COMPACT CURRENT SENSOR

(51) International classification	:G01R 15/18	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI- 400 001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor : 1)SURAJ RAJAMANI 2)ANOOP PHILIP
(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 :

The present invention provides a self powered parallel bus bar current sensor for sensing current from a current source. The current sensor comprising a power unit including a power up coil and a plurality of magnetic core stacks, a sensing unit having a sensing coil for sensing current through a magnetic field of the bus bar, the sensing coil having a window opening at center of the coil; and a front cover and a back cover enclosing the power unit and the sensing unit wherein the front cover and the back cover are configured to ensure the window opening is at center of the sensing coil for avoiding distortion when sensing current from the bus bar. Ref. Fig. 2a

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3079/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 4-OXO-4-[3-(TRIFLUOROMETHYL)-5,6-DIHYDRO [1,2,4]-TRIAZOLO [4,3-A]PYRAZIN-7(8H)-YL]-1-(2,4,5-TRIFLUOROPHENYL)-2-AMINE

(51) International classification	:C07C229/00	(71) Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :ZYDUS TOWER,SATELLITE CROSS ROAD, AHMEDABAD-380 015, GUJARAT, 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)PANDEY,BIPIN
(87) International Publication No	:N/A	2)DAVE, MAYANK, GHANSHYAMBHAI
(61) Patent of Addition to Application Number	:NA	3)KOTHARI,HIMANSHU,M.
Filing Date	:NA	4)SHUKLA,BHAVIN,SHRIPRASAD
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to synthesis of 4-oxo-4-[3-(trifluoromethyl)-5,6-dihydro [1,2,4]-triazolo[4,3-a]pyrazin-7(8H)-yl]-1-(2,4,5-trifluorophenyl)butan-2-amine of Formula (I) either in its racemic (R/S) form or any of its optically active (S) or (R) forms or enantiomeric excess mixture of any of the forms by novel processes. The invention further relates to certain novel intermediates useful in the preparation of compound of Formula (I) and processes for their preparation.

No. of Pages : 47 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/03/2012

(21) Application No.962/MUM/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR CONTROLLING AT LEAST TWO ROBOTS HAVING RESPECTIVE WORKING SPACES INCLUDING AT LEAST ONE REGION IN COMMON

(51) International classification	:B25J 9/16	(71) Name of Applicant : 1)COMAU S.P.A. Address of Applicant :VIA RIVALTA 30, I-10095 GRUGLIASCO(TORINO) ITALY
(31) Priority Document No	:TO2011A000994	
(32) Priority Date	:31/10/2011	
(33) Name of priority country	:Italy	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CASSANO ROSARIO
(87) International Publication No	:N/A	2)CICCIARELLO BRUNO
(61) Patent of Addition to Application Number	:NA	3)GRASSI ELENA
Filing Date	:NA	4)LACHELLO LUCA
(62) Divisional to Application Number	:NA	5)MAULETTI ENRICO
Filing Date	:NA	6)ROMANELLI FABRIZIO

(57) Abstract :

A method for controlling at least two robots (3, 4) having respective working spaces, including at least one region in common comprises the fact that the working space of each robot is modelled taking into account the objects present in the working space of the robot by defining one or more interference regions (IRs), each constituted by an elementary geometrical figure. The interference regions are classified in the following three different categories: prohibited interference regions (PIRs), defined as regions of space where the presence of the robot must without fail always be inhibited; monitored interference regions (MIRs), defined as regions of space where the presence of the robot is accepted, but controlled, the robot being pre-arranged for sending a signal to the central control unit (7) whenever it enters a monitored region and whenever it exits from a monitored region; and hybrid interference regions (HIRs), defined as regions of space that are able to change between a status of monitored region and a status of prohibited region as a function of an input signal to the robot sent by said central control unit. Each robot is pre-arranged for sending to the central control unit (7) a first output signal, serving as entry booking, whenever it is about to enter a hybrid region, and a second output signal, serving as entry/presence warning, whenever it enters a hybrid region. The status of each hybrid region is varied dynamically for each robot, during operation of the robots (3, 4), by sending, on the part of the central control unit (7), the input signal to the robot that renders the hybrid region prohibited or monitored for said robot.

No. of Pages : 19 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2988/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : AN IMPROVED METHOD FOR THE QUANTITATIVE DETERMINATION OF L-SERINE CONTENT IN D-SERINE OF LACOSAMIDE

(51) International classification	:C07C 229/22	(71)Name of Applicant : 1)Alembic Pharmaceuticals Limited Address of Applicant :Alembic Research Centre Alembic Pharmaceuticals Limited Alembic Road Vadodara-390003 Gujarat India.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : 1)BALAJI Sundara Kalyana 2)KEDIA Jagadish 3)PATEL Sanjay
Filing Date	:NA	
(87) 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 improved reversed-phase liquid chromatographic (RP-LC) method for the quantitative trace level determination of L-Serine content in D-Serine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.3034/MUM/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : CONTINUOUS PELLETISATION PLANT

(51) International classification	:A01C1/04	(71) Name of Applicant : 1)RAJKUMAR BUDHRAJA UMANG BUDHRAJA Address of Applicant :2B/34 WINDMERE BLDG., NEW LINK ROAD, NEAR OSHIWARA POLICE STATION, ANDHERI-WEST, MUMBAI-400053. Maharashtra India
(31) Priority Document 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 :

A continuous pelletisation plant facilitates the continuous manufacturing of the quality pellets. The assembly consists of feeder Hopper, extruder, bucket assemblies and spheronizer. The accurate PLC system and software installed ensures the feeder speed, extruder speed, weighing of extrudes, discharge of product from bucket assembly for spheronisation, time of spheronisation and RPM of the chequered plate of spheronizer. This ensures the continuous maintains of quality parameters. The assembly ensures continuous manufacturing of beads/pellets without any stoppage. These beads/pellets used in pharmaceutical, neutraceutical, herbal, ayurveda, agrochemicals, dyes & pigments, food & nutrients, inorganic and organic chemical, Home and personal care industries or any other industrial application.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3039/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : A PROCESS OF MANUFACTURE OF UMBRELLA FASTENED WITH TAGS

(51) International classification	:A45B25/02	(71) Name of Applicant : 1)M/S SAIT NAGJEE PURUSHOTHAM & CO PVT. LTD. Address of Applicant :94-96,PRINCESS STREET,KALBADEVI,MUMBAI 400002 Maharashtra India
(31) Priority Document 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	(72) Name of Inventor : 1)M/S SAIT NAGJEE PURUSHOTHAM & CO PVT. LTD.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	2)NARENDRA SUTHAR

(57) Abstract :

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3087/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : A COUPLER FOR ELECTRICAL CONTACTOR BRIDGES

(51) International classification	:H01R 25/00	(71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L & T HOUSE, BALLARD ESTATE, MUMBAI - 400 001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)AMOL LAXMAN SUTAR
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a coupler for engaging electrical contactor bridges, the coupler comprising a first segment; a second segment; a connector for connecting the first and the second segment; a pair of locators on each of the first and second segment; wherein at least one of the locators is a flexible locator that latches/locks with the electrical contactor bridge.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3098/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : AN EFFICIENT PROCESS FOR THE PREPARATION OF FORM B ERLOTINIB HYDROCHLORIDE

(51) International classification	:C07D239/94	(71) Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD-380015, GUJARAT, 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)SINGH NIKHIL AMAR
(87) International Publication No	:N/A	2)PATHE GULAB KHUSHALRAO
(61) Patent of Addition to Application Number	:NA	3)CHAURASIYA DINESH KUMAR
Filing Date	:NA	4)SINGH KUMAR KAMLESH LAXMI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an improved and efficient process for preparing form B of Erlotinib hydrochloride used as an anti cancer drug.

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/03/2012

(21) Application No.862/MUM/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : HEAT-INSULATING FILM

(51) International classification	:E06B 3/66
(31) Priority Document No	:100139796
(32) Priority Date	:01/11/2011
(33) Name of priority country	:Taiwan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)A+ R&D TECHNOLOGY CO., LTD.

Address of Applicant :NO.11, LANE 5, SEC.2, NAN SHAN RD., LU-CHU HSIANG, TAOYUAN HSIEN, TAIWAN

(72)Name of Inventor :

1)SUI-HO TSAI

(57) Abstract :

Disclosed herein is a heat-insulating film (window solar film) including an absorbing layer and a cholesteric liquid crystal layer. The absorbing layer is used to absorb ultraviolet light and infrared light. The pitch of the cholesteric liquid crystal layer is configured in a way such that the cholesteric liquid crystal layer reflects the infrared light.

No. of Pages : 28 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/03/2012

(21) Application No.1921/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A SEALANT COMPOSITION, METHOD OF PRODUCING THE SAME

(51) International classification	:C08L 23/08	(71) Name of Applicant : 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant :2040 DOW CENTER, MIDLAND, MICHIGAN 48674 U.S.A.
(31) Priority Document No	:61/409,389	
(32) Priority Date	:02/11/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2011/057780 :26/10/2011	(72) Name of Inventor : 1)DEMIRORS, MEHMET 2)CONG, RONGJUAN 3)SERRAT, CRISTINA 4)SAINI, GAGAN 5)RUTKOWSKE, MICHAEL
(87) International Publication No	:WO/2012/061168	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The instant invention is a sealant composition, method of producing the same, articles made there from, and method for forming such articles. The sealant composition according to the present invention comprises: (a) from 70 to 99.5 percent by weight of an ethylene/alpha-olefin interpolymer composition, based on the total weight of the sealant composition, wherein said ethylene/alpha-olefin interpolymer composition comprises an ethylene/alpha-olefin interpolymer, wherein ethylene/alpha-olefin interpolymer has a Comonomer Distribution Constant (CDC) in the range of from 15 to 250, and a density in the range of from 0.875 to 0.963 g/cm³, a melt index (I₂) in a range of from 0.2 to 20 g/10 minutes, and long chain branching frequency in the range of from 0.02 to 3 long chain branches (LCB) per 1000C; (b) from 0.5 to 30 percent by weight of a propylene/alpha-olefin interpolymer composition, wherein said propylene/alpha-olefin interpolymer composition comprises a propylene/alpha-olefin copolymer or a propylene/ethylene/butene terpolymer, wherein said propylene/alpha-olefin copolymer has a crystallinity in the range of from 1 percent by weight to 30 percent by weight, a heat of fusion in the range of from 2 Joules/gram to 50 Joules/gram, and a DSC melting point in the range of 25° C to 110° C.

No. of Pages : 60 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1948/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : GUM BASE

(51) International classification	:A23P1/04	(71) Name of Applicant : 1)KRAFT FOODS GLOBAL BRANDS LLC Address of Applicant :THREE LAKES DRIVE, NORTHFIELD, ILLINOIS 60093 U.S.A.
(31) Priority Document No	:0915264.6	
(32) Priority Date	:02/09/2009	
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/GB2010/001645	(72) Name of Inventor :
Filing Date	:31/08/2010	1)HARRIS, LAWRENCE WILLIAM
(87) International Publication No	:WO 2011/027102 A2	2)BUFFET, GAELLE MADELEINE CLAUDETTE
(61) Patent of Addition to Application Number	:NA	3)SOPER, PAUL D.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a chewing gum base for use in chewing gum compositions wherein the chewing gum base contributes to the ability of the chewing gum compositions to degrade over time after chewing, and also the chewing gum compositions containing the chewing gum base. The chewing gum base comprises a hydrophilic precursor component having a particular molecular weight and/or a particular average particle size.

No. of Pages : 51 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2012

(21) Application No.1959/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : CONTENT NOTIFYING DEVICE, NOTIFYING METHOD, AND PROGRAM

(51) International classification	:H04N7/173	(71) Name of Applicant :
(31) Priority Document No	:2009-184481	1)SHARP KABUSHIKI KAISHA
(32) Priority Date	:07/08/2009	Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/062202	1)SASAKI, JUN
Filing Date	:21/07/2010	2)WATANABE, RYUHSUKE
(87) International Publication No	:WO 2011/016335	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In step S1, processing is started by pressing a home button or the like. Then, whether or not an operation for a program detailed search is made is detected (step S2). When the operation is detected (YES), a program detailed search screen is displayed in step S3. Then, the process goes to step S4. When press of a characteristic (category) search operating button is detected (YES), a search condition screen is displayed in step S5. When a search condition is selected on this screen in step S6 (YES), the category search condition thus selected is stored in a memory in step S7. Subsequently, when an operating signal for displaying a search result is detected in step S8 (YES), the search result (a program table list) is displayed in step S9, as shown in Fig. 3C. Here, when a cursor is moved from one displayed category to another, the programs searched for in the category to which the cursor is moved are displayed on the list. Subsequently, when a movement of the cursor onto the program list is detected (YES) as shown in step S10, the process goes to step S11. If there is no movement of the cursor onto the program list (NO), the display is switched to a category search condition input screen, and a new search condition can be inputted in step S15. Then the process returns to step S7. In step S11, the program displayed on the top of the program list can be highlighted, and moreover, to move the highlighted position can be moved. When a determination button is pressed in step S12 (YES), the highlighted program can be displayed on the display unit in step S13. In this way, the processing is terminated (end: step S14). Accordingly, it is possible to simplify a continuous search operation for searching contents such as programs and to make a search result easier to understand.

No. of Pages : 53 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2012

(21) Application No.1644/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING FRAME IN WIRELESS COMMUNICATION SYSTEM INCLUDING RELAY STATION

(51) International classification	:H04B7/14	(71) Name of Applicant :
(31) Priority Document No	:61/241,402	1)LG ELECTRONICS INC.
(32) Priority Date	:11/09/2009	Address of Applicant :20 YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/KR2010/006218	1)CHUN, JIN YOUNG
Filing Date	:13/09/2010	2)CHO, HAN GYU
(87) International Publication No	:WO 2011/031108 A3	3)KWAK, JIN SAM
(61) Patent of Addition to Application Number	:NA	4)LIM, DONG GUK
Filing Date	:NA	5)IHM, BIN CHUL
(62) Divisional to Application Number	:NA	6)YUK, YOUNG SOO
Filing Date	:NA	

(57) Abstract :

Provided are a method and an apparatus for transmitting a frame in a wireless communication system including a relay station. A base station sets a frame including a downlink (DL) access zone for transmitting a signal to the relay station and a DL relay zone for transmitting the signal to the relay station or a terminal, and transmits the frame. The DL access zone comprises a Multiple-Input Multiple-Output (MIMO) mi-deunble for the terminal and the DL relay zone comprises an R-amble as an additional MIMO midamble.

No. of Pages : 35 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2012

(21) Application No.1946/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : APPARATUS AND METHOD OF MANUFACTURING AN ABSORBENT ARTICLE

(51) International classification	:A61F13/15	(71) Name of Applicant :
(31) Priority Document No	:2009-217910	1)UNI-CHARM CORPORATION
(32) Priority Date	:18/09/2009	Address of Applicant :182, KINSEICHOSHIMOBUN, SHIKOKUCHUO-SHI, EHIME 799-0111 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/065581	1)SAKAGUCHI, SATORU
Filing Date	:10/09/2010	2)OGASAWARA, YOSHIKAZU
(87) International Publication No	:WO/2011/033995	3)ITO, NORIAKI
(61) Patent of Addition to Application Number	:NA	4)OKU, TOMOMI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a method of manufacturing an absorbent article including an absorbent main body, a pair of first side flaps provided at one end section of the absorbent main body in a longitudinal direction and a pair of second side flaps provided at the other end section of the absorbent main body in the longitudinal direction. The manufacturing method includes (1) forming a pair of side flap-folded sections by folding a continuous sheet such that end sections in a width direction of the continuous sheet are folded inwardly in the width direction, respectively, while the continuous sheet that is a base material of the first and second side flaps is being transported in a continuous direction of the continuous sheet, (2) producing a flap segment by segmenting the continuous sheet at a predetermined pitch in the continuous direction, (3) joining the flap segment to a continuous body of absorbent main bodies in an overlapped manner, while the continuous body of absorbent main bodies is being transported in a transport direction corresponding to a continuous direction of the continuous body, and (4) dividing the flap segment into a section having the pair of first side flaps and a section having the pair of second side flaps by segmenting the continuous body of absorbent main bodies.

No. of Pages : 48 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2012

(21) Application No.1979/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : LOW THERMALCONDUCTIVITY PISTON AND METHOD OF CONSTRUCTION THEREOF

(51) International classification	:F16J1/01	(71) Name of Applicant :
(31) Priority Document No	:61/231,783	1)FEDERAL-MOGUL CORPORATION
(32) Priority Date	:06/08/2009	Address of Applicant :26555 NORTHWESTERN
(33) Name of priority country	:U.S.A.	HIGHWAY, SOUTHFIELD, MI 48033 U.S.A.
(86) International Application No	:PCT/US2010/044636	(72) Name of Inventor :
Filing Date	:06/08/2010	1)REBELLO, JOSE
(87) International Publication No	:WO 2011/017581 A2	2)EGERER, THOMAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A piston and method of construction are provided. The piston includes an upper crown having a combustion surface with an upper land depending therefrom and a lower crown having a pair of pin bosses that depend to a pair of laterally spaced, axially aligned pin bores. The upper crown is constructed as a monolithic piece of a first material having a thermal conductivity within a range of about 7 to 25 W/m-K. The lower crown is constructed from a low grade steel material having a thermal conductivity higher than the upper crown. The upper crown is joined directly to the lower crown, wherein the upper crown acts as a baffle to thermal conductivity and thus, the heat within a combustion chamber housing the piston for reciprocation therein is maintained and maximized.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2043/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROTECTIVE COMPOSITIONS FOR DERMAL PAPILLA CELLS

(51) International classification	:A61K 8/00	(71) Name of Applicant :
(31) Priority Document No	:12/537843	1)SAMI LABS LTD
(32) Priority Date	:07/08/2009	Address of Applicant :19/1 & 19/2, I MAIN, II PHASE, PEENYA INDUSTRIAL AREA, BANGALORE - 560 058 Karnataka India
(33) Name of priority country	:U.S.A.	2)MUHAMMED MAJEED
(86) International Application No	:PCT/US2010/044818	(72) Name of Inventor :
Filing Date	:07/08/2010	1)MUHAMMED MAJEED
(87) International Publication No	: NA	2)KALYANAM NAGABHUSHANAM
(61) Patent of Addition to Application Number	:NA	3)BEENA BHAT
Filing Date	:NA	4)GEETHA KANHANGAD GANGADHARAN
(62) Divisional to Application Number	:NA	5)SUSMITHA ANAND TATHAPUDI
Filing Date	:NA	

(57) Abstract :

Disclosed are novel protective compositions for dermal papilla cells. In an embodiment the protective compositions of the present invention comprise 0.25% w/w or above of compositions comprising at least 10% w/w and above of 1 -O-galloyl- -D-glucose (p-glucogallin). In an embodiment, the said protective composition additionally comprises 50% to greater than 50% gallates including mucic acid 1, 4-lactone 5-O-gallate, mucic acid 2-O-gallate, mucic acid 6-Methyl ester 2-O-gallate, mucic acid 1 -Methyl ester 2-O-gallate and ellagic acid. In another embodiment the invention also encompasses synergistic protective compositions comprising the said protective compositions and 0.5% concentrate of liquid endosperm of Cocos nucifera, for dermal papilla directed towards helping the dermal papilla cells to form sufficient numbers and to retain a healthy morphology conducive for hair growth.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1402/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : IMAGE PROCESSING METHOD, AVATAR DESPLAY ADAPTION METHOD AND CORRESPONDING IMAGE PROCESSING PROCESSOR, VIRTUAL WORLD SERVER AND COMMUNICATION TERMINAL

(51) International classification	:A63F13/00
(31) Priority Document No	:0903653
(32) Priority Date	:24/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/059240
Filing Date	:30/06/2010
(87) International Publication No	:WO 2011/009696
	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)ALCATEL LUCENT

Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France

(72)Name of Inventor :

1)ABDELKRIM HEBBAR

2)HAKIM HACID

3)ABDERRAHMANE MAARADJI

(57) Abstract :

The invention concerns a method for processing images in a virtual environment (EV) in which a plurality of avatars respectively representing associated users evolve, said image processing method comprising the following stages: - an adaptation request (Ra) is received for the display of the avatars on the terminal of a given user, said request (Ra) comprising at least one adaptation criterion to distinguish the display of the avatars, - the data representing the avatars (7a, 7', 7) is modified based on said adaptation criterion, and - the modified data for an adapted display of the avatars (7a, 7', 7) is sent to the terminal (3a, 3) of the given user. The invention also concerns a method for adapting the display of avatars in a virtual environment. The invention further concerns a corresponding image processing processor, virtual world server and communication terminal for implementing such methods.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2012

(21) Application No.1980/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM, BASE STATION APPARATUS, MOBILE STATION APPARATUS, AND WIRELESS COMMUNICATION METHOD

(51) International classification	:H04W74/04	(71) Name of Applicant : 1)SHARP KABUSHIKI KAISHA Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(31) Priority Document No	:2009-183031	
(32) Priority Date	:06/08/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/062953	(72) Name of Inventor :
Filing Date	:30/07/2010	1)SUZUKI, SHOICHI
(87) International Publication No	:WO 2011/016403	2)KATO, YASUYUKI
	A1	3)YAMADA, SHOHEI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mobile station apparatus (1) determines an uplink carrier component to which a physical downlink control channel instructing to start random access procedure corresponds. Provided is a wireless communication system in which a base station apparatus (3) and a mobile station apparatus (1) communicate with each other using a plurality of component carriers, wherein the base station apparatus (3) includes a random access controller (1012) that preliminarily allocates random access resources corresponding to a specific downlink component carrier, by means of which the mobile station apparatus (1) can start a random access communication, and a transmission processor (111) that transmits control information instructing to start the random access procedure, and wherein the mobile station apparatus (1) includes a random access processor (2012) that, upon receipt of the control information instructing to start the random access procedure, starts the random access procedure by means of the random access resource corresponding to a specific downlink component carrier preliminarily allocated by the base station apparatus (3) .

No. of Pages : 129 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2012

(21) Application No.2106/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : INFORMATION PROVIDING DEVICE AND INFORMATION PROVIDING METHOD, WIRELESS COMMUNICATION DEVICE AND WIRELESS COMMUNICATION METHOD, COMPUTER PROGRAM, AND WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W4/02
(31) Priority Document No	:2009-212082
(32) Priority Date	:14/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/063165
Filing Date	:04/08/2010
(87) International Publication No	:WO 2011/030636
	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)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO 108-0075 Japan

(72)Name of Inventor :

1)SHINICHIRO AB

2)SHIGERU ARISAWA

3)TAKASHI USUI

4)SEIJI ESAKA

5)SHUHEI SONODA

6)MASAYUKI TAKADA

7)HIROYUKI YAMASUGE

(57) Abstract :

To reduce power consumption for communication operation wherein a client terminal at the time of offline searches a base station or access point. A server uses a communication information predicting algorithm to predict a location or time whereby the server becomes an offline state over a movement route of a client terminal, and a location or time whereby the server returns to an online state, and informs to the client terminal. The client terminal suspends a communication function when reaching the informed offline predicted location or time. The client terminal at the time of offline determines that the current location or time has reached an online return predicted location or time using location recognition or point-in-time recognition, and restores the communication function.

No. of Pages : 89 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2012

(21) Application No.2139/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : INFORMATION SYSTEM FOR INDUSTRIAL VEHICLES

(51) International classification	:G06Q50/00
(31) Priority Document No	:61/233,394
(32) Priority Date	:12/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045267
Filing Date	:12/08/2010
(87) International Publication No	:WO 2011/019872 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)CROWN EQUIPMENT CORPORATION
Address of Applicant :40 SOUTH WASHINGTON
STREET, NEW BREMEN, OHIO 45869 U.S.A.

(72)Name of Inventor :

1)DE OLIVEIRA, SERGIO, SCHULTE
2)PURRENHAGE, BENJAMIN J.
3)SWIFT, PHILIP, W.
4)TINNERMAN, DAVID, K
5)WHITFORD, JEFFREY, C.

(57) Abstract :

Industrial vehicles communicate across a wireless environment and the wireless communication, data collection and/or processing capabilities of industrial vehicles are utilized to implement dashboard functions that thread status information from detail level views, up through intermediate views and to summary level views to facilitate efficient fleet maintenance, management and control. Further, industrial vehicle data may be communicated to a trusted third party server. As such, wirelessly collected industrial vehicle information is utilized within robust software solutions that aggregate and analyze data across multiple enterprises.

No. of Pages : 53 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2012

(21) Application No.1970/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DETECTING OFDM SIGNALS IN THE PRESENCE OF FREQUENCY ORTHOGONAL OFDM INTERFERERS

(51) International classification	:H04L27/26	(71) Name of Applicant :
(31) Priority Document No	:61/236,495	1)QUALCOMM INCORPORATED
(32) Priority Date	:24/08/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/046292	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:23/08/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2011/025726 A1	1)RAJIV LAROIA
(61) Patent of Addition to Application Number	:NA	2)ASHWIN SAMPATH
Filing Date	:NA	3)RAJA SEKHAR BACHU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Certain aspects of the present disclosure relate to techniques and apparatus for detecting Orthogonal Frequency Division Multiplexing (OFDM) signals in the presence of frequency orthogonal OFDM interferers.

No. of Pages : 32 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2012

(21) Application No.1971/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : MAC PACKET DATA UNIT CONSTRUCTION FOR WIRELESS SYSTEMS

(51) International classification	:H04W28/06	(71) Name of Applicant :
(31) Priority Document No	:61/239,134	1)ROCKSTAR BIDCO, LP
(32) Priority Date	:02/09/2009	Address of Applicant :1285 AVENUE OF THE
(33) Name of priority country	:U.S.A.	AMERICAS, NEW YORK, NEW YORK 10019-6064 U.S.A.
(86) International Application No	:PCT/CA2010/001374	(72) Name of Inventor :
Filing Date	:02/09/2010	1)HANG ZHANG
(87) International Publication No	:WO/2012/037635	2)MO-HAN FONG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for wireless communication using MAC PDUs. The method includes determining one or more characteristics of a service flow and selecting on the basis of the one or more characteristics a MAC PDU header type among a plurality of MAC PDU header types. The service flow data is encapsulated in MAC PDUs with a header of the selected type. The MAC PDUs with the encapsulated service flow data are then wirelessly transmitted. Also, a method for communication between a Base Station (BS) and a Subscriber Station (SS). The method includes generating at the BS a plurality of MAC PDU packets with a payload component holding service flow data and a plurality of MAC PDU packets without payload component, carrying control information. The method also includes transmitting wirelessly the MAC PDU packets with the payload component and the MAC PDU packets with the control information to the SS.

No. of Pages : 58 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1972/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : TRANSMISSION OF SYMBOLS IN A MIMO ENVIRONMENT USING ALAMOUTI BASED CODES

(51) International classification	:H04B7/06	(71) Name of Applicant :
(31) Priority Document No	:61/239,144	1)ROCKSTAR BIDCO, LP
(32) Priority Date	:02/09/2009	Address of Applicant :1285 AVENUE OF THE
(33) Name of priority country	:U.S.A.	AMERICAS, NEW YORK, NEW YORK 10019-6064 U.S.A.
(86) International Application No	:PCT/CA2010/001376	(72) Name of Inventor :
Filing Date	:01/09/2010	1)ROBERT NOVAK
(87) International Publication No	:WO 2011/026236 A1	2)HOSEIN NIKOPOURDEILAMI
(61) Patent of Addition to Application Number	:NA	3)MO-HAN FONG
Filing Date	:NA	4)SOPHIE VRZIC
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method is presented for transmitting or re-transmitting data in a multiple-input, multiple-output wireless communication using space-time block coding wherein a mapping table maps a plurality of symbols to antennas and transmission resources, which may be time slots or OFDM sub bands. The mapping table comprises nesting of Alamouti-coded primary segments; i.e. Alamouti coding at the symbol level, within secondary segments which may comprise Alamouti coding of primary segments.

No. of Pages : 54 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2012

(21) Application No.2137/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD, APPARATUS FOR ESTABLISHING PEER GROUP IN P2P APPLICATION AND METHOD OF USING THE PEER GROUP

(51) International classification	:H04L12/28
(31) Priority Document No	:200910091001.0
(32) Priority Date	:18/08/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/075883
Filing Date	:11/08/2010
(87) International Publication No	:WO 2011/020417 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)HUA, YOUWEI

(57) Abstract :

Embodiments of the present invention provide a method and an apparatus for establishing a peer group in P2P application. The method includes: a user terminal firstly obtains one or more initial peers from a peer server; the peer server returns the one or more initial peers according to a configured policy; the user terminal establishes an initial peer group according to the initial peers; peers in the initial peer group communicate with each other to obtain information of other peers in other peer groups, and establish a new peer group according to the information of other peers. Therefore, a stable relationship is established among peers in the new peer group, and the peers can provide service promptly when network resource is needed. Further, management of peers is implemented in a user terminal, management pressure and costs of the server are thus reduced, peers can be more fully used, and user experience is improved.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2012

(21) Application No.2151/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : ENERGY EFFICIENT QUALITY OF SERVICE AWARE COMMUNICATION OVER MULTIPLE AIR-LINKS

(51) International classification	:H04W88/06
(31) Priority Document No	:12/571,585
(32) Priority Date	:01/10/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050710
Filing Date	:29/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
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(72)Name of Inventor :

1)KRISHNASWAMY Dilip

2)DAS Soumya

3)RAJKOTIA Amol

4)RAJAMANI Krishnan

5)DURAL Ozgur

(57) Abstract :

A method an apparatus and a machine-readable medium are provided for wireless communication in which at least two modems are selected from a set of modems for the wireless communication based on quality of service requirements for and an energy consumption of the wireless communication. In addition the selected at least two modems are utilized concurrently for the wireless communication.

No. of Pages : 55 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2012

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR AUTOMATIC DISCOVERY IN OPTICAL TRANSPORT NETWORKS

(51) International classification	:H04J3/14
(31) Priority Document No	:09305838.6
(32) Priority Date	:14/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/061853
Filing Date	:13/08/2010
(87) International Publication No	:WO 2011/029695
	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)ALCATEL LUCENT

Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France

(72)Name of Inventor :

1)DIETER BELLER

(57) Abstract :

In order to improve the link adjacency discovery in an Optical Transport Network, a method and related network nodes are provided. A first network node (21) has a first discovery agent (216) and a second network node (22) has a second discovery agent (226). A discovery message (210) is transmitted from a first interface of the first network node (21) over one or more subsequent network links (25, 26, 27) to a second interface of the second network node (22). The discovery message (210) contains information indicative of an discovery agent identifier associated with the first discovery agent (216) and of a termination connection point identifier associated with the first interface. In order to transmit the discovery message (210), the first interface is configured to perform a tandem connection source function (217) using a reserved field in an overhead portion of signal frames to be transmitted. The second interface is configured to perform a Tandem Connection Monitoring function (227) on the same reserved field of received signal frames. The discovery message is sent using a Trail Trace Identifier (TT!) byte available in the reserved field.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2012

(21) Application No.2145/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : DRUG DELIVERY DEVICE WITH COMPRESSIBLE DRUG RESERVOIR

(51) International classification	:A61M31/00
(31) Priority Document No	:61/233,187
(32) Priority Date	:12/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/053610
Filing Date	:10/08/2010
(87) International Publication No	:WO/2011/018753
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MEDIMETRICS PERSONALIZED DRUG DELIVERY B.V.

Address of Applicant :HIGH TECH CAMPUS 5 (3.051),
5656AE, EINDHOVEN Netherlands

(72)Name of Inventor :

1)ZOU, HANS

2)SHIMIZU, JEFF

3)DIJKSMAN, JOHAN FREDERIK

(57) Abstract :

A drug delivery device (50) is provided comprising a drug reservoir (10) and a piston (11). The drug reservoir (10) is provided for comprising a drug and comprises a flexible wall (22) and a dispensing hole (15) for dispensing the drug into an environment of the drug delivery device (50). The piston (11) is provide for pressing against the flexible wall (22) to compress the drug reservoir (10) for pushing an amount of the drug through the dispensing hole (15). An adhesion interface (51) between a surface of the piston (11) and the flexible wall (22) prevents sliding between the surface of the piston (11) and the flexible wall (22).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2012

(21) Application No.2164/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : FILTER DEVICE

(51) International classification	:H04B10/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2010/070866
Filing Date	:04/03/2010
(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

(71)Name of Applicant :

1)Huawei Technologies Co. Ltd.

Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129 P.R.
China.

(72)Name of Inventor :

1)FABIAN Nikolaus Hauske

(57) Abstract :

The invention relates to a filter device for filtering an input signal the input signal comprising a clock signal having a clock frequency. The filter device comprises a filter (101) for filtering the input signal with a first set of filter coefficients to obtain a first filtered signal and for filtering the input signal with a second set of coefficients to obtain a second filtered signal a frequency domain correlator (103) for correlating a first subset of frequency domain components of the first filtered signal to obtain a first correlation value and for correlating a second subset of frequency domain components of the second filtered signal to obtain a second correlation value wherein the first subset of correlated frequency domain components and the second subset of correlated frequency domain components are respectively located within a predetermined range of the correlated signals comprising the clock frequency and a processor (105)...

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2165/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : TRANSMISSION OF UE-SPECIFIC REFERENCE SIGNAL FOR WIRELESS COMMUNICATION

(51) International classification	:H04L5/00
(31) Priority Document No	:61/241,279
(32) Priority Date	:10/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048519
Filing Date	:10/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)ZHANG Xiaoxia

2)WEI Yongbin

3)LUO Tao

4)DOAN Dung Ngoc

5)YOO Taesang

(57) Abstract :

Techniques for transmitting UE-specific reference signals (UE-RSs) in a wireless network are described. In an aspect a UE-RS may be transmitted in different manners depending on the number of layers used for data transmission. In one design a cell may determine subcarriers for a UE-RS based on a frequency shift if data is transmitted on one layer and based on a predetermined set of subcarriers (with no frequency shift) if data is transmitted on multiple layers. In another aspect a UE-RS may be transmitted on subcarriers determined based on a frequency shift for data transmission on multiple layers. In yet another aspect a UE-RS may be transmitted from a plurality of cells to a UE for coordinated multi-point (CoMP). In yet another aspect a UE-RS may be transmitted in a data section of a subframe including only the data section.

No. of Pages : 63 No. of Claims : 98

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/07/2009

(21) Application No.1699/CHE/2009 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : AN IMPROVED TURBINE AND METHOD THEREOF

(51) International classification	:F01D	(71) Name of Applicant : 1)SUNDARALINGAM MANOHARAN Address of Applicant :NO-20-RAJESH NAGER MAIN ROAD, NARAYANA PURAM, PALLIKARANAI, CHENNAI-600 100 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to an improved and more efficient turbine deployed in the generation of thermal energy. The improved turbine comprises aerodynamic blades and supersonic nozzles to generate impulse and reaction forces which results into higher efficiency.

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1973/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : TRANSMISSION OF MULTICAST BROADCAST SERVICE (MBS) TRAFFIC IN A WIRELESS ENVIRONMENT

(51) International classification	:H04W4/06	(71) Name of Applicant :
(31) Priority Document No	:61/239,239	1)ROCKSTAR BIDCO, LP
(32) Priority Date	:02/09/2009	Address of Applicant :1285 AVENUE OF THE
(33) Name of priority country	:U.S.A.	AMERICAS, NEW YORK, NEW YORK 10019-6064 U.S.A.
(86) International Application No	:PCT/CA2010/001375	(72) Name of Inventor :
Filing Date	:02/09/2010	1)SOPHIE VRZIC
(87) International Publication No	:WO 2011/026235 A1	2)ROBERT NOVAK
(61) Patent of Addition to Application Number	:NA	3)MO-HAN FONG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Multicast broadcast service (MBS) transmission in a multiple-input output (MIMO) communication being transmitted using one of three modes, a single -layer mode, a spatial multiplexing (SM) mode and a hierarachical mode. In the hierarachical mode, lower quality data is transmitted over a first MIMO layer and enhancement data is transmitted over a second MIMO layer .A receiving device may only successfully receive the lower quality data or may successfully receive the enhancement data to enhance it with. The transmission scheme used, including the mode used, may be selectable , and may be selected based on feedback.

No. of Pages : 56 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/03/2012

(21) Application No.1975/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : VIDEO CONTENT-AWARE ADVERTISEMENT PLACEMENT

(51) International classification	:G06Q30/00
(31) Priority Document No	:61/247,375
(32) Priority Date	:30/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/047198
Filing Date	:31/08/2010
(87) International Publication No	:WO 2011/041056 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MICROSOFT CORPORATION

Address of Applicant :ONE MICROSOFT WAY,
REDMOND, WASHINGTON 98052-6399 U.S.A.

(72)Name of Inventor :

1)LIU, XU

2)SHAN, YING

(57) Abstract :

Computer-readable media and computerized methods for utilizing an awareness of video content within a media file to incorporate an advertisement therein are provided. Building the video-content awareness involves performing an offline authoring process to generate a trajectory. In particular, the offline authoring process includes targeting an object appearing in the video content, tracking movement of the object over a sequence of frames within the media file, and, based on the tracked movement, writing locations of the object to the trajectory. In an online rendering process, invoked upon initiating play of the media file, the advertisement is automatically selected and dynamically placed on top of the video content as a function of the locations within the trajectory. Accordingly, by repositioning the advertisement (typically an animation) within the video content based on the movement of the object, an illusion that the advertisement visually interacts with the object is generated.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2012

(21) Application No.2190/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : STABILIZATION OF POLYACRYLONITRILE PRECURSOR YARNS

(51) International classification	:D01F6/18	(71) Name of Applicant : 1)Toho Tenax Europe GmbH Address of Applicant :Kasinostrasse 19-21 42103 Wuppertal Germany
(31) Priority Document No	:09170059.1	
(32) Priority Date	:11/09/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2010/062674	(72) Name of Inventor :
Filing Date	:31/08/2010	1)WOHLMANN Bernd 2)W-LKI Michael 3)HUNYAR Christian 4)EMMERICH Rudolf 5)KAISER Mathias 6)GRAF Matthias 7)ALBERTS Lukas 8)NAUENBURG Klaus-Dieter
(87) 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 method for stabilizing yams made of polyacrylonitrile by way of chemical stabilizing reactions comprising the following steps: - presenting a polyacrylonitrile precursor organ - providing an application device for treating the precursor yam with high-frequency electromagnetic waves comprising an applicator having an application chamber means for generating the high-frequency electromagnetic waves and means for feeding the same into the application chamber - generating a field of the high-frequency electromagnetic waves in the application chamber comprising regions having minimal electric field strength and regions having maximum electric field strength and adjusting the maximum electric field strength in the range of 3 to 150 kV/m - continuously guiding the precursor organ through the application space and through the field of high- frequency electromagnetic waves while - feeding a process gas through

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2208/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : HEAVY METAL REMEDIATION SYSTEM•

(51) International classification	:C12N15/63	(71)Name of Applicant :
(31) Priority Document No	:61/235,624	1)INTER AMERICAN UNIVERSITY OF PUERTO RICO
(32) Priority Date	:20/08/2009	Address of Applicant :Inter American University of Puerto Rico P.O. Box 00936 99 Calle Galileo San Juan 00927 (PR)
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2010/046084	(72)Name of Inventor :
Filing Date	:20/08/2010	1)RUIZ Oscar
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a system of heavy metal sequestration by bacteria. The bacteria expresses the *ppk* *mt* and/or - galactosidase (*lacZ*) genes and can tolerate at least 25 µM mercury 1 000 µM zinc 250 µM cadmium and 3 000 µM Pb. The system allows for facile determination of the presence of heavy metal contaminants in a liquid and the facile collection of the bacteria that has sequestered large amounts of heavy metal. Further provided is a system of gene expression in bacteria that comprises phage and plastid gene expression elements and delivers a particularly high level of protein expression and heavy metal resistance.

No. of Pages : 57 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2012

(21) Application No.2152/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : INTERFEROMETRIC DISPLAY WITH INTERFEROMETRIC REFLECTOR

(51) International classification	:G02B26/00	(71) Name of Applicant :
(31) Priority Document No	:12/568,472	1)QUALCOMM Mems Technologies Inc.
(32) Priority Date	:28/09/2009	Address of Applicant :5775 Morehouse Drive San Diego
(33) Name of priority country	:U.S.A.	CA 92121 U.S.A.
(86) International Application No	:PCT/US2010/049851	(72) Name of Inventor :
Filing Date	:22/09/2010	1)MIENKO Marek
(87) International Publication No	: NA	2)GRIFFITHS Jonathan Charles
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Interferometric modulators and methods of making the same are disclosed. In one embodiment an interferometric modulator includes an interferometric reflector having a first reflective surface a second reflective surface and an optical resonant layer defined by the first reflective surface and the second reflective surface. The interferometric reflector can be configured to transmit a certain spectrum of light at a transmission peak wavelength such that the interferometric modulator has a diminished reflectance of light at the transmission peak wavelength.

No. of Pages : 54 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2012

(21) Application No.2176/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CHANNEL TIMING OFFSET

(51) International classification	:H04B7/005	(71) Name of Applicant :
(31) Priority Document No	:12/545,684	1)Research In Motion Limited
(32) Priority Date	:21/08/2009	Address of Applicant :295 Phillip Street Waterloo Ontario N2L 3W8 Canada.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/045895	1)CAI Zhijun
Filing Date	:18/08/2010	2)MCBEATH Sean Michael
(87) International Publication No	: NA	3)FONG Mo-Han
(61) Patent of Addition to Application Number	:NA	4)XU Hua
Filing Date	:NA	5)HEO Youn Hyoung
(62) Divisional to Application Number	:NA	6)EARNSHAW Andrew Mark
Filing Date	:NA	

(57) Abstract :

A method for receiving data using a user agent (UA) configured to communicate with a wireless communications network using a first and second communication carrier is presented. The method includes receiving control information during a first time interval. The control information allocates a resource on at least one of the first communication carrier and the second communication carrier. When the control information allocates a resource on the first communication carrier the method includes receiving data using the first communication carrier during a second time interval. When the control information allocates a resource on the second communication carrier the method includes receiving data using the second communication carrier during a third time interval the third time interval being offset from the first time interval.

No. of Pages : 51 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2177/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CARRIER ACTIVATION

(51) International classification	:H04B7/005
(31) Priority Document No	:12/545,698
(32) Priority Date	:21/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045899
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 :**

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Address of Applicant :295 Phillip Street Waterloo Ontario N2L 3W8 Canada.

(72)**Name of Inventor :**

1)CAI Zhijun

2)MCBEATH Sean Michael

3)FONG Mo-Han

4)XU Hua

5)HEO Youn Hyoung

6)EARNSHAW Andrew Mark

(57) Abstract :

A method for receiving data using a user agent (UA) configured to communicate with a wireless communications network using a first and second communication carrier is presented. The method includes receiving control information at a first time interval using the first communication carrier. The control information allocates a resource on at least one of the first communication carrier and the second communication carrier. The control information indicates whether a carrier switch is required. In one implementation when the control information indicates a carrier switch is required the method includes ceasing signal reception on the first communication carrier and receiving a signal on the second communication carrier.

No. of Pages : 49 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2189/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : POROUS GELS BASED ON AROMATIC AND CYCLOALIPHATIC AMINES

(51) International classification	:C08G18/10
(31) Priority Document No	:09167834.2
(32) Priority Date	:13/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/061171
Filing Date	:02/08/2010
(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)FRICKE Marc

2)ELBING Mark

(57) Abstract :

The invention relates to a porous gel comprising the following components in reacted form: (a1) at least one polyfunctional isocyanate (a2) at least one polyfunctional aromatic amine and (a3) at least one polyfunctional cycloaliphatic amine. The invention further relates to a process for preparing porous gels to the porous gels thus obtainable and to the use of the porous gels as an insulating material and in vacuum insulation panels.

No. of Pages : 32 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2012

(21) Application No.2211/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : ACCESSORY DEVICE AUTHENTICATION

(51) International classification	:G06F21/20
(31) Priority Document No	:12/556,507
(32) Priority Date	:09/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048130
Filing Date	:08/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Apple Inc.

Address of Applicant :1 Infinite Loop Cupertino California
95014 U.S.A.

(72)Name of Inventor :

1)LYDON Gregory T.

2)SCHUBERT Emily Clark

(57) Abstract :

An authentication controller coupled to a first communication port of a portable computing device is allowed to provide authentication on behalf of an accessory device coupled to a second communication port of the portable computing device. In one embodiment a dongle that includes an authentication controller can be coupled with the portable computing device. Accessory devices can also be coupled with the portable computing device through other ports including wireless ports. The dongle can provide cross-transport authentication for accessories that do not include authentication controllers. Once the dongle had been properly authenticated the permissions granted to the dongle port can be transferred to a communication port coupled with an accessory.

No. of Pages : 58 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2012

(21) Application No.2213/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO TEXTILE BONDING ARRANGEMENTS•

(51) International classification	:D02G3/44	(71) Name of Applicant : 1)MONTFORT SERVICES SDN. BHD. Address of Applicant :Unit 1001 10th Floor Star House 3 Salisbury Road Tsimshatsui Kowloon Hong Kong China
(31) Priority Document No	:0914046.8	
32) Priority Date	:12/08/2009	
(33) Name of priority country	:U. .	
(86) International Application No	:PCT/GB2010/001527	(72) Name of Inventor : 1)STURMAN Richard
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	

(57) Abstract :

In the field of textile bonding arrangements there is a need to join a textile item to another item while maintaining the inherent flexibility of each item. A textile attachment formation (10; 50) comprises a textile structure (12) formed by a series of interlocking loops (14) of a first thread (16). The textile structure (12) further includes an elongate bonding element (20) which lies adjacent to the first thread (16). The position of the bonding element (20) about the perimeter (22) of the first thread (16) varies along the length of the first thread (16).

No. of Pages : 29 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2225/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : IMPROVED METHOD FOR A HIGHLY SENSITIVE DETECTION AND QUANTIFICATION OF BIOMOLECULES USING SECONDARY ION MASS SPECTROMETRY (SIMS)

(51) International classification	:G01N33/68	(71) Name of Applicant : 1)UNIVERSITE DE ROUEN Address of Applicant :1 rue Thomas Becket F-76130 Mont-Saint-Aignan France
(31) Priority Document No	:09305855.0	
(32) Priority Date	:15/09/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2010/063569	(72) Name of Inventor : 1)RIPOLL Camille 2)NORRIS Victor 3)LEGENT Guillaume 4)DELAUNE Anthony
Filing Date	:15/09/2010	
(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	

(57) Abstract :

A method implemented by computer means for calculating by optimization an optical system for example an ophthalmic lens according to at least one criterion among the following list consisting of : ocular deviation object visual angular field in central vision image visual angular field in central vision pupil field ray deviation object visual angular field in peripheral vision image visual angular field in peripheral vision prismatic deviation in peripheral vision magnification in peripheral vision lens volume magnification of the eyes temple shift or a variation of preceding criteria.

No. of Pages : 45 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2226/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR SETTING CENTER OF SEARCHING WINDOW

(51) International classification	:H04B1/707
(31) Priority Document No	:200910176385.6
(32) Priority Date	:29/09/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/074503
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)ZTE CORPORATION

Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China

(72)Name of Inventor :

1)He LI

(57) Abstract :

The present invention discloses a method and an apparatus for setting center of a search window. In the present invention the center of the search window of a chip is set as a fixed search window mode to realize that the trunking service fixes the center of the search window and meanwhile the center of the search window of the chip is set according to good or bad frame rate of user^{TMs} reverse link or according to multi-path energy so as to realize that the voice service sets the center of the search window in real time. Therefore the wireless communication system is able to realize that the voice service is compatible with the trunking service and to meet the requirement that the center of the search window of the voice service needs to change in real time.

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2012

(21) Application No.2228/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METABOLICALLY ENHANCED PHOTOAUTOTROPHIC ETHANOL PRODUCING HOST CELLS METHOD FOR PRODUCING THE HOST CELLS CONSTRUCTS FOR THE TRANSFORMATION OF THE HOST CELLS AND METHOD OF PRODUCING ETHANOL USING THE HOST CELLS

(51) International classification	:C12N9/04	(71) Name of Applicant : 1)ALGENOL BIOFUELS INC. Address of Applicant :28100 Bonita Grande Drive Suite 200 Bonita Springs FL 34135 U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/EP2009/060526	(72) Name of Inventor : 1)BAIER Kerstin 2)DHRING Ulf 3)OESTERHELT Christine 4)ZIEGLER Karl 5)ENKE Heike
Filing Date	:13/08/2009	
(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	

(57) Abstract :

One embodiment of the invention provides a metabolically enhanced photoautotrophic ethanol producing host cell comprising: - at least two first metabolic enhancements reducing the enzymatic activity or affinity of at least two endogenous host cell enzymes involved in acetate and lactate fermentation - the first metabolic enhancements resulting in an enhanced level of biosynthesis of acetaldehyde pyruvate acetyl-CoA or precursors thereof compared to the respective wild type host cell - at least one second metabolic enhancement different from the first metabolic enhancement comprising an overexpressed enzyme for the formation of ethanol.

No. of Pages : 201 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2012

(21) Application No.2240/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR MANUFACTURING A FUNCTIONAL GEL

(51) International classification	:A23L1/06	(71) Name of Applicant :
(31) Priority Document No	:2009-187409	1)MURAKAMI Atsuyoshi Address of Applicant :6-19-50-404 Akasaka Minato-ku
(32) Priority Date	:12/08/2009	Tokyo-107-0052 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/003019	1)MURAKAMI Atsuyoshi 2)HANAOKA Kokichi 3)OHTSUBO Ryouichi 4)MATSUO Yoshiaki
Filing Date	:27/04/2010	
(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	

(57) Abstract :

[OBJECT] Provide a functional gel which held micro-bubble inside. [SOLVING MEANS] At first fill the airtight container 2 with water (solution) and supply a gas such as hydrogen from the gas supply pipe 5 drive the supersonic wave vibratory plate 4 then the micro-bubbles 1b of the gas are generated. The diameter of the micro-bubbles 1b is for example nanosize then the speed of rise in the water is slow so it remains underwater for about 10 minutes even if the supersonic wave vibratory plate 6 is stopped.

No. of Pages : 32 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2012

(21) Application No.2170/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROTOCOL TO SUPPORT ADAPTIVE STATION-DEPENDENT CHANNEL STATE INFORMATION FEEDBACK RATE IN MULTI-USER COMMUNICATION SYSTEMS

(51) International classification	:H04L25/03	(71) Name of Applicant :
(31) Priority Document No	:61/243,891	1)QUALCOMM Incorporated
(32) Priority Date	:18/09/2009	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2010/049394	U.S.A.
Filing Date	:17/09/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)BREIT Gregory A.
(61) Patent of Addition to Application Number	:NA	2)ABRAHAM Santosh Paul
Filing Date	:NA	3)VERMANI Sameer
(62) Divisional to Application Number	:NA	4)SAMPATH Hemanth
Filing Date	:NA	5)MERLIN Simone
		6)VAN NEE Didier Johannes Richard

(57) Abstract :

Methods and apparatuses are proposed for supporting one or more user-dependent channel state information (CSI) feedback rates in a downlink spatial division multiple access (SDMA) system. For certain aspects an access point (AP) may receive a channel evolution feedback from one or more stations and send a request for CSI to the stations whose CSI values need to be updated. For certain aspects the AP may poll the stations for updated CSI values. For certain aspects deterministic back-off timers may be assigned to the stations indicating when to send their CSI feedback. The proposed methods may improve system performance.

No. of Pages : 53 No. of Claims : 79

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2012

(21) Application No.2205/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM, BASE STATION, HIGHER-ORDER APPARATUS, GATEWAY APPARATUS, COMMUNICATION METHOD AND PROGRAM

(51) International classification	:H04W88/18	(71)Name of Applicant :
(31) Priority Document No	:2009-187320	1)NEC CORPORATION Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO 108-8001 Japan
(32) Priority Date	:12/08/2009	
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2010/059330	1)MOCHIZUKI, KOICHI 2)UEDA, YOSHIO
Filing Date	:02/06/2010	
(87) International Publication No	:WO 2011/018915	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mobile communication system including: a terminal, a movement-origin base station to which the terminal connects before movement of the terminal; a movement-destination base station to which the terminal connects after movement of the terminal; and a higher-order apparatus that has the movement-origin base station and the movement-destination base station under its control. Control information for voice encoding is set in advance in the movement-origin base station and the movement-destination base station, the movement-origin base station includes the control information of its own station in a first message and transmits the first message to the higher-order apparatus, and the higher-order apparatus includes the control information of the movement-origin base station in a second message and transmits the second message to the movement-destination base station.

No. of Pages : 75 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2214/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 03/05/2013

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

(51) International classification	:H04W28/06	(71) Name of Applicant : 1)NEC CORPORATION Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO 108-8001 Japan
(31) Priority Document No	:2009-217755	
(32) Priority Date	:18/09/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/066215	(72) Name of Inventor :
Filing Date	:17/09/2010	1)TAKANO, YUSUKE
(87) International Publication No	:WO 2011/034175	2)TAMURA, TOSHIYUKI
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A node on a core network, in accordance with a connection state of a terminal, releases a transmission path resource which is made unnecessary due to LIPA (Local IP access) or SIPTO (Selected IP traffic offload) connection configuration.

No. of Pages : 50 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2235/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO AND METHOD AND APPARATUS FOR DECODING VIDEO•

(51) International classification	:H04N7/24
(31) Priority Document No	:10-2009-0075335
(32) Priority Date	:14/08/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/0 5369
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 :

1)SAMSUNG ELECTRONICS CO . LTD.

Address of Applicant :416 Maetan-dong Yeongtong-gu
Suwon-si Gyeonggi-do 442-742 Republic of Korea

(72)Name of Inventor :

- 1)CHEON Jianle
- 2)CHEON Min-Su
- 3)LEE Jae-Chool
- 4)MIN Jung-Hye
- 5)JUNG Hae-Kyung
- 6)KIM Il-Koo
- 7)LEE Sang-Rae
- 8)LEE Kyo-Hyuk

(57) Abstract :

Disclosed is a method of encoding a video the method including: splitting a current picture into at least one maximum coding unit; determining a coded depth to output a final encoding result according to at least one split region obtained by splitting a region of the maximum coding unit according to depths by encoding the at least one split region based on a depth that deepens in proportion to the number of times the region of the maximum coding unit is split; and outputting image data constituting the final encoding result according to the at least one split region and encoding information about the coded depth and a prediction mode according to the at least one maximum coding unit.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2249/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : MULTIPLE CARRIER INDICATION AND DOWNLINK CONTROL INFORMATION
INTERACTION

(51) International classification	:H04W72/04	(71) Name of Applicant :
(31) Priority Document No	:61/241,816	1)QUALCOMM INCORPORATED
(32) Priority Date	:11/09/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/048521	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:10/09/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2011/032035 A2	1)WANSHI CHEN
(61) Patent of Addition to Application Number	:NA	2)TAO LUO
Filing Date	:NA	3)AAMOD DINKAR KHANDEKAR
(62) Divisional to Application Number	:NA	4)JUAN MONTOJO
Filing Date	:NA	5)PETER GAAL
		6)JELENA M. DAMNjanovic

(57) Abstract :

Methods, systems, apparatus and computer program products are provided to facilitate the configuration and allocation of cross-carrier control information associated with transmissions of a wireless communication system. This Abstract is provided for the sole purpose of complying with the Abstract requirement rules that allow a reader to quickly ascertain the disclosed subject matter. Therefore, it is to be understood that it should not be used to interpret or limit the scope or the meaning of the claims.

No. of Pages : 75 No. of Claims : 108

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2012

(21) Application No.2184/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : TWO-STAGE METHOD FOR THE CORROSION PROTECTION TREATMENT OF METAL SURFACES

(51) International classification	:B05D7/14
(31) Priority Document No	:10 2009 029 334.5
(32) Priority Date	:10/09/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/061592
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)**Henkel AG & Co. KGaA**

Address of Applicant :Henkelstrasse 67 D-40589
Düsseldorf Germany

(72)Name of Inventor :

1)**ROSENKRANZ Christian**

2)**ARNOLD Andreas**

3)**LEPA Klaus**

4)**MARKOU Konstantinos**

(57) Abstract :

The present invention relates to an at least two-stage method for the corrosion protection treatment of metal surfaces, wherein, in a first step (i), an organic coating made of an aqueous phase (A) is applied to the metal surface and, in a following step (ii), the organic coating applied to the metal surface is brought into contact with an acidic, aqueous composition (B) comprising at least one or more water-soluble compounds containing at least one atom selected from the elements Zr, Ti, Si, Hf, V and/or Ce and one or more water-soluble compounds that release copper ions. The invention further comprises a metal component that is at least partially made of steel, iron, zinc and/or aluminum and the alloys thereof and has been treated by the method according to the invention, and to the use thereof in automobile construction and in the construction industry and for producing household appliances and electronics housings.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2012

(21) Application No.2185/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESS FOR PREPARING CINACALCET

(51) International classification	:C07C209/74	(71) Name of Applicant :
(31) Priority Document No	:09169934.8	1)ZACH SYSTEM S.P.A
(32) Priority Date	:10/09/2009	Address of Applicant :Via Lillo del Duca 10 I-20091 Bresso (Milano) Italy
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/063154	1)CATOZZI Nicola
Filing Date	:08/09/2010	2)COTARCA Livius
(87) International Publication No	: NA	3)FOLETTA Johnny
(61) Patent of Addition to Application Number	:NA	4)FORCATO Massimiliano
Filing Date	:NA	5)GIOVANETTI Roberto
(62) Divisional to Application Number	:NA	6)SORIATO Giorgio
Filing Date	:NA	7)VERZINI Massimo

(57) Abstract :

A process for preparing N-[(1)-i -(1-naphthyl)ethyl]-3-[3 -(trifluoromethyl)phenyl]propan-1-amine of formula hydrochloride salt of formula (I) i.e. Cinacalcet HC1 and its intermediate of formula (IX)

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2231/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : BIONIC POSTURE CORRECTING FRAME FOR LEANING ON IN STUDY

(51) International classification	:A47B39/10	(71) Name of Applicant :
(31) Priority Document No	:200910166756.2	1)WU Guodou
(32) Priority Date	:10/08/2009	Address of Applicant :Lianyuan Haihu Miners Lamp Plant
(33) Name of priority country	:China	No. 14 Xincheng South Road Lianyuan China-417100 China
(86) International Application No	:PCT/CN2010/075865	(72) Name of Inventor :
Filing Date	:10/08/2010	1)WU Guodou
(87) 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 bionic posture correcting frame for leaning on in study comprise a body composed of a frame body and an installing frame. When a user sits on a chair behind a desk, an adjusting mechanism is provided on the body which is located between the desk edge and the breast and the abdomen of the user, and between the chin and a position from the lower abdomen to the little over the thigh. The adjusting mechanism is a fist away from the desk edge to realize a right front-position• ,backposition• and study posture between the two positions and can be converted optionally. The mechanism can match with general desks and chairs or bionic posture correcting desks and chairs, and can effectively ensure that a reasonable activity space is formed between the desk and the chair for parts of body such as the head, eyes, the neck and the breast and so on.

No. of Pages : 53 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2012

(21) Application No.2246/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : RECEIVING INFORMATION RELATING TO RADIO ACCESS TECHNOLOGY CAPABILITIES OF A MOBILE STATION

(51) International classification	:H04W48/18
(31) Priority Document No	:61/242,226
(32) Priority Date	:14/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048710
Filing Date	:14/09/2010
(87) International Publication No	:WO 2011/032122 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NORTEL NETWORKS LIMITED

Address of Applicant :5945 AIRPORT ROAD, SITE 360
MISSISSAUGA, ONTARIO L4V 1R9 Canada

(72)Name of Inventor :

1)JANG, KE-CHI

(57) Abstract :

A base station sends a request for information relating to radio access technology capabilities of a mobile station. The base station receives a message containing information relating to radio access technology capabilities of the mobile station, where the message is responsive to the request, and the information contained in the message specifies that the mobile station supports at least two different types of radio access technologies useable by the mobile station to communicate over a wireless link between the base station and the mobile station. The base station is able to control which of the at least two different types of radio access technologies the mobile station is to use.

No. of Pages : 20 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2248/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : HEAT TRANSFER METHOD•

(51) International classification	:C09K5/04
(31) Priority Document No	:09.56246
(32) Priority Date	:11/09 2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051728
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)ARKEMA FRANCE

Address of Applicant :420 rue dEstienne dOrves F-92700
Colombes France

(72)Name of Inventor :

1)RACHED Wissam

(57) Abstract :

The invention relates to a heat transfer method using ternary compositions containing 2 3 3 3-tetrafluoropropene 1 1-difluoroethane and difluoromethane said compositions being especially interesting as a heat transfer fluid in compression refrigeration systems comprising exchangers operating in counterflow mode or in split flow mode with counterflow tendency.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2012

(21) Application No.2241/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : USE OF PPAR DELTA LIGANDS FOR THE TREATMENT OF PREVENTION OF INFLAMMATION OR ENERGY METABOLISM/PRODUCTION RELATED DISEASES

(51) International classification	:A61K31/381	(71) Name of Applicant :
(31) Priority Document No	:61/234,231	1)CERENIS THERAPEUTICS S.A.
(32) Priority Date	:14/08/2009	Address of Applicant :BP 87519 Rue de La Decouverte F-31675 Labège Cedex France
(33) Name of priority country	:U.S.A.	2)NIPPON CHEMIPHAR CO. LTD.
(86) International Application No	:PCT/US2010/045450	(72) Name of Inventor :
Filing Date	:13/08/2010	1)BARBARAS Ronald
(87) International Publication No	: NA	2)ONICIU Daniela Carmen
(61) Patent of Addition to Application Number	:NA	3)DASSEUX Jean-louis
Filing Date	:NA	4)SCOTT Robert A.
(62) Divisional to Application Number	:NA	5)WETTERAU John R.
Filing Date	:NA	

(57) Abstract :

Provided herein are methods for treatment prevention or amelioration of one or more symptoms of a disease or condition related to disorders of insulin and/or glucose metabolism inflammatory conditions mitochondrial disease muscle disorders or pulmonary disorders involving administering a PPAR6 agonist or a pharmaceutical composition comprising a PPAR6 agonist. In one embodiment the disease or condition is selected from myopathy inflammatory vascular diseases Parkinson™s and Alzheimer™s diseases systemic inflammatory disorders renal ischemia inflammatory rheumatic disorders and inflammatory diseases of the lung. In another embodiment methods for increasing oxidative muscle fibers reducing mitochondria disease decreasing insulin resistance decreasing plasma glucose or decreasing weight involving administering a PPAR agonist or a pharmaceutical composition comprising a PPAR agonist are provided.

No. of Pages : 189 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2012

(21) Application No.2242/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : INTRAVENOUS FORMULATIONS OF NEUROKININ-1 ANTAGONISTS

(51) International classification	:A01N43/42	(71) Name of Applicant : 1)OPKO HEALTH INC. Address of Applicant :4400 Biscayne Boulevard Miami Florida-33137 U.S.A.
(31) Priority Document No	:61/234,129	
(32) Priority Date	:14/08/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/045317	(72) Name of Inventor : 1)WAN Jiansheng 2)GUPTA Pranav 3)MONTEITH David 4)BHATTACHARYA Soumendu
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	

(57) Abstract :

Pharmaceutical compositions for intravenous administration comprising the compound of Formula I Formula I or a pharmaceutically acceptable salt are described herein. Methods of preparing the pharmaceutical compositions and methods for treating nausea and/or emesis with the pharmaceutical compositions are also described herein.

No. of Pages : 91 No. of Claims : 73

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2257/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : RIDGE INTELLIGENT CABLE SYSTEM WITH BUILT-IN FIBER GRATING SENSOR•

(51) International classification	:E01D19/16	(71) Name of Applicant :
(31) Priority Document No	:200910145152.X	1)FASTEN GROUP COMPANY LTD.
(32) Priority Date	:30/09/2009	Address of Applicant :No.203 Tongjiang North Road
(33) Name of priority cou try	:China	Jiangyin Jiangsu Province 214433 P.R. China
(86) International Application No	:PCT/CN2009/001340	(72) Name of Inventor :
Filing Date	:27/11/2009	1)LIU Lihua
(87) International Publication No	: NA	2)ZHAO Xia
(61) Patent of Addition to Application Number	:NA	3)JIANG Desheng
Filing Date	:NA	4)XUE Huajuan
(62) Divisional to Application Number	:NA	5)ZHOU Zhubing
Filing Date	:NA	6)ZHOU Mingbao
		7)ZHANG Enlong
		8)LIU Shengchun
		9)LI Sheng

(57) Abstract :

A bridge intelligent cable system with a built-in fiber grating sensor is provided, which is applied in a cable bearing structure such as a cable-stayed bridge, a suspension bridge, and an arch bridge. The system includes an anchor cup (1), a wire dividing plate (5), a connecting cylinder (4), a fiber grating sensor, and a cable body (11, in which the fiber grating sensor includes a fiber grating strain sensor (9) and a fiber grating temperature sensor (10), tail fibers of the fiber grating strain sensor (9) and the fiber grating temperature sensor (10) are led out, the packaged fiber grating strain sensor (9) is fixedly connected to an outer-layer steel wire (3) of the connecting cylinder (4), the packaged fiber grating temperature sensor (10) is suspended on the steel wire (3) of the connecting cylinder (4), holes (5-1) are punched in the wire dividing plate (5), and a preserved steel pipe (7) is buried in advance in the connecting cylinder (4) and the anchor cup (1). The system improves survival rates of the fiber grating sensor and the fibers in cable manufacturing and application processes, ensures reliability of the embedding technology of the fiber grating sensor, and effectively leads a fiber grating signal out of the cable body without distortion.

No. of Pages : 17 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2259/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : HETEROGENEOUS RHODIUM METAL CATALYSTS

(51) International classification	:B01J31/12	(71) Name of Applicant :
(31) Priority Document No	:61/246,166	1)The Governors of the University of Alberta
(32) Priority Date	:28/09/2009	Address of Applicant :Suite 4000 10230 Jasper Avenue Edmonton Alberta-T5J 4P6 Canada
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/CA2010/001547	1)BERGENS Steven H.
Filing Date	:28/09/2010	2)SULLIVAN Andrew Douglas
(87) International Publication No	: NA	3)HASS Michael
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Novel polymeric rhodium catalysts having repeating subunits of Formula (I) wherein R1 R8 X A m n and p are as defined in the application are described along with methods of using these catalysts as well as precursors therefor in the chemical synthesis transformations.

No. of Pages : 52 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2268/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : REGULATORY NUCLEIC ACID MOLECULES FOR ENHANCING SEED-SPECIFIC GENE EXPRESSION IN PLANTS PROMOTING ENHANCED POLYUNSATURATED FATTY ACID SYNTHESIS•

(51) International classification	:C12N15/82	(71) Name of Applicant : 1) BASF PLANT SCIENCE COMPANY GMBH Address of Applicant :67056 Ludwigshafen Germany
(31) Priority Document No	:61/238254	
(32) Priority Date	:31/08/2009	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/0625 1	1)SENGER Toralf 2)BAUER Jrg 3)KUHN Josef Martin
Filing Date	:27/08/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention in principle pertains to the field of recombinant manufacture of fatty acids. It provides novel nucleic acid molecules comprising nucleic acid sequences encoding fatty acid desaturases elongases acyltransferases terminator sequences and high expressing seed-specific promoters operatively linked to the said nucleic acid sequences wherein nucleic acid expression enhancing nucleic acids (NEENAs) are functionally linked to said promoters.

No. of Pages : 100 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2224/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : STORED ENERGY AND CHARGING APPLIANCE

(51) International classification	:H02J/00	(71) Name of Applicant :
(31) Priority Document No	:61/233,087	1)AEROVIRONMENT INC.
(32) Priority Date	:11/08/2009	Address of Applicant :181 West Huntington Drive Suite 202 Monrovia California 91016 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/045235	1)Larry HAYASHIGAWA
Filing Date	:11/08/2010	2)Tim CONVER
(87) International Publication No	: NA	3)Tyler MACCREADY
(61) Patent of Addition to Application Number	:NA	4)Thomas ZAMBRANO
Filing Date	:NA	5)Kent WEST
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A charging system (100 200 1600) detachably drawing from a power source comprising: (a) an electrical output configuration (130 140 183 193 1660); (b) an electrical input configuration (181 1640 1670); and (c) an energy store configuration (120 280 1650); and methods of provisioning (1300 1400 1500) the energy store (120 280 1650) the charging system(100 200 1600) and electric vehicle charger devices (262 310 410 510 610 810 1010 1110).

No. of Pages : 47 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2236/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : INTEGRATED ENHANCED IL RECOVERY PROCESS•

(51) International classification	:E21B43/16	(71) Name of Applicant : 1)GREATPOINT ENERGY INC. Address of Applicant :222 Third Street Suite 2163 Cambridge Massachusetts 02142 U.S.A.
(31) Priority Document No	:61/252,936	
(32) Priority Date	:19/10/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/053027	(72) Name of Inventor : 1)RAMAN Pattabhi Kothandapani
Filing Date	:18/10/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an enhanced oil recovery process that is integrated with a synthesis gas generation process such as gasification or methane reforming involving combined capture and recycle of carbon dioxide from both processes.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2237/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : USE OF NON IONIC SURFACTANTS TO INCREASE OXYGEN SCAVENGER ACTIVITY OF FUNCTIONALIZED POLYOLEFIN FILMS

(51) International classification	:C08K5/06	(71) Name of Applicant :
(31) Priority Document No	:09167987.8	1)BASF SE Address of Applicant :67056 Ludwigshafen Germany
(32) Priority Date	:17/08/2009	(72) Name of Inventor :
(33) Name of priority country	:EPO	1)MENOZZI Edoardo
(86) International Application No	:PCT/EP2010/061798	2)GALFRE Enrico
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	

(57) Abstract :

Use of non ionic surfactants to increase oxygen scavenger activity of functionalized polyolefin films An oxygen-scavenging composition comprising (I) an oxidizable metal component (II) an electrolyte component (III) a non-electrolytic acidifying component and (IV) a non ionic surfactant component preferably selected from the group consisting of alkyl polyethylene glycols polyethylene glycols polypropylene glycols polypropylene glycol polyethylene glycol block copolymers and polyethylene glycol block copolymers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2252/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING CQI VALUE IN COORDINATED MULTI POINT TRANSMISSION/RECEPTION

(51) International classification	:H04B7/04
(31) Priority Document No	:200910166155.1
(32) Priority Date	:14/08/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073721
Filing Date	:09/06/2010
(87) International Publication No	:WO 2011/017968 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 DISTRICT,
SHENZHEN, GUANGDONG PROVINCE 518 057 China

(72)Name of Inventor :

1)YUNFENG SUN

2)JUNFENG ZHANG

3)JING JIANG

4)CHANGQING ZHU

(57) Abstract :

In the invention, a method for determining a channel quality indicator (CQI) value in coordinated multi-point transmission/reception (COMP) is provided, wherein the method comprises the following steps: a receiving side feeds back an independent CQI value or normalized useful signal power of each point of all or part of the points in a COMP measurement set or reporting set to a network side; the receiving side feeds back the correlation coefficient between the channel of each point and the channel of a master serving point to the network side; and the network side determines, according to the correlation coefficient and the independent CQI value of each point or-normalized useful signal power, the CQI value used for coordinated multi-point transmission/reception. In the invention, a device is also provided for determining the CQI value in COMP.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2012

(21) Application No.2253/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : UNIFIED ITERATIVE DECODING ARCHITECTURE USING JOINT LLR EXTRACTION AND A PRIORI PROBABILITY

(51) International classification	:H04L1/06
(31) Priority Document No	:12/552,673
(32) Priority Date	:02/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045800
Filing Date	:17/08/2010
(87) International Publication No	:WO 2011/028413 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

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

(72)Name of Inventor :

1)PARVATHANATHAN SUBRAHMANYA

2)ANDREW SENDONARIS

3)JIA TANG

4)ATUL A. SALVEKAR

5)SHANTANU KHARE

6)JONG HYEON PARK

7)BRIAN CLARKE BANISTER

8)TAO CUI

(57) Abstract :

Certain aspects of the present disclosure relate to a method and an apparatus for unified iterative demodulation-decoding that can be employed in both multiple-input multiple-output (MIMO) and non-MIMO wireless systems.

No. of Pages : 36 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2012

(21) Application No.2255/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : VERIFICATION OF DISPENSED ITEMS

(51) International classification	:G06F19/00	(71) Name of Applicant :
(31) Priority Document No	:12/571,221	1)CAREFUSION 303 INC.
(32) Priority Date	:30/09/2009	Address of Applicant :3750 Torrey View Court San Diego
(33) Name of priority country	:U.S.A.	California 92130 U.S.A.
(86) International Application No	:PCT/US2010/050546	(72) Name of Inventor :
Filing Date	:28/09/2010	1)GRAHAM ROSS
(87) 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 automated medication dispensing system is disclosed. The system includes a memory configured to store identifying information for at least one item. The identifying information includes an indicator associated with at least one specific feature of the at least one item. The system also includes a processor configured to dispense the at least one item to a user an output module configured to display the identifying information for the at least one item and an input device configured to receive from the user input indicating that the user has verified that the dispensed item has the same identifying information as the identifying information displayed by the output module. Handheld devices bedside administration systems methods and machine-readable mediums are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2260/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESS FOR PRODUCTION OF BIOARTIFICIAL ORGAN

(51) International classification	:C12N5/071	(71) Name of Applicant :
(31) Priority Document No	:2009-188578	1)Organ Technologies Inc.
(32) Priority Date	:17/08/2009	Address of Applicant :2-2 Kanda-Tsukasamachi Chiyoda-ku Tokyo 101-0048 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/063659	1)KITAMURA Shinji
Filing Date	:11/08/2010	2)MAKINO Hirofumi
(87) 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 are: a method for inducing the differentiation of stem cells into tissue cells; a bioartificial organ which comprises the tissue cells; and a material for medical purposes which comprises the bioartificial organ. Stem cells capable of pro-liferation self-replication and differentiation are used and cultured by a hanging-drop method to three-dimensionally construct a cell mass of embryoid bodies and the cell mass is cultured in the presence of HGF GDNF b-FGF BMP7 and EGF. In this manner the stem cells can be differentiated into tissue cells. A bioartificial organ can be produced using cells that have been differentiated into the tissue cells. Further a material for medical purposes can be provided.

No. of Pages : 60 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2261/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR HANDLING AQUEOUS SOLUTION CONTAINING WATER-SOLUBLE SUBSTANCE METHOD FOR MANUFACTURING ALKYLBENZENE HYDROPEROXIDE AND METHOD FOR MANUFACTURING HYDROXYBENZENE

(51) International classification	:C07C407/00	(71) Name of Applicant :
(31) Priority Document No	:2009-189744	1)SUMITOMO CHEMICAL COMPANY LIMITED
(32) Priority Date	:19/08/2009	Address of Applicant :27-1 Shinkawa 2-chome Chuo-ku
(33) Name of priority country	:Japan	Tokyo 104-8260 Japan
(86) International Application No	:PCT/JP2010/063996	(72) Name of Inventor :
Filing Date	:19/08/2010	1)ONUMA Mitsuru
(87) International Publication No	: NA	2)NORITAKE Tomoyuki
(61) Patent of Addition to Application Number	:NA	3)GOTO Shigeru
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a method for handling an aqueous solution containing a water-soluble substance that changes into a water-insoluble substance over time including a step of bringing the aqueous solution to be treated containing the water-soluble substance that changes into the water-insoluble substance over time into contact with a water-insoluble organic solvent and extracting the water-soluble substance into the water-insoluble organic solvent. Preferably the water-soluble substance is alkylbenzene hydroperoxide and the water-insoluble substance is alkylbenzene hydroperoxide-derived alcohol. Preferably the aqueous solution to be treated is an alkaline aqueous phase separated in a water-washing step in a process of manufacturing the alkylbenzene hydroperoxide that has an alkali extraction step the water-washing step an oxidation step and a reaction solution separation step.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2012

(21) Application No.2262/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : STORAGE-STABLE LIQUID DETERGENT OR CLEANING AGENT CONTAINING PROTEASES

(51) International classification	:C12N9/54	(71)Name of Applicant :
(31) Priority Document No	:10 2009 029 513.5	1) Henkel AG & Co. KGaA Address of Applicant :Henkelstrasse 67 D-40589 Düsseldorf Germany
(32) Priority Date	:16/09/2009	(72)Name of Inventor :
(33) Name of priority country	:Germany	1) WIELAND Susanne 2) SIEGERT Petra 3) SPITZ Astrid 4) MAURER Karl-Heinz 5) OCONNELL Timothy 6) PRSER Inken 7) SCHIEDEL Marc-Steffen 8) EITING Thomas 9) SENDOR-MLLER Dorota 10) BASTIGKEIT Thorsten 11) BENDA Konstantin 12) MLLER Sven
(86) International Application No Filing Date	:PCT/EP2010/063556 :15/09/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A phosphonate-containing liquid washing or cleaning agent is intended to exhibit advantageous proteolytic activity and in addition to exhibit improved storage stability. This is achieved by using protease which comprises an amino acid sequence which is at least 80% identical to the amino acid sequence stated in SEQ ID no. 1 and which comprises in position 99 in the numbering according to SEQ ID no. 1 the amino acid glutamic acid (E) or aspartic acid (D) or the amino acid asparagine (N) or glutamine (Q) or the amino acid alanine (A) or glycine (G) or serine (S).

No. of Pages : 62 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2263/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROTECTIVE SUBSTRATE FOR A DEVICE THAT COLLECTS OR EMI S RADIATION•

(51) International classification	:H01L51/52	(71) Name of Applicant : 1)SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION Address of Applicant :1199 Chillicothe Road Aurora Ohio 44202 U.S.A.
(31) Priority Document No	:0956206	
(32) Priority Date	:10/09/2009	
(33) Name of priority countr	:France	
(86) International Application No	:PCT/EP2010/062998	
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	

(57) Abstract :

This substrate (11) for a device (50) that collects or emits radiation comprises a transparent polymer layer (1) and a barrier layer (2) on at least one face (1A) of the polymer layer. The barrier layer (2) consists of an antireflection multilayer of at least two thin transparent layers (21 22 23 24) having both alternately lower and higher refractive indices and alternately lower and higher densities wherein each thin layer (21 22 23 24) of the constituent multilayer of the barrier layer (2) is an oxide nitride or oxynitride layer.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2274/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : INVERTER WITH COMMUTATION CIRCUIT

(51) International classification	:H02M5/458	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ESAB AB
(32) Priority Date	:NA	Address of Applicant :Box 8004 S-402 77 Gteborg
(33) Name of priority country	:NA	Sweden
(86) International Application No	:PCT/EP2009/061872	(72) Name of Inventor :
Filing Date	:14/09/2009	1)KARLSSON Rolf
(87) International Publication No	: NA	2)ANDERSSON Per
(61) Patent of Addition to Application Number	:NA	3)VESSMAN Dan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An inverter provides alternating current (iout) to a load (130) containing a welding circuit. The inverter includes at least one commutation circuit (110) and a bridge circuit (120) connected to a bus forwarding power from a DC power source (100). The bus is also galvanically connected to the load (130) via the bridge circuit (120). The at least one commutation circuit (110) receives power from the DC power source (100); receives energy from inductive elements in the load (130) during a storage phase of a cyclic procedure, and controls energy feedback to the load (130) during a feedback phase of the cyclic procedure. The at least one commutation circuit (110) is a two-pole having a first pole (p1) connected to a first node (A) and a second pole (p2) connected to a second node (B). The at least one commutation circuit (110) is arranged to receive energy from the load (130) and feedback energy to the load (130) via the first and second nodes (A; B), either directly or via the bridge circuit (120). Energy-flow control means (DIN, SOUT) in each of the at least one commutation circuit (110) control energy to be stored in and taken out from a recovery capacitor (CR) in the commutation circuit (110) in question. The bridge circuit (120) delivers the alternating current (iout) to the load (130).

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2256/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : MEDICAMENTS FOR INHIBITING THROMBUS FORMATION

(51) International classification	:A61K	(71) Name of Applicant : 1)Guizhou Liansheng Pharmaceutical Co. Ltd. Address of Applicant :1 Huaihe Road Huichuan District Zunyi Guizhou Province.P.R.C. China
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/CN2010/00328	(72) Name of Inventor : 1)SU Chunhua
Filing Date	:17/03/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Medicaments for inhibiting thrombus formation contains active ingredients which are triflusul and clopidogrel bisulfate wherein a mass ratio of triflusul to clopidogrel bisulfate is (100-650):(30-150) preferably (1-20):1 more preferably (3-6): 1 and even more preferably 3:1 or 6:1.

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2271/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR EXTERNAL PIPELINE WELD INSPECTION•

(51) International classification	:A61B6/03	(71) Name of Applicant : 1)SHAWCOR LTD. Address of Applicant :25 Bethridge Road Toronto Ontario M9W 1M7 Canada
(31) Priority Document No	:0915141.6	
(32) Priority Date	:28/08/2009	
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/GB 010/001622	(72) Name of Inventor :
Filing Date	:27/08/2010	1)PRENTICE Garth R.
(87) International Publication No	: NA	2)KNIGHT Stephen
(61) Patent of Addition to Application Number	:NA	3)DRAKE Stephen G.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus is provided for external inspection of a pipeline circumferential weld. This comprises a radiation source (5) and radiation detector (3). Both units are controllably movable around a drive band or track (7) which is fitted around the circumferential weld. To align the source with the detector the source and detector are moved with respect to each other clockwise and anticlockwise around an initial position whilst sampling the radiation detected at a number of positions. A position of maximum strength of the radiation signal detected can then be determined such that the centre point of the radiation source may be located. The source and detector are then substantially aligned with each other and means are provided to move the source and detector circumferentially around the weld whilst remaining substantially in alignment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2272/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : ADVANCED FUSION FUEL

(51) International classification	:F03H1/00	(71) Name of Applicant : 1)Advanced Fusion Systems LLC Address of Applicant :11 Edmond Road Newtown CT 06470 U.S.A.
(31) Priority Document No	:61/276,901	
(32) Priority Date	:17/09/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/049348	(72) Name of Inventor : 1)BIRNBACH Curtis A.
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	

(57) Abstract :

Disclosed is a novel compound used as a fuel for thermonuclear fusion reactions for power generation applications. The compound is 11Boron Deuteride which is an analogue of Boron Hydride. Also disclosed is a method of production of this compound.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2273/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : INFRARED SENSOR

(51) International classification	:G01J1/02	(71) Name of Applicant :
(31) Priority Document No	:2009-188633	1)Panasonic Corporation Address of Applicant :1006 Oaza Kadoma Kadoma-shi Osaka 571-8501 Japan
(32) Priority Date	:17/08/2009	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)Takayuki NISHIKAWA 2)Sukoya TAWARATSUMIDA 3)Sadayuki SUMI
(86) International Application No	:PCT/JP2010/063417	
Filing Date	:06/08/2010	
(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	

(57) Abstract :

The infrared sensor in accordance with the present invention includes a pyroelectric element, an IC device, and a surface-mounted package. The IC device is configured to process an output signal of the pyroelectric element. The package is configured to house the pyroelectric element and the IC device. The package includes a package body and a package lid. The package lid is configured to transmit infrared rays to be detected by the pyroelectric element, and has electrical conductivity. The package body is provided in its surface with plural recessed parts arranged in tiers. The IC device is mounted on a bottom of the lower recessed part. The pyroelectric element is mounted on a bottom of the upper recessed part closer to the surface of the package body than the lower recessed part is, so as to extend across the lower recessed part and to be away from the IC device in a thickness direction thereof. The package body includes an output wiring configured to electrically connect an output terminal of the IC device to an external connection terminal. The package body includes a shielding member interposed between the pyroelectric element and the output wiring. The IC device has a specific part adapted in use to receive a ground potential or a constant potential. The shielding member is electrically connected to the specific part of the IC device.

No. of Pages : 53 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2285/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : APPARATUS AND METHOD FOR CRYSTALLIZATION OF SILICON

(51) International classification	:C30B11/00	(71) Name of Applicant : 1)ABB AB Address of Applicant :KOPPARBERGSVAGEN 2, SE-721 83 VASTERAS Sweden
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/EP2009/062099	(72) Name of Inventor : 1)ERIKSSON, JAN-ERIK 2)HJORTSTAM, OLOF 3)SAND, ULF
Filing Date	:18/09/2009	
(87) International Publication No	:WO 2011/032594	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for crystallization of silicon comprises a crucible (11) for containing silicon, a heating and heat dissipating arrangement (12) provided for melting the silicon contained in the crucible and for subsequently solidifying the molten silicon, and an electromagnetic stirring device (13) provided for stirring the molten silicon in the crucible during the solidification of the molten silicon. A control arrangement (14) is provided for controlling the heating and heat dissipating arrangement to solidify the molten silicon at a specified solidification rate and for controlling the electromagnetic stirring device to stir the molten silicon in response to the specified solidification rate of the molten silicon such that the ratio of a speed of the molten silicon and the specified solidification rate is above a first threshold value.

No. of Pages : 24 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2264/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : APPARATUS FOR TRANSMITTING MAC PDU WITH A FRAGMENTATION AND PACKING EXTENDED HEADER AND METHOD THEREOF•

(51) International classification	:H04L29/06	(71) Name of Applicant :
(31) Priority Document No	:61/262,531	1)LG ELECTRONICS INC.
(32) Priority Date	:18/11/2009	Address of Applicant :20 Yeouido-dong Yeongdeungpo-gu
(33) Name of priority country	:U.S.A.	Seoul 150-721 Republic of Korea.
(86) International Application No	:PCT/KR2010/008157	(72) Name of Inventor :
Filing date	:18/11/2010	1)KIM Jeong Ki
(87) International Publication No	: NA	2)YUK Young Soo
(61) Patent of Addition to Application Number	:NA	3)KIM Yong Ho
Filing Date	:NA	4)RYU Ki Seon
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of transmitting data in a transmitting stage is disclosed. The present invention includes configuring a MAC PDU (medium access control protocol data unit) including fragmented data and a fragmentation extended header (FEH) and a packing extended header (PEH) for transmitting the fragmented data and transmitting the configured MAC PDU to a receiving stage. Preferably the FEH or the PEH includes an extended header type field indicating a type of an extended header and a fragmentation control field including information on the fragmented data.

No. of Pages : 60 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2012

(21) Application No.2265/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : TABLE AND CHAIR FOR BIONICS CORRECTING POSTURE

(51) International classification	:A47B9/00	(71) Name of Applicant :
(31) Priority Document No	:200920166775.0	1)WU Guodou
(32) Priority Date	:12/08/2009	Address of Applicant :Lianyuan Haihu Miners Lamp Plant
(33) Name of priority country	:China	No. 14 Xincheng South Road Lianyuan China-417100 China
(86) International Application No	:PCT/CN2010/075952	(72) Name of Inventor :
Filing Date	:12/08/2010	1)WU Guodou
(87) 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 :

Table and chair for bionics correcting posture comprise a table (1), a chair (2) or a stool, and the lower parts of the table legs (8) are connected with a footplate. A chair back (17) is connected between the supports (18) of the chair back. A posture correcting device and a mechanism for fixing the posture correcting device are disposed on the upper part and the lower part of the table and chair, between the table (1) and the chair (2), or between the table legs (8) and the chair legs (8). A table top lifting/lowering mechanism is disposed between the table top (3) and the table case for adjusting the height and inclination of the table top (3). It is convenient to move the table (1) or the chair (2) back and forth and adjust the height of the table and chair, and the structure of the table and chair is simple.

No. of Pages : 59 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2266/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) title of the invention : COUPLER WITH ATTACHMENT MEMBERS BUILT INTO THE FRICTION TREAD SURFACE TRAIN AND CONVEYOR•

(51) International classification	:B61 5/02
(31) Priority Document No	:0904386
(32) Priority Date	:15/09/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/IB2010/054167
Filing Date	:15/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CINETIC ASSEMBLY

Address of Applicant :6-8 rue de Rome ZAC Val dEurope
F-77144 Montevrain France

(72)Name of Inventor :

1)BOULLARD Vincent

2)MANDONNET Philippe

(57) Abstract :

The invention relates to a coupler (10) including a tread surface (16) for a friction roller comprising a first portion (12) and a second portion (14); members (20-40) for removably attaching the first portion (12) of the tread surface to the second portion (14) of the tread surface (16); the tread surface being continuous and the attachment members being built into the tread surface. The invention also relates to a train including cross-bars mutually coupled by a coupler such as described above and to a friction conveyor of the train. The invention is suitable for obtaining a friction conveyor system that is safer and reduces the multiplicity of drive points while guaranteeing the independence of the loads conveyed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2267/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : PREPARATION OF BETA-AMINO ACIDS•

(51) International classification	:C12N9/86
(31) Priority Document No	:09170364.5
(32) Priority Date	:15/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/063558
Filing Date	:15/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)SCHNEIDER Nina

2)HAUER Bernhard

3)DITRICH Klaus

4)O`NEIL Maeve

5)TURNER Nick

(57) Abstract :

The present invention relates to a process for the biocatalytic enantioselective production of a -amino acid precursor from an optionally substituted dihydrouracil using a hydantoinase and/or a dihydropyrimidinase a process for producing a -amino acid from said precursor a hydantoinase and its use in said process for the biocatalytic production of a -amino acid precursor or a -amino acid and a method for obtaining said hydantoinase.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2293/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : POLYPEPTIDES HAVING ISOAMYLASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME

(51) International classification	:C12N9/44
(31) Priority Document No	:09168390.4
(32) Priority Date	:21/08/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/062164
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 :

1)NOVOZYMES A/S

Address of Applicant :Krogshoejvej 36 DK-2880 Bagsvaerd Denmark

(72)Name of Inventor :

1)HOFF Tine

2)SJOEHOLM Carsten

3)NORMAN Barrie E.

(57) Abstract :

The present invention relates to isolated polypeptides having isoamylase activity derived from *Dyella japonica* and isolated polynucleotides encoding the polypeptides. The invention also relates to nucleic acid constructs vectors and host cells comprising the polynucleotides as well as methods of producing and using the polypeptides. The invention also relates to the use of said polypeptide having isoamylase activity for producing glucose syrup fructose syrup maltose syrup or maltitol.

No. of Pages : 109 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2275/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR SWITCHING VIDEO MEDIA SERVER AND CONFERENCE SYSTEM

(51) International classification	:H04L12/18
(31) Priority Document No	:200910090992.0
(32) Priority Date	:18/08/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073134
Filing Date	:24/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA :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 518057 China

(72)Name of Inventor :

1)Kun LIU

2)Yinjun HAN

3)Huiping LUO

4)Bin GUO

(57) Abstract :

The present invention discloses a method for switching video a media server and a conference system wherein the method comprises that: a media server (MS) receives a switching control message sent by an application server (AS); according to the switching control message the MS stops playing the first media file played by a first terminal for a second terminal in a videophone service; the MS uses the playback function to play the second media file to be played by the first terminal for the second terminal.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2276/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SOLID INSULATION FOR FLUID-FILLED TRANSFORMER AND METHOD OF FABRICATION THEREOF

(51) International classification	:H01F27/32
(31) Priority Document No	:12/540,437
(32) Priority Date	:13/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045423
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 :

1)WAUKESHA ELECTRIC SYSTEMS INCORPORATED

Address of Applicant :400 S. Prairie Avenue Waukesha WI 53186 U.S.A.

(72)Name of Inventor :

1)GOLNER Thomas M.

2)MEHTA Shirish P.

3)VARANASI Padma P.

4)NEMEC Jeffrey J.

(57) Abstract :

An insulation system for a fluid-filled power transformer that allows for operation of the transformer at higher temperatures and with lowered susceptibility to aging. The insulation system includes a plurality of fibers that are bound together by a solid binding agent. The solid binding agent may for example for sheaths around the fibers or may be in the form of dispersed particles that bind the fibers to each other. Also a method of fabricating such an insulation system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2277/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESS FOR PREPARING FORMIC ACID BY REACTION OF CARBON DIOXIDE WITH HYDROGEN•

(1) International classification	:C07C	(71) Name of Applicant :
(31) Priority Document No	:10167709.4	1)BASF SE Address of Applicant :67056 Ludwigshafen Germany
(32) Priority Date	:29/06/2010	(72) Name of Inventor :
(33) Name of priority country	:EPO	1)SCHAUB Thomas
(86) International Application No	:PCT/EP2010/060012	2)FRIES Donata Maria
Filing Date	:16/06/2011	3)PACIELLO Rocco
(87) International Publication No	: NA	4)MOHL Klaus-Dieter
(61) Patent of Addition to Application Number	:NA	5)SCH,FER Martin
Filing Date	:NA	6)RITTINGER Stefan
(62) Divisional to Application Number	:NA	7)SCHNEIDER Daniel
Filing Date	:NA	

(57) Abstract :

A process for preparing formic acid by reaction of carbon dioxide (1) with hydrogen (2) in a hydrogenation reactor (I) in the presence of - a catalyst comprising an element of group 8, 9 or 10 of the Periodic Table, -a tertiary amine comprising at least 12 carbon atoms per molecule and - a polar solvent comprising one or more monoalcohols selected from among methanol, ethanol, propanols and butanols and also water, to form formic acid/mine adducts as intermediates which are subsequently thermally dissociated, with work-up of the output (3) from the hydrogenation reactor (I) in a plurality of process steps, where a tertiary amine-comprising stream (13) from the work-up is used as selective solvent for the catalyst, is proposed.

No. of Pages : 43 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2307/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : ANTENNA WIRELESS COMMUNICATION DEVICE AND ANTENNA CONFIGURING METHOD

(51) International classification	:H01Q21/30	(71)Name of Applicant :
(31) Priority Document No	:2009-215824	1)NEC Corporation Address of Applicant :7-1 Shiba 5-chome Minato-ku
(32) Priority Date	:17/09/2009	Tokyo 108-8001 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2010/066274	1)ITOH Ryoh 2)UCHIDA Jun
Filing Date	:14/09/2010	
(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	

(57) Abstract :

The present invention enables to restrain the enlargement of the wireless communication apparatus and prevent the manufacturing processes from increasing and to increase the frequency bands which can be used by the wireless communication. An antenna 1 includes a first ground pattern 3 a second ground pattern 4 a hinge conductor member 5 and a current control circuit 6. The first ground pattern 3 is formed on a first printed wiring board 7. The hinge conductor member 5 is arranged on a hinge Z which connects indirectly the first printed wiring board 7 and a second printed wiring board 8 each other. The current control circuit 6 is arranged on the first printed wiring board 7.

No. of Pages : 47 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2308/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR REALIZING CONFIGURATION UPDATING AND EVOLVED NODE B AND MOBILITY MANAGEMENT ENTITY (MME)

(51) International classification	:H04W36/08	(71) Name of Applicant :
(31) Priority Document No	:200910092713.4	1)ZTE CORPORATION
(32) Priority Date	:16/09/2009	Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China
(33) Name of priority country	:China	(72) Name of Inventor :
(86) International Application No	:PCT/CN2010/072539	1)Lianqiao SUN
Filing Date	:07/05/2010	2)Wei SI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a method and system for updating configuration and an eNB and MME. The method comprises, after S1 interface configuration information of an evolved nodeB (eNB) is updated, sending the updated S1 interface configuration information to all adjacent mobility management entities (MMEs) respectively; determining whether replies from the MMEs are all success responses, and if yes, notifying the MMEs to update their respective S1 interface configuration information using the received updated S1 interface configuration information; and otherwise, notifying the MMEs to discard the received updated S1 interface configuration information. In the method, as long as there is one MME which cannot successfully update the S1 interface configuration information, the eNB will not allow all its adjacent MMEs to update the S1 interface configuration information, so as to solve the problem that the S1 interface configuration information of the same eNB in the adjacent MMEs is inconsistent, ensuring the consistency of the S1 interface configuration information of the eNB in the adjacent MMEs, thereby providing basic guarantee for the correctness of the subsequent procedures of the S1 interface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2269/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : APPARATUS FOR STIMULATING HOMEOSTATIC AUTOREGULATORY MECHANISMS IN THE ORGANISM

(51) International classification	:A61N2/02
(31) Priority Document No	:09168622.0
(32) Priority Date	:25/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/062162
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 :

1)Peter Gleim

Address of Applicant :Austrasse 15 FL-9495 Triesen
Liechtenstein Germany

2)Rainer Klopp

(72)Name of Inventor :

1)Peter Gleim

2)Rainer Klopp

(57) Abstract :

The apparatus consists of a pulse generator a control device and a field generating device which jointly generate a pulsed electromagnetic field wherein series of pulses that have specific intensities and are applied at specific intervals and at different frequencies influence the pulsation of the field thus making it possible to cause stimulating effects on homeostatic autoregulatory mechanisms in the organism. The pulsed electromagnetic field of the invention achieves greater changes in characteristics and significantly longer decay times than previously known electromagnetic fields. The long-term effectiveness can thereby be prolonged up to ten fold.

No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2270/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : INFORMATION UPDATE SYSTEM

(51) International classification	:G06Q50/00	(71) Name of Applicant : 1)YAMAKAWA Takashi Address of Applicant :12-26 Kamariyanishi 2-chome Kanazawa-ku Yokohama-shi Kanagawa-236-0046 Japan
(31) Priority Document No	:2009-188596	
(32) Priority Date	:17/08/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/060124	
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	

(57) Abstract :

An object of the present invention is to provide a novel information management program or system for mutually distributing and managing information limited by an information provider in terms of target for disclosure for example personal contact information such as contact information and private messages. A storage medium of a center system stores therein personal self-information a receivers list and a senders list as user information and personal contact information on other person as a sender^{TMs} personal contact information database for each user and the information processing device when personal self-information stored in the storage medium is input or changed by a user checks whether or not the user is registered for a sender on a senders list on each receiver for each receiver registered in a receivers list on the user and only for the registered receiver writes at least some of the input or changed personal

No. of Pages : 67 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2291/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHODS FOR IMPROVED SERVER REDUNDANCY IN DYNAMIC NETWORKS

(51) International classification	:G06F11/16
(31) Priority Document No	:12/585,576
(32) Priority Date	:18/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048378
Filing Date	:10/09/2010
(87) International Publication No	:WO 2011/034785 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)ALCATEL LUCENT

Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France

(72)Name of Inventor :

1)MILLER, RAYMOND, B.

2)GRINSHPUN, EDWARD

(57) Abstract :

In one embodiment, a server (106) is assigned a candidate secondary server role such that the dynamic network (1000) employs a make-before-break redundancy where redundant nodes proactively synchronize replicated data and state information with a standby secondary server prior to releasing the responsibilities of active primary (102) and/or secondary (104) server(s). The make-before-break redundancy ensures relatively high availability of dynamic networks and realized services.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2310/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND DEVICE FOR RANK ADAPTATION

(51) International classification	:H04W28/18
(31) Priority Document No	:200910168088.7
(32) Priority Date	:19/08/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/070888
Filing Date	:05/03/2010
(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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3)Liping LIU

4)Xianxi LI

5)Juanjuan LIU

6)Liang LI

(57) Abstract :

The present invention discloses a method and apparatus for rank self-adaptation. The method comprises: a base station receiving ranks reported by a user equipment via a rank receiving window determining a rank at the current moment based on a distribution state of each rank in the rank receiving window at the current moment and determining the number of independent channels used for sending downstream data to the user equipment based on the rank at the current moment. The present invention can reasonably forecast change of ranks of MIMO channels so as to better use MIMO channel resources to perform data transmission and improve the throughput rate of the MIMO channels.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2311/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : ANAESTHESIA AND CONSCIOUSNESS DEPTH MONITORING SYSTEM

(51) International classification	:A61B5/04	(71) Name of Applicant :
(31) Priority Document No	:2009903805	1)BURTON David Address of Applicant :62 Broadway Camberwell VIC 3124 Australia
(32) Priority Date	:14/08/2009	
(33) Name of priority country	:Australia	
(86) International Application No	:PCT/AU2010/001050	(72) Name of Inventor :
Filing Date	:13/08/2010	1)BURTON David
(87) 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 (per Error! Reference source not found.;overview) consists of a method and system incorporating non-linear dynamic (NLD) analysis such as entropy or other complexity analysis monitoring continuous (Error! Reference source not found.; E;F) or evoked signals from a biological subject (Error! Reference source not found.; A) where such a system comprises of processing steps including: a) the combination of a biological signal evoked as a result of patient stimulation (Error! Reference source not found.;B;C) presented to a biological subject and a non-linear analysis method capable of capturing temporal changes in signal order or regularity;

No. of Pages : 62 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2309/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND DEVICE FOR DETECTING VALIDATION OF ACCESS CONTROL LIST

(51) International classification	:H04L12/56
(31) Priority Document No	:200910092961.9
(32) Priority Date	:17/09/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/076326
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

(71)Name of Applicant :

1)ZTE CORPORATION

Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China

(72)Name of Inventor :

1)Feng GAO

2)Jiangwei LI

(57) Abstract :

A method for detecting validation of an Access Control List (ACL) is disclosed in the present invention, when an action part of an ACL rule is performed each time, a counter attached to the currently performed ACL rule is started in accordance with an attachment mode, wherein the counter counts in accordance with a preset counting mode; whether the ACL rule takes effect or not is judged according to whether there is a count value or not by reading the count value stored in the counter. An apparatus for detecting validation of an ACL is also disclosed in the present invention. The apparatus can implement neither increasing the network load nor impacting the safety of a Central Processing Unit (CPU) in a device while judging whether an ACL rule takes effect or not. In addition, the method for judging whether an ACL rule takes effect or not by checking a count value is relatively simple, and can accelerate positioning of a fault in a network.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2330/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : AIR CONDITIONER

(51) International classification	:F24F 13/06	(71) Name of Applicant : 1)SHARP KABUSHIKI KAISHA Address of Applicant :22-22 Nagaike-cho Abeno-ku Osaka-shi Osaka 545-8522 Japan
(31) Priority Document No	:2009-211759	
(32) Priority Date	:14/09/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/061685	
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	

(57) Abstract :

In an air conditioner an air flow guide panel (20) and a speaker (21) are provided in a vicinity of an outlet (5). The air flow guide panel (20) is operable to form a duct-like outlet passage (10) in the vicinity of the outlet (5) and in the duct-like outlet passage (10) a speaker (21) radiates a sound wave for canceling out operation noise including blower sound of a fan (7).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2331/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR CONVERSION BETWEEN SIP MESSAGE AND ISUP MESSAGE AND CONVERSION APPARATUS

(51) International classification	:H04L 29/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2009/073907
Filing Date	:14/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALCATEL LUCENT

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

(72)Name of Inventor :

1)WANG Tao

(57) Abstract :

A method for conversion between SIP message and ISUP message for number portability service and corresponding conversion apparatus are provided. In the method for converting the ISUP message into the SIP message, the ISUP message is received and parameters related to number portability are read from the ISUP message, a number portability type is determined according to the parameters related to number portability, and the parameters related to number portability are mapped into the SIP message based on the number portability type. The SIP message includes: destination address parameter, which represents destination user number; npdi parameter, which indicates execution of the number portability dip and uniquely identifies the number portability type; and rn parameter, which represents the number to be routed to the destination user number. The conversion apparatus for converting ISUP message into SIP message and the method for converting SIP message into ISUP message and corresponding conversion apparatus are also provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2332/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : POLYMERS COMPRISING UNITS DERIVED FROM ETHYLENE AND POLY(ALKOXIDE)

(51) International classification	:C08F 283/06
(31) Priority Document No	:61/242,133
(32) Priority Date	:14/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048821
Filing Date	:14/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)**Dow Global Technologies LLC**

Address of Applicant :2040 Dow Center Midland Michigan
48674 U.S.A.

(72)Name of Inventor :

1)**DEMIRORS Mehmet**

2)**KARJALA Teresa P.**

3)**OSBY John O.**

4)**BERBEE Otto J.**

(57) Abstract :

A polymer comprises units derived from ethylene and poly(alkoxide) the polymer having at least 0.15 units of amyl groups per 1000 carbon atoms as determined by 13C Nuclear Magnetic Resonance (NMR).

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.2333/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : OPERATIONAL NOISE CONTROL METHOD FOR AIR CONDITIONER

(51) International classification	:F24F 11/02	(71) Name of Applicant : 1)SHARP KABUSHIKI KAISHA Address of Applicant :22-22 Nagaike-cho Abeno-ku Osaka-shi Osaka 545-8522 Japan
(31) Priority Document No	:2009-211743	
(32) Priority Date	:14/09/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/061686	
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	

(57) Abstract :

An operation noise control method for an air conditioner includes: a step (S1) of detecting an operation mode of the air conditioner; a step (S2) of operating an air flow guide panel (20) in accordance with the detected operation mode and controlling the air flow guide panel (20) so as to form a duct-like outlet passage (10) in a vicinity of an outlet (5); a step (S3) of selecting a sound wave which is preset in accordance with the operation mode; and a step (S4) of radiating the selected sound wave in the duct-like outlet passage (10) from a speaker (21).

No. of Pages : 76 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2312/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : UPLINK SDMA TRANSMIT OPPORTUNITY SCHEDULING

(51) International classification	:H04W74/08
(31) Priority Document No	:61/245,145
(32) Priority Date	:23/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/050053
Filing Date	:23/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)WENTINK Maarten Menzo

(57) Abstract :

Certain aspects of the present disclosure present medium access control (MAC) protocols for uplink Spatial Division Multiple Access (SDMA) transmissions by one or more stations (STAs). An access point (AP) may receive one or more requests for uplink SDMA transmission from a plurality of stations. The access point may schedule the transmissions by sending a signal to the stations to notify them of the parameters of the uplink SDMA transmissions such as start time duration of the transmission spatial streams assigned to each station and so on.

No. of Pages : 37 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2334/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : A METHOD FOR SCHEDULING TRANSMISSIONS BETWEEN A BASE STATION AND USER TERMINALS A BASE STATION AND A COMMUNICATION NETWORK THEREFOR

(51) International classification	:H04W 48/12	(71) Name of Applicant : 1)ALCATEL LUCENT Address of Applicant :3 avenue Octave Grard F-75007 Paris France
(31) Priority Document No	:09305836.0	
(32) Priority Date	:14/09/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2010/061496	
Filing Date	:06/08/2010	
(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	

(57) Abstract :

The invention concerns method for scheduling transmissions between a base station (BS) and user terminals (US) by sending scheduling grants on physical downlink control channels in a subframes with a dedicated amount of control channel elements for each physical downlink control channel wherein priorities of said transmissions between the base station (Es) and the user terminals (US) are determined based on the dedicated amount of control channel elements for each physical downlink control channel and the transmissions between the base station (BS) and the user terminals (US) are scheduled in the order of said priorities a base station and a communication network therefor.

No. of Pages : 37 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.2335/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : POLYMERS COMPRISING UNITS DERIVED FROM ETHYLENE AND POLYALKENE

(51) International classification	:C08F 255/10
(31) Priority Document No	:61/242,137
(32) Priority Date	:14/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048824
Filing Date	:14/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)**Dow Global Technologies LLC**

Address of Applicant :2040 Dow Center Midland Michigan
48674 U.S.A.

(72)Name of Inventor :

1)**DEMIRORS Mehmet**

2)**KARJALA Teresa P**

3)**OSBY John O.**

4)**BERBEE Otto J.**

5)**DEN DOELDER Cornelis**

(57) Abstract :

A polymer comprises units derived from ethylene and polyalkylene the polymer having at least 0.15 units of amyl groups per 1000 carbon atoms as determined by 13C Nuclear Magnetic Resonance (NMR).

No. of Pages : 47 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.2336/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : LIGHTING DEVICE DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:F21S 2/00	(71) Name of Applicant : 1)SHARP KABUSHIKI KAISHA Address of Applicant :22-22 Nagaike-cho Abeno-ku Osaka-shi Osaka 545-8522 Japan
(31) Priority Document No	:2009-213494	
(32) Priority Date	:15/09/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/061772	
Filing Date	:12/07/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lighting device includes a hot cathode tube 17 and a chassis 14 housing the hot cathode tube 17. The hot cathode tube 17 includes a glass tube 17a and a filament 17d arranged inside the glass tube 17a. An end-wall section 60 on one end of the glass tube 17a in the axial direction thereof has an exhaust pipe 64 projecting from the end-wall section 60 so as to be away from the filament 17d. A sealed section 65 of the exhaust pipe 64 is arranged outside the chassis 14 and the linear distance N1 between the filament 17d and the sealed section 65 of the exhaust pipe 64 is set greater than the greatest linear distance N2 between the filament 17d and the end-wall section 60.

No. of Pages : 94 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.2337/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : LIGHTING DEVICE DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:F21S 2/00	(71) Name of Applicant : 1)SHARP KABUSHIKI KAISHA Address of Applicant :22-22 Nagaike-cho Abeno-ku Osaka-shi Osaka 545-8522 Japan
(31) Priority Document No	:2009-213479	
(32) Priority Date	:15/09/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/061765	
Filing Date	:12/07/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lighting device includes a hot cathode tube 17 a chassis 14 housing the hot cathode tube 17 and an inverter board 26 configured to supply driving power to the hot cathode tube 17. The hot cathode tube 17 has a glass tube 17a a filament 17d arranged inside the glass tube 17a and a ferrule 17b connecting the filament 17d and the inverter board 26 to each other. The ferrule 17b is exposed to the outside of the chassis 14. The lighting device further includes a heat dissipation member 50 configured to dissipate heat from the glass tube 17a to the chassis 14. The heat dissipation member 50 is provided between the glass tube 17a and the chassis 14 and is in contact with the outer circumferential surface of the glass tube 17a at a portion between the filament 17d and the ferrule 17b.

No. of Pages : 75 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2303/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : INTERCONNECTED COPOLYMERS OF ETHYLENE IN COMBINATION WITH AT LEAST ONE POLYSILOXANE

(51) International classification	:C08F 283/12
(31) Priority Document No	:61/242,127
(32) Priority Date	:14/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/048818
Filing Date	:14/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)**Dow Global Technologies LLC**

Address of Applicant :2040 Dow Center Midland Michigan
48674 U.S.A.

(72)Name of Inventor :

1)**DEMIRORS Mehmet**

2)**KARJALA Teresa P.**

3)**OSBY John O.**

(57) Abstract :

The invention provides a polymer comprising units derived from ethylene and siloxane polymer having at least 0.15 units of amyl groups per 1000 carbon atoms as determined by 13C Nuclear Magnetic Resonance (NMR).

No. of Pages : 54 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2304/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : USE OF THERMOPLASTIC ELASTOMER TO INCREASE OXYGEN SCAVENGER ACTIVITY OF FUNCTIONALIZED POLYOLEFIN FILMS

(51) International classification	:C08K3/00
(31) Priority Document No	:09167986.0
(32) Priority Date	:17/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/061800
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 :

1)**BASF SE**

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)**MENOZZI Edoardo**

2)**GALFRE Enrico**

(57) Abstract :

Use of thermoplastic elastomer to increase oxygen scavenger activity of functionialized polyolefin films An oxygen-scavenging composition comprising (I) an oxidizable metal component (II) an electrolyte component (III) a non-electrolytic acidifying component and (IV) a copolyester or copolyamide thermoplastic elastomer.

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2321/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR LIQUEFYING A FLUID AND STORING THE LIQUEFIED FLUID

(51) International classification	:F17C
(31) Priority Document No	:61/246558
(32) Priority Date	:29/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/053888
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

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

- 1)DICKERSON Brian Edward
- 2)BLAIR Jeremy Webster
- 3)BROUQUEYRE Laurent
- 4)WHITCHER Douglas Adam

(57) Abstract :

A Dewar system is configured to liquefy a flow of fluid and to store the liquefied fluid. The Dewar system is disposed within a single portable housing. Disposing the components of the Dewar system within the single housing enables liquefied fluid to be transferred between a heat exchange assembly configured to liquefy fluid and a storage assembly configured to store liquefied fluid in an enhanced manner. In one embodiment the flow of fluid liquefied and stored by the Dewar system is oxygen (e.g. purified oxygen) nitrogen and/or some other fluid.

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2338/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESSES FOR PRODUCING SILK DOPE•

(51) International classification	:C07K 1/1	(71) Name of Applicant :
(31) Priority Document No	:61/237,156	1)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
(32) Priority Date	:26/08/2009	Address of Applicant :Limestone Avenue Campbell Australian Capital Territory 2612 Australia
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/AU2010/001095	1)SUTHERLAND Tara D.
Filing Date	:25/08/2010	2)HARITOS Victoria S.
(87) International Publication No	: NA	3)SRISKANTHA Alagacone
(61) Patent of Addition to Application Number	:NA	4)WEISMAN Sarah
Filing Date	:NA	5)HUSON Michael George
(62) Divisional to Application Number	:NA	6)CHURCH Jeffrey Scott
Filing Date	:NA	

(57) Abstract :

The present invention relates to methods of producing silk dope comprising silk proteins with a coiled-coil structure such as honeybee silk proteins. The silk proteins are obtained from cells producing them solubilising the proteins by contacting them with a surfactant or an ionic liquid and concentrating the proteins to produce silk dope. The proteins can be used for a variety of purposes such as in the production of personal care products plastics textiles and biomedical products.

No. of Pages : 172 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.2353/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : INTERVERTEBRAL IMPLANT HAVING EXTENDABLE BONE FIXATION MEMBERS

(51) International classification	:A61F 2/46	(71) Name of Applicant :
(31) Priority Document No	:61/243,297	1)SYNTHES GmbH
(32) Priority Date	:17/09/2009	Address of Applicant :Eimattstrasse 3 CH-4436 Oberdorf
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2010/049287	(72) Name of Inventor :
Filing Date	:17/09/2010	1)BRETT Darrell C.
(87) 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 intervertebral implant is configured to be fixed in an intervertebral space defined by a first vertebral body and a second vertebral body. The intervertebral implant includes an implant body sized to be inserted into an intervertebral space, and a fixation assembly configured to be attached to the implant body. The fixation assembly includes a housing that defines a first vertebral body facing surface and a second vertebral body facing surface spaced from the first vertebral body facing surface along a transverse direction. The fixation assembly further includes at least one fixation member supported by the housing and movable from a retracted position to an extended position, whereby in the extended position the fixation member extends out from the housing and into one of the vertebral bodies.

No. of Pages : 79 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2354/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : STEER CORRECTION FOR A REMOTELY OPERATED MATERIALS HANDLING VEHICLE

(51) International classification	:G05D1/02	(71) Name of Applicant :
(31) Priority Document No	:61/234,866	1)Crown Equipment Corporation Address of Applicant :40 South Washington Street New
(32) Priority Date	:18/08/2009	Bremen Ohio 45869 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2009/069833	1)CASTANEDA Anthony T. 2)MCCROSKEY William N. 3)SCHLOEMER James F. 4)SCHUMACHER Mark E. 5)SIEFRING Vernon W. 6)WELLMAN Timothy A.
Filing Date	:30/12/2009	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A materials handling vehicle automatically applies a steer correction maneuver if an object is detected in a steer bumper zone in front of the vehicle. A controller detects whether an object is in front of the materials handling vehicle and automatically determines whether a steer correction maneuver should be to the right or left of the traveling direction of the materials handling vehicle. The materials handling vehicle automatically steer corrects the vehicle e.g. at a determined steer angle that is opposite the direction to the detected position of the object and accumulates the distance traveled by vehicle while steer correction is being performed.

No. of Pages : 52 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.2340/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : COMPOSITIONS COMPRISING ENZYME-CLEAVABLE KETONE-MODIFIED OPIOID PRODRUGS AND OPTIONAL INHIBITORS THEREOF•

(51) International classification	:A61P 25/00
(31) Priority Document No	:61/240,611
(32) Priority Date	:08/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031956
Filing Date	:21/04/2010
(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)PHARMACOFORE INC.

Address of Applicant :75 Shoreway Road Suite D San Carlos California 94070 United States of America

(72)Name of Inventor :

1)JENKINS Thomas E.

2)HUSFELD Craig O.

3)SEROOGY Julie D.

4)WRAY Jonathan W.

(57) Abstract :

A method of providing a patient with controlled release of ketone-containing opioid using a prodrug capable upon enzymatic activation and intramolecular cyclization of releasing the ketone-containing opioid is disclosed. The disclosure also provides such prodrug compounds and pharmaceutical compositions comprising such compounds. Such pharmaceutical compositions can optionally include an enzyme inhibitor that interacts with the enzyme(s) to mediate the enzymatically-controlled release of the ketone-containing opioid from the prodrug so as to modify enzymatic cleavage of the prodrug. Also included are methods to use such compounds and pharmaceutical compositions.

No. of Pages : 213 No. of Claims : 103

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2341/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : INTEGRATED ENHANCED OIL RECOVERY PROCESS•

(51) International classification	:E21B43/16	(71) Name of Applicant :
(31) Priority Document No	:61/252,933	1)GREATPOINT ENERGY INC.
(32) Priority Date	:19/10/2009	Address of Applicant :222 Third Street Suite 2163 Cambridge Massachusetts 02142 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2 10/053030	1)PRESTON William E.
Filing Date	:18/10/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an enhanced oil recovery process that is integrated with a synthesis gas generation process such as gasification or methane reforming involving combined capture and recycle of carbon dioxide from both processes.

No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.2356/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND DEVICE FOR VERIFYING DYNAMIC PASSWORD

(51) International classification	:H04L 29/06	(71) Name of Applicant :
(31) Priority Document No	:200910091621.4	1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
(32) Priority Date	:26/08/2009	Address of Applicant :Room 403 East Block 2 SEG Park
(33) Name of priority country	:China	Zhenxing Road Futian District Shenzhen City 518044
(86) International Application No	:PCT/CN2010/075009	Guangdong Province PRC China
Filing Date	:06/07/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)LIN Huibao
(61) Patent of Addition to Application Number	:NA	2)QIAN Zhijian
Filing Date	:NA	3)HU Xusheng
(62) Divisional to Application Number	:NA	4)LIU Ruiqiang
Filing Date	:NA	

(57) Abstract :

The examples of the present invention provide a method and device for verifying a dynamic password. In the method and device some algorithm parameters can be exchanged in public by using a DH algorithm and thus a same key is shared safely between two entities so as to implement the verification of the dynamic password and further improve the security of identity verification. Moreover the method and device can be easy to use. Further by the above technical solution no message exchange is needed between a mobile device and a verification server and a user does not need to pay for additional flux so as to decrease the burden of the user and verification costs

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2357/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : A COMPONENT ESPECIALLY A CONTROL ARM FOR A VEHICLE

(51) International classification	:B21D 19/08	(71) Name of Applicant :
(31) Priority Document No	:10 2009 041 478.9	1)MAGNA INTERNATIONAL INC.
(32) Priority Date	:14/09/2009	Address of Applicant :337 Magna Drive Aurora Ontario
(33) Name of priority country	:Germany	L4G 7K1 Canada
(86) International Application No	:PCT/EP2010/005623	(72) Name of Inventor :
Filing Date	:14/09/2010	1)LINDTNER Ernst
(87) International Publication No	: NA	2)SCHELLNEGGER Josef
(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 component especially a control arm for a vehicle comprising a base wall and a passage extending away from the base wall especially a control arm lug. The invention further relates to a method for producing said component. According to the invention a deep-drawn contour which connects one side of a base wall to an inner contour of a passage is shortened in the longitudinal direction of the passage by upsetting.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2358/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : MODIFIED REFRACTIVE INDEX PROFILE FOR LOW-DISPERSION MULTI-MODE FIBER

(51) International classification	:G02B 6/028
(31) Priority Document No	:61/235,236
(32) Priority Date	:19/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046007
Filing Date	:19/08/2010
(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)PANDUIT CORP.

Address of Applicant :18900 Panduit Drive Tinley Park IL
60487 U.S.A.

(72)Name of Inventor :

1)TUDURY Gaston E.

2)PIMPINELLA Richard J.

(57) Abstract :

An improved multimode fiber optic cable is provided. The improved multimode fiber optic cable includes, but is not limited to, a refractive index profile which is designed to compensate for a radially dependent wavelength distribution of laser launch modes coupled into the multimode fiber optic cable in order to minimize modal dispersion within the multimode fiber optic cable.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.2359/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SUBSTITUTED ALKYNYL PHENOXY COMPOUNDS AS NEW SYNERGISTS IN PESTICIDAL COMPOSITIONS

(51) International classification	:A01N 43/08	(71) Name of Applicant :
(31) Priority Document No	:09168083.5	1)ENDURA S.p.A.
(32) Priority Date	:18/08/2009	Address of Applicant :Viale Pietramellara 5 I-40121
(33) Name of priority country	:EPO	Bologna Italy
(86) International Application No	:PCT/EP2010/062019	2)ROTHAMSTED RESEARCH LTD
Filing Date	:18/08/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)BORZATTA Valerio
(61) Patent of Addition to Application Number	:NA	2)CAPPARELLA Elisa
Filing Date	:NA	3)MORONI Leni
(62) Divisional to Application Number	:NA	4)MOORES Graham
Filing Date	:NA	5)PHILIPPOU Despina

(57) Abstract :

A composition comprising an alkynyl phenoxy compound of Formula (I) as a synergist and a pesticidal active ingredient is described wherein R1 and R2 similar or different are (C1-C4)alkyl or R1O- and R2O- together represent a group -O-CH2-O- - O-CH(CH3)-O -O-CH2-CH2-O- -O-CH2-CH2- R3 is (C1-C6)alkyl (C3-C6)alkenyl or B-(CH2-CH2-O)z-R6 where B is -CH2-O- or O- z is 0 1 or 2 and R6 is (C1-C4)alkyl;R4 is hydrogen or methyl;R5 is hydrogen or methyl;x is an integer from 1 to 2; y is 0 1 or 2; with the proviso that when R3 is B-(CH2-CH2-O)z-R6 y is 1 and 5-(propargyloxy)-benzo[1 3]dioxole is excluded.

No. of Pages : 53 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.2348/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SMART SET-TOP BOX AND OPERATING METHOD FOR SMART SERVICE AND DIGITAL TELEVISION SERVICE USING SINGLE OPERATING SYSTEM

(51) International classification	:H04N 21/40	(71) Name of Applicant :
(31) Priority Document No	:10-2011-0008397	1)LG CNS CO. LTD.
(32) Priority Date	:27/01/2011	Address of Applicant :10-1 Hoehyeon-dong 2-ga Jung-gu Seoul 100-052 Republic of Korea
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor :
(86) International Application No	:PCT/KR2012/000627	1)SU KYOUNG CHOI 2)GUN HO HONG 3)WON EY LEE 4)MIN WOOK PARK
Filing Date	:27/01/2012	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A smart set-top box (STB) that provides a smart service and a digital television (DTV) service using a single operating system may be provided. The STB may load applications designed based on an application programming interface (API) of a framework corresponding to the operating system may load a DTV stack including a DTV service function and a security service function and may allow communication between at least one of the applications and the DTV stack when the at least one of the applications uses a binder driver included in a kernel of the operating system so as to access the DTV service function included in the DTV stack.

No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2350/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : WIDEBAND DIGITAL TO ANALOG CONVERTER WITH BUILT-IN LOAD ATTENUATOR

(51) International classification	:H03M1/74	(71) Name of Applicant :
(31) Priority Document No	:61/247,424	1)QUALCOMM INCORPORATED
(32) Priority Date	:30/09/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/051007	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:30/09/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2011/041612 A1	1)DONGWON SEO
(61) Patent of Addition to Application Number	:NA	2)GANESH SARIPALLI
Filing Date	:NA	3)TONGYU SONG
(62) Divisional to Application Number	:NA	4)SHAHIN MEHDIZAD TALEIE
Filing Date	:NA	5)DERUI KONG

(57) Abstract :

A circuit for digital-to-analog conversion is described. The circuit includes a digital-to-analog converter (DAC). The DAC includes a double cascaded current source and a differential current-mode switch (DCMS). The circuit further includes a direct current (DC) offset stage. The circuit also includes a load attenuator. The double cascaded current source may be between the DCMS and a rail voltage.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.2365/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SILICONE REPLACEMENTS FOR PERSONAL CARE COMPOSITIONS

(51) International classification	:A61K8/81	(71) Name of Applicant : 1)UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC Address of Applicant :2020 DOW CENTER, MIDLAND, MI 48674 U.S.A.
(31) Priority Document No	:61/242,495	
(32) Priority Date	:15/09/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/048863	
Filing Date	:15/09/2010	
(87) International Publication No	:WO 2011/034878 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described are personal care compositions, comprising an aqueous dispersion comprising a metallocene catalyzed polyolefin and an ethylene acrylic acid copolymer; a cationic polymer; and a least one cosmetically acceptable surfactant, emollient, or cosmetic active, provided that the personal care composition contains less than 0.09 wt % of silicone, and preferably is substantially free of silicone.

No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.2367/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : LOCKING CAP FOR A VESSEL HAVING A NECK

(51) International classification	:B65D45/32	(71) Name of Applicant :
(31) Priority Document No	:09/56337	1)A. RAYMOND ET CIE
(32) Priority Date	:15/09/2009	Address of Applicant :115, COURS BERRIAT, F-38000 GRENOBLE France
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/061982	1)GELIBERT, STEPHANE
Filing Date	:17/08/2010	2)BELLE, GUILLAUME
(87) International Publication No	:WO 2011/032798	
	A1	
(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 locking cap (1) made of a molded plastic material for a vessel (2) having a neck, intended for blocking a stopper (4) in said neck (3), including a wire-cap (6) adapted for surrounding the stopper (4) and the neck in the mounted configuration of the cap (1). The wire-cap includes first and second flexible tabs capable of being respectively blocked on the neck and on the stopper (4), said first tabs (8) being offset relative to said second tabs (9) in an axial direction relative to said neck (3). The cap (1) also includes a ring (7) surrounding the wire-cap (6) for preventing access to said tabs from outside the ring (7). The ring (7) and the wire-cap (6) are designed so as to be fined and locked together. The tabs (8, 9) of the wire-cap are respectively arranged at an angle in first and second openings (13, 14) which are formed by the mesh of the wire-cap (6), and in which the tabs (8, 9) can disappear when mounting the cap (1) on the neck (3).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.2384/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PUN TUAL STIMULATION DEVICE•

(51) International classification	:A61N 1/36	(71)Name of Applicant :
(31) Priority Document No	:GM 572/2009	1)MEDIZINISHE UNIVERSIT,T WIEN
(32) Priority Date	:14/09/2009	Address of Applicant :Spitalgasse 23 A-1090 Wien Austria
(33) Name of priority country	:Austr lia	(72)Name of Inventor :
(86) International Application No	:PCT/IB2010/002261	1)SZELES Josef Constantin
Filing Date	:13/09/2010	
(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	

(57) Abstract :

The invention relates to a device for the punctual stimulation of the nerve endings located in the region of the ears, said device having a battery-powered therapeutic current generator (3) arranged in a housing (4) which is to be worn in the region of the ear, and said generator supplying a low frequency therapeutic current. The therapeutic current generator (3) has a plurality of output channels (9a, 9b, 9c), wherein each output channel is associated with its own stimulation electrode (6a, 6b, 6c), and these output channels are connected to a micro-computer circuit (10) on the input side. Each output channel (9a, 9b, 9c) contains an amplifier (15a, 15b, 15c), controlled by a digital-analogue converter (12) and designed for bipolar output signals. A control signal is preferably fed to the amplifiers (15a, 15b, 15c), said signal causing current strength and stimulation voltage behaviour in the output circuit of the respective amplifier (15a, 15b, 15c), said behaviour adapting to the resistance value in said circuit and corresponding to $I = k \cdot R \cdot U = k \cdot R_2$, in which k is a selectable constant. In addition, three output channels are preferably provided, each associated with its own stimulation electrode, and during the periods of current flow, the therapeutic current fed to each stimulation electrode (6a, 6b, 6c) is compensated each time with regard to the intensity and polarity by the therapeutic currents being fed to the other stimulation electrodes (6a, 6b, 6c).

No. of Pages : 44 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.2345/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : TRANSPORTATION CARD HAVING NATIONALLY-COMPATIBLE FUNCTION

(51) International classification	:G06K19/073	(71) Name of Applicant :
(31) Priority Document No	:10-2009-0088749	1)KOREA INSTITUTE OF CONSTRUCTION & TRANSPORATATION TECHNOLOGY EVALUATION AND PLANNING
(32) Priority Date	:18/09/2009	Address of Applicant :SHINGCHANG B/D, 1600, KWANYANG-DONG, DONGAN-GU, ANYANG-SI, GYEONGGIDO 431-060 Republic of Korea
(33) Name of priority country	:Republic of Korea	
(86) International Application No	:PCT/KR2009/005679	(72) Name of Inventor :
Filing Date	:05/10/2010	1)LEE, KI HAN
(87) International Publication No	:WO 2011/034232 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a transportation card having a nationally-compatible function. According to the present invention, the transportation card comprises a card operating system. The card operating system has a tree structure of a directory structure including a dedicated file (DF) and an element file (EF), wherein the dedicated file (DF) is added with an ADF which is called Config DF for the compatibility with each company so that the information on the compatible ADF for transportation is stored, and that the stored information is provided to the outside during transactions, and farther the dedicated file includes an essential file capable of storing additional information that includes at least transfer information and entrance information. The card operating system recognizes the Config DF from a terminal, and performs payment transactions for an existing card on the basis of the recognized result after a nationally-compatible transportation card or the existing card is recognized, or performs payment transactions on a standard card for the nationally-compatible transportation card on the basis of the additional information. During the payment transactions on the existing card, the card operating system delivers keys of key transmission cards received from other electronic cash companies to an SAM for issuing a payment SAM, so that the SAM for issuing the payment SAM provides the keys to a payment SAM for the nationally-compatible transportation card whereby the existing keys issued from the payment SAM for the nationally-compatible transportation card and the keys for other electronic cash companies are issued en bloc. Therefore, the invention allows transportation cards to be compatible on a nationwide scale.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.2377/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : COMPUTER PROGRAM FOR GENERATING 1-BIT IMAGE DATA FROM MULTIPLE-BIT IMAGE DATA

(51) International classification	:H04N1/405	(71) Name of Applicant : 1)CAVE, ANDREW, WILLIAM, PETER Address of Applicant :WHITEHALL HOUSE, LONGSTANTON ROAD, OAKINGTON, CAMBRIDGE CB24 3BB U.K.
(31) Priority Document No	:0915976.5	
(32) Priority Date	:11/09/2009	
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/GB2010/001701	
Filing Date	:09/09/2010	
(87) International Publication No	:WO 2011/030101 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer program for, or method of, generating 1-bit image data from multiple-bit image data, by a process which comprises the steps of: receiving multiple-bit image data comprising multiple-bit pixel values; and deriving from the multiple-bit pixel values 1-bit image data comprising on and off pixel values, each pixel value of the 1-bit image data corresponding to a pixel of an output medium, which pixel an output device would attempt to mark when printing the 1-bit image data if the pixel value were on, the 1-bit image data producing when printed an image constituted by dots, each dot corresponding to a plurality of pixel values of the 1-bit image data, which pixel values correspond to a block of MN horizontally and/or vertically adjacent pixels of an output medium, at least one of M and N being greater than one, wherein for at least some of the dots, where M or N is equal to one, a pixel value corresponding to a first or last pixel of a row of horizontally adjacent pixels, or to a first or last pixel of a column of vertically adjacent pixels, is off, and where both M and N are greater than one, at least one pixel value corresponding to a pixel of a first or last row of horizontally adjacent pixels is off and/or at least one pixel value corresponding to a pixel of a first or last column of vertically adjacent pixels is off.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.2390/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : HANDY TERMINAL AND PAYMENT METHOD TO BE USED IN SAME

(51) International classification	:G07G 1/12	(71) Name of Applicant :
(31) Priority Document No	:2009-256218	1)NEC Infrontia Corporation
(32) Priority Date	:09/11/2009	Address of Applicant :2-6-1 Kitamikata Takatsu-ku Kawasaki-shi Kanagawa Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/069754	1)KOMIYAMA Tsuyoshi
Filing Date	:05/11/2010	
(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	

(57) Abstract :

There is provided a handy terminal in which inputting of an application program and of a PIN is executed and a keyboard and a display device are commonly used thus security is secured with a simple system. A card reader control program 23b in the keyboard unit memory 23 detects an insertion state of a credit card and notifies a detected key cord from the keyboard control program 23a to a payment program on the main board 2. A main CPU 12 calculates a program hash value provided to the payment program and a program hash value at the time of execution of a payment program 11b and encrypts and decrypts these hash values using a secret key encrypted key and public key so that these hash values are not stolen.

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2391/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : LIGHTING DEVICE DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:F21S 2/00	(71) Name of Applicant : 1)SHARP KABUSHIKI KAISHA Address of Applicant :22-22 Nagaike-cho Abeno-ku Osaka-shi Osaka 545-8522 Japan
(31) Priority Document No	:2009-215036	
(32) Priority Date	:16/09/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/063977	
Filing Date	:19/08/2010	
(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	

(57) Abstract :

An object of the invention is to reduce uneven brightness in a backlight unit. A backlight unit 12 includes a hot cathode tube 17, a chassis 14, a diffuser plate 30, and a reflection sheet 20. The chassis 14 includes a bottom plate 14a disposed on a side opposite to a light output side of the hot cathode tube 17 and houses the hot cathode tube 17. The diffuser plate 30 included in an optical member 15 is disposed more to the light output side than the hot cathode tube 17. The reflection sheet 20 is configured to reflect light and disposed in the chassis 14. The reflection sheet 20 includes rising portions 20b rising from a side close to the bottom plate 14a toward a side close to the diffuser plate 30 configured to reflect light. The rising portions 20b rise stepwise and include at least first rising sections 25 with base ends on the bottom plate 14a and second rising sections 26 with distal ends reaching the diffuser plate 30. Each second rising section 26 and the diffuser plate 30 form an angle 02 larger than an angle 91 between each first rising section 25 and the bottom plate 14a.

No. of Pages : 146 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2392/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : DEVICE FOR DETECTING THE POSITION OF A SHIFT AND/OR SELECTOR LEVER FOR A TRANSMISSION AND SHIFT DEVICE FOR THE TRANSMISSION OF A MOTOR VEHICLE

(51) International classification	:F16H 61/24	(71) Name of Applicant : 1)ECS Engineered Control Systems AG Address of Applicant :Industriestrasse 10 CH-9015 St.
(31) Priority Document No	:10 2009 053 873.9	Gallen Switzerland
(32) Priority Date	:20/11/2009	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)UHLENBRUCK Falk
(86) International Application No	:PCT/EP2010/067679	
Filing Date	:17/11/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a device (100) for detecting the position of a gearshift lever and/or selector lever (1) for a transmission, comprising a signal-generating element (2.1; 2.2) that can be moved together with the gearshift lever and/or selector lever (1), and comprising, as the measuring transducer, at least one sensor element (3, 4) that detects the signal from the signal-generating element (2.1; 2.2). It is provided that a locking means (5) for the gearshift lever and/or selector lever (1) is associated with the signal-generating element (2.1; 2.2), and that the sensor element (3, 4) delivers, as the measured value, an analog signal (S1, S2) that is dependent on the plus-minus sign. The invention also relates to a shifting device (200) for a transmission, especially for use in a motor vehicle, having a device (100) for detecting the position of a gearshift lever and/or selector lever (1).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.2393/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A METHOD FOR EXTENDING THE PRODUCTION TIME OF A PASTEURISER

(51) International classification	:A23C 3/033	(71) Name of Applicant : 1)Tetra Laval Holdings & Finance S.A Address of Applicant :Avenue Gnral-Guisan 70 CH-1009 Pully Switzerland
(31) Priority Document No	:0901184-2	
(32) Priority Date	:15/09/2009	
(33) Name of priority country	:Sweden	
(86) International Application No	:PCT/SE2010/000223	(72) Name of Inventor : 1)LEUFSTEDT Max
Filing Date	:14/09/2010	
(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	

(57) Abstract :

The invention relates to a method for preventing the formation of biofilms in pasteurisers and thereby extending the production time before a pasteuriser (1) has to be stopped for cleaning. Said pastueriser (1) is of the type which includes a plate heat exchanger having a number of sections of which at least one section is a regenerative section. The method comprises the step of raising the temperature in the downstream part of the regenerative section (5) to a temperature above 50°C during a predetermined time at regular intervals. During normal production part of the product which passes downstream of the regenerative section (5) is shunted past the regenerative section (5). During said intervals all product passes the downstream part of the regenerative section (5) while part of the product which passes upstream of the regenerative section (5) is shunted past the regenerative section (5).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.2405/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : ARTIFICIAL STONE LAMINATE

(51) International classification	:B32B 19/02	(71) Name of Applicant : 1)GOSAKAN ARAVAMUDAN Address of Applicant :44/1, 1ST FLOOR, SRIRAM MANDIR ROAD, BASAVANAGUDI, BANGALORE - 560 004 Karnataka India
(31) Priority Document No	:2297/CHE/2009	
(32) Priority Date	:22/09/2009	
(33) Name of priority country	:India	
(86) International Application No	:PCT/IN2010/000630	
Filing Date	:20/09/2010	(72) Name of Inventor : 1)GOSAKAN ARAVAMUDAN
(87) International Publication No	:WO/2011/036678	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An artificial stone laminate comprising a top singly layer of particulates of substantially a single size, a rear layer of reinforcing fibers, and a binder is provided. The single size of the particulates is between 0.5mm and 3mm. Each of the particulates has an exposed top flat surface section area that is substantially the largest sectional area that can be exposed in the particulates. A single layer of particulates of uniform size is spread on a release surface. The single layer of particulates is vibrated whereby the particulates are packed closely, touch one another adjacently in a horizontal plane, and achieve high surface coverage. The layer of reinforcing fibers is placed on the single layer of particulates. A binder is deposited for filling the gaps between the particulates and bonding the reinforcing fibers to the particulates. After the binder cures, the surface of the single layer of particulates is polished.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.2355/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING ANTI-HB-EGF ANTIBODY AS ACTIVE INGREDIENT

(51) International classification	:C07K 16/22	(71) Name of Applicant : 1)FORERUNNER PHARMA RESEARCH CO. LTD. Address of Applicant :2-16 Komaba 4-chome Meguro-ku Tokyo 153-0041 Japan
(31) Priority Document No	:PCT/JP2009/003915	
(32) Priority Date	:17/08/2009	
(33) Name of priority country	:PCT	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/005074	1)KIMURA Naoki
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	

(57) Abstract :

An anti-HB-EGF antibody having an internalizing activity is disclosed. A cytotoxic substance is preferably bound to the anti-HB-EGF antibody of the present invention. Also provided are an anti-cancer agent and a cell proliferation inhibitor, which comprise the antibody of the present invention as an active ingredient, a method of treating cancer and a method of diagnosing cancer, which comprise the administration of the antibody of the present invention. Cancers that can be treated by the anti-cancer agent of the present invention include pancreatic cancer, liver cancer, esophageal cancer, melanoma, colorectal cancer, gastric cancer, ovarian cancer, uterine cervical cancer, breast cancer, bladder cancer, brain tumors, and hematological cancers.

No. of Pages : 173 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.2394/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : LIGHTING DEVICE DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:F21S 2/00	(71) Name of Applicant :
(31) Priority Document No	:2009-214918	1)SHARP KABUSHIKI KAISHA
(32) Priority Date	:16/09/2009	Address of Applicant :22-22 Nagaike-cho Abeno-ku
(33) Name of priority country	:Japan	Osaka-shi Osaka 545-8522 Japan
(86) International Application No	:PCT/JP2010/063990	(72) Name of Inventor :
Filing Date	:19/08/2010	1)SHIMIZU Takaharu
(87) 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 :

Occurrence of uneven brightness in a backlight unit is suppressed. A backlight unit 12 includes a hot cathode tube 17 as a light source; a chassis 14 including a bottom plate 14a arranged on a side opposite to a light exit side with respect to the hot cathode tube 17 and housing the hot cathode tube 17; a reflection sheet 20 including a bottom portion 20a extending along the bottom plate 14a and a rising portion 20b rising from a bottom portion 20a to the light exit side and reflecting light; a first holding member 21 arranged on a side opposite to the light exit side with respect to each rising portion 20b and fixed to the chassis 14; and a second holding member 22 arranged on the light exit side of each rising portion 20b and configured to sandwich each rising portion 20b with the first holding member 21..

No. of Pages : 136 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.2397/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : INFORMATION PROCESSING APPARATUS, CONTROL METHOD THEREFOR, PROGRAM, AND RECORDING MEDIUM

(51) International classification	:G06F3/041
(31) Priority Document No	:2009-189330
(32) Priority Date	:18/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004534
Filing Date	:13/07/2010
(87) International Publication No	:WO 2011/021344
	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)CANON KABUSHIKI KAISHA

Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
OHTA-KU, TOKYO 146-8501 Japan

(72)Name of Inventor :

1)OYAMA, YASUFUMI

(57) Abstract :

An information processing apparatus includes a touching detection unit configured to detect a touching operation and a touch-up operation for the display unit, a time counting unit configured to count a time period of continuous touching on a specific area of the display unit, and a control unit configured, when a touch-up operation from the specific area is detected and a counted time period of continuous touching has not reached a predetermined time period, to execute a function assigned to the specific area while when the touch-up operation from the specific area is detected and the counted time period of continuous touching has reached the predetermined time period, not to execute the function assigned to the specific area in relation only to the detected touch-up operation.

No. of Pages : 75 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2407/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 03/05/2013

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

(51) International classification	:H01M 10/0567
(31) Priority Document No	:2009-212808
(32) Priority Date	:15/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065877
Filing Date	:14/09/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)UBE INDUSTRIES LTD.

Address of Applicant :1978-96 Oaza Kogushi Ube-shi
Yamaguchi 755-8633 Japan

(72)**Name of Inventor :**

1)ABE Koji

2)SHIKITA Shoji

3)KAWABE Kazuyuki

4)KONDO Masahide

5)FUJINO Tatsuo

(57) Abstract :

Disclosed are a nonaqueous electrolytic solution of an electrolyte dissolved in a nonaqueous solvent which contains a carboxylate represented by the following general formula (I) in an amount of from 0.01 to 10% by mass of the nonaqueous electrolytic solution; and an electrochemical element using it. (In the formula R1 represents an alkyl group an alkenyl group an alkynyl group a cycloalkyl group or a cyanoalkyl group; R2 represents a hydrogen atom an alkoxy group a formyloxy group an acyloxy group an alkoxy carbonyloxy group an alkanesulfonyloxy group an arylsulfonyloxy group an alkylsilyloxy group a dialkylphosphoryloxy group an alkoxy(alkyl)phosphoryloxy group or a dialkoxyphosphoryloxy group; R3 represents a hydrogen atom -CH₂COOR₆ or an alkyl group; R4 represents a hydrogen atom or an alkyl group; R5 has the same meaning as R2 or represents a hydrogen atom an alkyl group or -CH₂COOR₇; R6 and R7 each independently represent an alkyl group.

No. of Pages : 198 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.2372/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : KETOREDUCTASE POLYPEPTIDES FOR THE PREPARATION OF PHENYLEPHRINE

(51) International classification	:C12N9/02	(71) Name of Applicant : 1)CODEXIS, INC. Address of Applicant :200 PENOBSCT DRIVE, REDWOOD CITY, CALIFORNIA 94063 U.S.A.
(31) Priority Document No	:61/3235,324	
(32) Priority Date	:19/08/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/046020	(72) Name of Inventor :
Filing Date	:19/08/2010	1)ALVIZO, OSCAR
(87) International Publication No	:WO 2011/022548 A2	2)COLLIER, STEVEN, J.
(61) Patent of Addition to Application Number	:NA	3)HENNEMANN, JOERG
Filing Date	:NA	4)OH, SEONG, HO
(62) Divisional to Application Number	:NA	5)ZHA, WENJUAN
Filing Date	:NA	

(57) Abstract :

A light emitting diode (LED) projector, an LED projector array, and a method of making the LED projector and LED projector array are provided. In general, an LED is disposed to inject light into an input aperture of a compound parabolic concentrator (CPC), disposed in a molded optical element. At least partially collimated light exits the output aperture of the CPC. The CPC has a portion of the surface free to expand and contract without degrading the performance of the LED projector.

No. of Pages : 87 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2012

(21) Application No.2402/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD, APPARATUS AND SYSTEM FOR UPDATING LOCATION INFORMATION OF AN IP ADDRESS

(51) International classification	:H04W8/02	(71) Name of Applicant :
(31) Priority Document No	:200910190153.6	1)TENCENT TECHNOLOGY (SHENZHEN) COMPANT LIMITED
(32) Priority Date	:04/09/2009	Address of Applicant :ROOM 403, EAST BLOCK 2, SEG PARK, ZHENXING ROAD, FUTIAN DISTRICT, SHENZHEN CITY 518044, GUANGDONG PROVINCE, PRC
(33) Name of priority country	:China	China
(86) International Application No	:PCT/CN2010/075571	(72) Name of Inventor :
Filing Date	:30/07/2010	1)CHENG, YU 2)LING, GUOHUI 3)LI, YUTAO
(87) International Publication No	:WO 2011/026386 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method, apparatus and system for updating location information of an IP address are disclosed. The method includes: receiving an incoming call; searching a pre-stored location database for a location corresponding to the incoming call; searching a pre-stored log database for an IP address corresponding to the incoming call; and updating location information of the IP address stored in an IP database by the location searched out. The present invention may be applied when a service provider updates the location information of the IP address in the IP database. Thus, the problem that the location information in the IP database cannot be updated accurately in the prior art is solved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2413/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : AMBU-BAG AUTOMATION SYSTEM AND METHOD

(51) International classification	:A61M 16/00	(71) Name of Applicant : 1)MOBILE AIRWAYS LLC Address of Applicant :2842 Tipton Court Columbus IN 47201 U.S.A.
(31) Priority Document No	:12/545,467	
(32) Priority Date	:21/08/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/038812	(72) Name of Inventor : 1)Robert Todd BERGMAN
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	

(57) Abstract :

A device for automatically squeezing and releasing an AMBU-bag is disclosed. A device has a housing and a mechanical compression squeezer in the housing. There are openings in the housing for inlet tubes and outlet tubes of AMBU-bag to pass in and out of the housing. A powered actuator powers the compression squeezer. Alarms and signals provide information regarding excessive pressure and regarding bag cycling.

No. of Pages : 57 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2940/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :18/05/2010

(43) Publication Date : 03/05/2013

(54) Title of the invention : PHARMACEUTICAL KIT CONSISTING OF AN OIL-IN-WATER EMULSION AND A SOLID COMPOSITION

(51) International classification	:A61K31/695, A61K47/24, A61K47/26	(71) Name of Applicant : 1)NEOPHARMACIE GMBH Address of Applicant :BUNSENSTRASSE 5, 64347 GRIESHEIM Germany
(31) Priority Document No	:10 2007 056 424.6	(72) Name of Inventor :
(32) Priority Date	:23/11/2007	1)SIEGNER, AXEL
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP08/066032	
Filing Date	:21/11/2008	
(87) International Publication No	:WO 2009/065946 A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pharmaceutical kit consists of at least 2 spatially separate compositions 1 and 2, pharmaceutical composition 1, containing an aqueous emulsion of components A, B, C and optionally D and E, whose total amount comes to 100 wt.%, a) 1-59.9 wt.% of at least one mineral oil, silicone oil, vegetable oil or mixture thereof, as component A, b) 40-98.9 wt.% water as component B, c) 0.1-30 wt.% of at least one emulsifier as component C, d) 0-20 wt.% of at least one stabilizer, selected from mono- or polyhydric alcohols, polysaccharides, minerals and mixtures thereof as component D, e) 0-58.9 wt.% of physiologically utilizable substances, selected from minerals, vitamins, nutrients or mixtures thereof as component E, pharmaceutical composition 2 in solid or mixed solid/liquid form, containing at least one of components F, G and H, whose total amount comes to 100 wt.%, f) 0-100 wt.% of physiologically utilizable substances, selected from minerals, vitamins, nutrients or mixtures thereof as component F. g) 0-100 wt.%) of at least one pharmacologically compatible solid carrier substance as component G, h) 0-100 wt.% of at least one pharmacologically active substance as component H, and in each case up to 50 wt.% of components F and H can be in liquid form.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2399/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : CYLINDER HEAD GASKET ASSEMBLY

(51) International classification	:F16J15/08	(71) Name of Applicant : 1)FEDERAL-MOGUL CORPORATION Address of Applicant :26555 NORTHWESTERN HIGHWAY, SOUTHFIELD, MI 48033 U.S.A.
(31) Priority Document No	:61/235,211	
(32) Priority Date	:19/08/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/045967	(72) Name of Inventor : 1)CLEMONS, DOUGLAS 2)HU, JAKE 3)GRISSOM, EMMA
Filing Date	:19/08/2010	
(87) International Publication No	:WO 2011/022530 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A static cylinder head gasket assembly includes an inner distance layer having an opening extending between opposite planar sides with the opening being configured to register with a cylinder bore of an internal combustion engine. A plurality of inner functional layers overlie each of the opposite sides of the inner distance layer. The inner functional layers have axially aligned, nested annular sealing beads extending about the opening in the distance layer. The gasket assembly further includes a plurality of outer functional layers separate from the inner functional layers. The outer functional layers have annular inner peripheries spaced axially from one another to provide a gap configured to receive at least a portion of the inner distance layer therein. The outer periphery of the inner distance layer is captured axially between the outer functional layers and thus, the inner distance layer is prevented from being disassembled from the outer functional layers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.256/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : TUBULAR, CONTINUOUS, SEAMLESS, COMPRESSIBLE, RESILIENT MOUNTING ARTICLES AND POLLUTION CONTROL DEVICES COMPRISING THE SAME

(51) International classification	:B32B1/08	(71) Name of Applicant : 1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant :3M CENTER, POST OFFICE BOX 33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(31) Priority Document No	:61/224,260	
(32) Priority Date	:09/07/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/041450	(72) Name of Inventor :
Filing Date	:09/07/2010	1)MERRY, RICHARD, P.
(87) International Publication No	:WO 2011/006023 A1	2)GONZALEZ, JAVIER, E.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Tubular, continuous, seamless, compressible, resilient mounting article comprising inorganic fibers, and having an inner curved surface, a central longitudinal axis, and a uniform internal cross-sectional area along the central longitudinal axis. The mounting articles are useful, for example, in mounting pollution control elements in pollution control devices.

No. of Pages : 23 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7460/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : MULTICARRIER RETRANSMISSION FEEDBACK

(51) International classification	:H04W 72/12
(31) Priority Document No	:61/176,470
(32) Priority Date	:07/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033932
Filing Date	:06/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

- 1)DAMNJANOVIC Jelena M.**
- 2)CHEN Wanshi**
- 3)GAAL Peter**
- 4)MONTOJO Juan**
- 5)BHUSHAN Naga**
- 6)KHANDEKAR Aamod D.**

(57) Abstract :

Systems and methodologies are described that facilitate indicating feedback parameters for multiple single carrier assignments multicarrier assignments and/or the like according to single carrier-frequency division multiple access (SC-FDMA) relaxed SC-FDMA etc. Feedback in relaxed SC-FDMA can be bundled by a mobile device to conserve power. In addition a downlink assignment indicator (DAI) can be utilized to detect and indicate lost grants.

No. of Pages : 75 No. of Claims : 97

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7464/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PROCESSING BLIND DECODING RESULTS IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04L 1/00
(31) Priority Document No	:61/176,482
(32) Priority Date	:07/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033937
Filing Date	:06/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)SEONG Kibeam

2)LUO Tao

(57) Abstract :

Systems and methodologies are described herein that facilitate processing and pruning of blind decoding results (e.g. associated with grant signaling) within a wireless communication environment. As described herein blind decoding results associated with grant signaling and/or other suitable signaling can be pruned in various manners thereby reducing false alarm probabilities associated with such results. For example techniques are provided herein for constraining respective decoding candidates to possible radio network temporary identifier (RNTI) values performing validity checking on payload of respective decoding candidates and selecting a most likely decoding candidate from a previously pruned set of candidates. Further techniques are described herein for generating filler bits (e.g. padding bits reserved bits etc.) in a grant message according to a predefined pattern thereby enabling checking of such bits to further reduce false alarm rates.

No. of Pages : 64 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7466/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : POLYPEPTIDES HAVING ACETYL XYLAN ESTERASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME

(51) International classification	:C12N 9/18
(31) Priority Document No	:09155966.6
(32) Priority Date	:24/03/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/053770
Filing Date	:23/03/2010
(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

(71)Name of Applicant :

1)Novozymes A/S

Address of Applicant :Krogshoejvej 36 DK-2880
Bagsvaerd Denmark

(72)Name of Inventor :

1)BORJESSON Johan

2)VIKSOE-NEILSEN Anders

3)HANSEN Peter Kamp

(57) Abstract :

The present invention relates to isolated polypeptides having acetyl xylan esterase activity and isolated polynucleotides encoding the polypeptides. The invention also relates to nucleic acid constructs vectors and host cells comprising the polynucleotides as well as methods of producing and using the polypeptides.

No. of Pages : 98 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2406/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR PRODUCING A COATED PULL-OUT GUIDE

(51) International classification	:F24C 15/16	(71) Name of Applicant :
(31) Priority Document No	:10 2009 044 011.9	1)PAUL HETTICH GmbH & CO. KG Address of Applicant :Vahrenkampstrasse 12-16 32278
(32) Priority Date	:15/09/2009	Kirchlengern Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/063544	1)SCHRUBKE Lars 2)REIDT Daniel 3)GRIGAT Willi 4)KRAUSE Arthur
Filing Date	:15/09/2010	
(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	

(57) Abstract :

The invention relates to a method for producing a coated extension guide (1) in particular for baking ovens having a rail (2) on which at least one further rail (3 4) is displaceably supported by means of rolling elements (6) the rolling elements (6) being guided along tracks (8 9) on the rails (2 3 4) characterized by the following steps: assembling the extension guide (1) into a unit; cleaning a metal surface of at least one rail (2 3 4) of the extension guide by a mechanical and/or chemical cleaning method; and applying a coating to the cleaned metal surface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.249/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : DYNAMICALLY MIGRATING COMPUTER NETWORKS

(51) International classification	:G06F9/46	(71) Name of Applicant :
(31) Priority Document No	:12/507742	1)AMAZON TECHNOLOGIES, INC.
(32) Priority Date	:22/07/2009	Address of Applicant :PO BOX 8102, RENO, NV 89507
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2010/042858	(72) Name of Inventor :
Filing Date	:22/07/2010	1)COHN, DANIEL, T.
(87) International Publication No	:WO 2011/011576 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques are described for providing capabilities to dynamically migrate computing nodes between two or more computer networks while the computer networks are in use, such as to dynamically and incrementally migrate an entire originating first computer network to a destination second computer network at a remote location. For example, the first computer network may include one or more physically connected computer networks, while the second computer network may be a virtual computer network at a remote geographical location (e.g., under control of a network-accessible service available to remote users). The provided capabilities may further include facilitating the ongoing operations of the originating first computer network while a subset of the first computer network computing nodes have been migrated to the remote destination second computer network, such as by forwarding communications between the first and second computer networks in a manner that is transparent to the various computing nodes.

No. of Pages : 97 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2007

(21) Application No.5487/CHENP/2007 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYNERGISTIC FUNGICIDAL COMPOSITIONS

(51) International classification	:A01N 59/26	(71) Name of Applicant : 1)ISAGRO S.P.A Address of Applicant :VIA CALDERA, 21, I-20153 MILANO. Italy
(31) Priority Document No	:MI2005A001019	
(32) Priority Date	:31/05/2005	
(33) Name of priority country	:Italy	
(86) International Application No	:PCT/EP06/05157	(72) Name of Inventor :
Filing Date	:29/05/2006	1)FILIPPINI, LUCIO
(87) International Publication No	:WO 2006/128677 A3	2)GUSMEROLI, MARILENA
(61) Patent of Addition to Application Number	:NA	3)MORMILE, SILVIA
Filing Date	:NA	4)GARAVAGLIA, CARLO
(62) Divisional to Application Number	:NA	5)MIRENNNA, LUIGI
Filing Date	:NA	

(57) Abstract :

Fungicidal compositions are described, consisting of mixtures comprising a copper (II) salt of phosphorous acid and at least another metallic salt of phosphorous acid or consisting of mixtures comprising a copper (II) salt of phosphorous acid, alone or mixed with at least another metallic salt of phosphorous acid, and one or more fungicidal compounds, and their use for the control of phytopathogen fungi.

No. of Pages : 57 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7452/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : MIXED METAL OXIDES

(51) International classification	:C01G23/00	(71) Name of Applicant :
(31) Priority Document No	:0906105.2	1)THE UNIVERSITY OF LIVERPOOL
(32) Priority Date	:08/04/2009	Address of Applicant :Foundation Building 765 Brownlow
(33) Name of priority country	:U.K.	Hill Liverpool L69 7ZX GB U.K.
(86) International Application No	:PCT/GB2010/050599	(72) Name of Inventor :
Filing Date	:07/04/2010	1)SUCHOMEL Matthew
(87) International Publication No	: NA	2)ROSSEINSKY Matthew
(61) Patent of Addition to Application Number	:NA	3)NIU Hongjun
Filing Date	:NA	4)CHALKER Paul
(62) Divisional to Application Number	:NA	5)YAN Lei
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a mixed metal oxide such as a strontium-hafnium-titanium oxide or strontium-zirconium-titanium oxide and to a functional device comprising the mixed metal oxide.

No. of Pages : 45 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7454/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : ASYMMETRICAL SEPARATOR

(51) International classification	:H01M 2/16
(31) Priority Document No	:10 2009 017 542.3
(32) Priority Date	:17/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/001979
Filing Date	:29/03/2010
(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

(71)Name of Applicant :

1)CARL FREUDENBERG KG

Address of Applicant :Hhnerweg 2-4 69469 Weinheim

Germany

(72)Name of Inventor :

1)WEBER Christoph

2)ROTH Michael

(57) Abstract :

The invention relates to a separator for arranging in a battery comprising a basic body (1) wherein the basic body (1) has an anode side (2) for contacting the anode of a battery and a cathode side (3) for contacting the cathode of a battery. In view of the objective to provide a separator which can be inserted in a lithium ion battery without difficulty and which increases the operational safety of the lithium ion battery the separator is characterized in that the material consistency of the anode side (2) is different from the material consistency of the cathode side (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7455/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SOLID PREPARATION COMPRISING NPYY5 RECEPTOR ANTAGONIST

(51) International classification	:A61K 31/44	(71) Name of Applicant : 1)Shionogi & Co. Ltd Address of Applicant :1-8 Doshomachi 3-chome Chuo-ku Osaka-shi Osaka 541-0045 Japan
(31) Priority Document No	:2009-067307	
(32) Priority Date	:19/03/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/054488	
Filing Date	:17/03/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A preparation which can improve the solubility of an NPYY5 receptor antagonist in water even when the NPYY5 receptor antagonist is contained in the preparation at a high content is provided. When an NPYY5 receptor antagonist carboxymethylethylcellulose and optionally an amorphousization inducing agent are contained in a solid preparation the dissolution profile of an NPYY5 receptor antagonist was improved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7469/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MAPPING PILOT SIGNALS IN MULTI-STREAM TRANSMISSIONS

(51) International classification	:H04L27/26	(71) Name of Applicant : 1)SAMSUNG ELECTRONICS CO., LTD. Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 442-742 Republic of Korea
(31) Priority Document No	:61/210,290	
(32) Priority Date	:17/03/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/KR2010/001603	
Filing Date	:15/03/2010	
(87) International Publication No	:WO 2010/107216 A2	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)YOUNG-HAN NAM
(62) Divisional to Application Number	:NA	2)JIANZHONG ZHANG
Filing Date	:NA	

(57) Abstract :

A base station is provided. The base station comprises a downlink transmit path comprising circuitry configured to transmit a plurality of reference signals in two or more subframes. Each subframe comprises one or more resource blocks. Each resource block comprises S OFDM symbols. Each of the S OFDM symbols comprises N subcarriers, and each subcarrier of each OFDM symbol comprises a resource element. The base station further comprises a reference signal allocator configured to allocate a first group of the plurality of reference signals to selected resource elements of a first subframe according to a reference signal pattern. The first group of the plurality of reference signals is for a first group of antenna ports. The reference signal allocator also configured to allocate a second group of the plurality of reference signals to selected resource elements of a second subframe according to the same reference signal pattern. The second group of the plurality of reference signals is for a second group of antenna ports different from the first group of antenna ports.

No. of Pages : 35 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.747/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : MAGNETIC ATTACHMENT ARRANGEMENT FOR I PLANTABLE DEVICE•

(51) International classification	:A61N 1/36	(71) Name of Applicant :
(31) Priority Document No	:61/227,632	1)VIBRANT MED-EL HEARING TECHNOLOGY
(32) Priority Date	:22/07/2009	GMBH
(33) Name of priority country	:U.S.A.	Address of Applicant :Fuerstenweg 77 A-6020 Innsbruck
(86) International Application No	:PCT/US2010/042598	Austria
Filing Date	:20/07/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)BALL Geoffrey R.
(61) Patent of Addition to Application Number	:NA	2)LAMPACHER Peter
Filing Date	:NA	3)JAMNIG Bernhard
(62) Divisional to Application Number	:NA	4)ZIMMERLING Martin
Filing Date	:NA	5)WEIDENHOLZER Gunther
		6)NAGL Markus
		7)AMRHEIN Wolfgang

(57) Abstract :

A magnet arrangement is described for use in implantable devices. An implantable housing contains a portion of an implantable electronic system. A cylindrical implant magnet arrangement within the housing includes multiple adjacent magnetic sections wherein at least two of the magnetic sections have opposing magnetic orientations in opposite magnetic directions. There may also be a similar external housing having a corresponding magnet arrangement.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7470/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM, METHOD AND RELEVANT DEVICE FOR SIGNAL TRANSMISSION

(51) International classification	:H04J14/02	(71) Name of Applicant :
(31) Priority Document No	:200910080273.0	1)CHINA MOBILE COMMUNICATIONS CORPORATION
(32) Priority Date	:17/03/2009	Address of Applicant :29, JINRONG AVE., XICHENG DISTRICT, BEIJING 100 032 China
(33) Name of priority country	:China	(72) Name of Inventor :
(86) International Application No	:PCT/CN2010/000329	1)HUANG, XIAOQING
Filing Date	:17/03/2010	2)LI, HAN
(87) International Publication No	:WO 2010/105506 A1	3)WANG, LEI
(61) Patent of Addition to Application Number	:NA	4)ZHANG, DECHAO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system, a method and a related device for signal transmission are provided in order to improve utilization efficiency of the fiber. The system includes an optical line terminal (OLT), a plurality of optical network units (ONU), a base band unit (BBU), a plurality of remote radio units (RRU), a first signal-processing device and a plurality of second signal-processing devices, wherein the first signal-processing device sends a multiplexed signal to a plurality of second signal-processing devices after a plurality of signals sent by the OLT and the BBU are multiplexed, and demultiplexes a signal sent by the second signal-processing device in order to obtain a plurality of signals sent by the ONU and a plurality of different RRUs and sends these demultiplexed signals to the OLT and the BBU; one of a plurality of second signal-processing devices sends a multiplexed signal to the first signal-processing device after a plurality of signals sent by the ONU and a plurality of different RRUs are multiplexed, and demultiplexes a signal sent by the first signal-processing device in order to obtain a signal sent by the OLT and a plurality of signals sent to a plurality of different RRUs by the BBU and sends these demultiplexed signals to the ONU and the RRUs.

No. of Pages : 51 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7471/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : A COMMUNICATION CONTROL METHOD AND A MOBILE COMMUNICATION TERMINAL

(51) International classification	:H04W88/04
(31) Priority Document No	:2009-100880
(32) Priority Date	:17/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056964
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/119983
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NEC CORPORATION

Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO 108-8001 Japan

(72)Name of Inventor :

1)NAKAYAMA, JUNYA

(57) Abstract :

The degree of freedom of the location in which a wireless LAN is built is raised. When a connection request to an external network from a user terminal is detected, a mobile communication terminal connects with the external network by mobile communication and relays the communication between the external network and the user terminal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2408/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : LUBRICANT COMPOSITION AND SLIDING MECHANISM USING THE LUBRICANT COMPOSITION

(51) International classification	:C10M 137/10	(71) Name of Applicant : 1)Idemitsu Kosan Co. Ltd. Address of Applicant :1-1 Marunouchi 3-chome Chiyoda-ku Tokyo 100-8321 Japan
(31) Priority Document No	:2009-213647	
(32) Priority Date	:15/09/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/065747	(72) Name of Inventor :
Filing Date	:13/09/2010	1)KASAI Moritsugu
(87) International Publication No	: NA	2)YAMADA Ryou
(61) Patent of Addition to Application Number	:NA	3)TSUJIOKA Masanori
Filing Date	:NA	4)MIYAKE Koji
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided by the present invention is a lubricating oil composition showing a very low frictional coefficient when used as a lubricating oil for a low friction sliding material prepared by blending with an additive selected from a specific phosphorus-zinc-containing compound and a specific sulfur-containing compound and a sliding mechanism having an excellent low frictional property in which a DLC film containing S to 50 atom% of hydrogen is formed or a sliding mechanism having an excellent low frictional property in which 1 to 30 atom% of tungsten (W) or molybdenum (Mo) is contained is provided by combining the above lubricating oil composition with a sliding member having a film of a specific low frictional sliding material on a sliding face.

No. of Pages : 65 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3220/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 03/05/2013

(54) Title of the invention : COMPRESSION LIMITER WITH MOLDED INSERT FOR GASKETS

(51) International classification	:F16J	(71) Name of Applicant : 1)DANA AUTOMOTIVE SYSTEMS GROUP, LLC Address of Applicant :PO BOX 1000, MAUMEE, OHIO
(31) Priority Document No	:61/208854	
(32) Priority Date	:29/10/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DAVID J. SCHWEIGER
(87) 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 directed to an insert for a cylinder head gasket for internal combustion engine. The cylinder head gasket may be made from tal, a composite material, or a combination of the two, and is disposed between a cylinder head and a cylinder block. The insert has an outer plate ring upper and lower surfaces, an outer perimeter and a closed inner meter. A removable molded insert is located within the closed inner meter of the outer plate. The removable molded insert has a bead portion I and inner land portion. A metallic carrier is substantially enclosed within the id portion and planar portion of the removable molded insert. The removable ded insert may be attached to the outer plate by mechanical or chemical ans. The insert may be attached to a cylinder head gasket by mechanical 3ns.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7482/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CONSECUTIVE IDENTICAL DIGIT REDUCTION

(51) International classification	:H04L1/00
(31) Priority Document No	:61/214,780
(32) Priority Date	:28/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030740
Filing Date	:12/04/2010
(87) International Publication No	:WO 2010/126706 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)ALCATEL LUCENT

Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France

(72)Name of Inventor :

1)WILLIAM WEEBER

(57) Abstract :

In a data transmission network, such as a passive optical network, the consecutive identical digit (CID) handling requirements may be reduced by providing a CID monitoring module at the transmitter end that monitors the number of CIDs in a transmission stream. Where the CID number exceeds a threshold, an error generation module induces an error in the transmission stream to reduce the CID below the threshold. The modified transmission stream may then be transmitted to a receiver, allowing clock recovery be performed with improved stability at the receiver. Once clock recovery is achieved, the receiver can then process the transmission stream to correct the errors induced at the transmitter end.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7483/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : INTER-FREQUENCY INDICATION OF ASSOCIATION DATA FOR MULTI-CARRIER WIRELESS DEPLOYMENTS

(51) International classification	:H04W36/08	(71) Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :INTERNATIONAL IP ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714 U.S.A.
(31) Priority Document No	:61/170,403	
(32) Priority Date	:17/04/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/031484	
Filing Date	:16/04/2010	
(87) International Publication No	:WO 2010/121199 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Providing for user equipment mobility in a multi-carrier wireless network deployment is described herein. By way of example, data pertinent to mobile cell selection can be shared among base stations operating on different carrier frequencies either over-the-air or via a wired backhaul, and distributed by a base station to mobile terminals served by the base station. In one aspect, the data can be distributed over a wireless channel reserved for inter-carrier association data, whereas in other aspects, the data can be unicast to particular mobile terminals served by the base station. This can reduce or avoid a need for individual mobile terminals to tune away to a non-serving carrier for inter-carrier association or handover determinations. Accordingly, gaps in signal analysis on a serving carrier can be reduced or avoided, improving overall quality of wireless communication in a multi-carrier environment.

No. of Pages : 63 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7484/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : DYNAMICALLY RECONFIGURABLE FRAMEWORK FOR A LARGE-SCALE BATTERY SYSTEM

(51) International classification	:H01M 10/44
(31) Priority Document No	:61/168,472
(32) Priority Date	:10/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030525
Filing Date	:09/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THE REGENTS OF THE UNIVERSITY OF MICHIGAN

Address of Applicant :1600 Huron Parkway 2nd Floor Ann Arbor Michigan 48109-2590 U.S.A.

(72)Name of Inventor :

1)KANG G. SHIN

2)HAHNSANG KIM

(57) Abstract :

A dynamically reconfigurable battery framework for management of a large-scale battery system systems is provided. The framework monitors reconfigures and controls large-scale battery systems online. The framework is built upon a topology-based bypassing mechanism that provides a set of rules for changing the battery-pack configuration and a semantic bypassing mechanism by which the battery-cell connectivity is reconfigured to recover from a battery-cell failure. More specifically the semantic bypassing mechanism implements a constant-voltage-keeping policy and a dynamic-voltage-allowing policy. The former policy is effective in preventing unavoidable voltage drops during the battery lifetime while the latter policy is effective in supplying different amounts of power to meet a wide-range of application requirements.

No. of Pages : 38 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7485/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : ACCESS CONTROL WITH PARTIAL SUPPORT FOR COMMUNICATIONS

(51) International classification	:H04W 72/04	(71) Name of Applicant : 1)NOKIA CORPORATION Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/EP2009/054982	(72) Name of Inventor :
Filing Date	:24/04/2009	1)Juhani Mikko Pesola
(87) International Publication No	: NA	2)Petri Juhani Vasenkari
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Attached

No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7489/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SEQUENCED TRANSMISSION OF DIGITAL CONTENT ITEMS

(51) International classification	:G06Q50/00	(71) Name of Applicant :
(31) Priority Document No	:12/425,090	1)MICROSOFT CORPORATION
(32) Priority Date	:16/04/2009	Address of Applicant :ONE MICROSOFT WAY, REDMOND, WASHINGTON 98052-6399 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/031099	1)PAU, EWELINA
Filing Date	:14/04/2010	2)BIANCARDINI, SYLVAIN
(87) International Publication No	:WO 2010/120932 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The disclosure provides a system and method for managing and sequencing the transmission of digital content items from a network- accessible content service to a portable digital content device. The content service includes a cache management subsystem and provides storage for a plurality of playlists which are variously associated with user accounts and which each contain one or more digital content items. The cache management subsystem is configured to sequence transmission of digital content items to a given portable device based on attributes associated with the playlists containing the digital content items to be transmitted to the device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.749/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SCREENING METHOD•

(51) International classification	:C12Q 1/68	(71) Name of Applicant :
(31) Priority Document No	:0912394.4	1)THE UNIVERSITY OF BIRMINGHAM
(32) Priority Date	:16/07/2009	Address of Applicant :Edgbaston Birmingham West
(33) Name of priority country	:U.K.	Midlands B15 2TT United Kingdom
(86) International Application No	:PCT/GB2010/001365	(72) Name of Inventor :
Filing Date	:16/07/20 0	1)NAGY Zsuzsanna
(87) 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 clinical diagnosis of Alzheimers disease or early- stage Alzheimers disease in the live patient. In particular the invention provides a screening method which can be used to assist with diagnosis of Alzheimers disease in live human subjects or to identify human subjects with a predisposition to Alzheimers disease.

No. of Pages : 67 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7491/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SCROLLABLE MENUS AND TOOLBARS

(51) International classification	:G06F 3/048
(31) Priority Document No	:12/433,891
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032138
Filing Date	:22/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)APPLE INC.

Address of Applicant :1 Infinite Loop Cupertino California
95014 U.S.A.

(72)Name of Inventor :

1)Egan SCHULZ

2)Tom LANGMACHER

(57) Abstract :

Some embodiments of the invention provide a method that defines several menu items having a particular order. The method provides a display area for displaying a portion of the menu items in the particular order. The method provides a selection window in the display area for indicating that a menu item is presently selectable. The display area is also for receiving input to (i) scroll the menu items through the selection window in the particular order and (ii) select a particular menu item when the particular menu item is displayed in the selection window. In some embodiments the display area is a linear display area while in some embodiments it is a semi-circular display area or other shape

No. of Pages : 70 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7493/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : UPLINK TRANSMISSION POWER CONTROL IN MULTI-CARRIER COMMUNICATION SYSTEMS

(51) International classification	:H04W52/30	(71) Name of Applicant : 1)SAMSUNG ELECTRONICS CO., LTD. Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 442-742 Republic of Korea
(31) Priority Document No	:61/160,879	
(32) Priority Date	:17/03/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/027653	
Filing Date	:17/03/2010	
(87) International Publication No	:WO 2010/107907 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a communication system wherein a User Equipment (UE) transmits at least two data channels in at least two respective component carriers, a method and apparatus for reducing a transmission power allocated to each of the least two data channels relative to each of a respective nominal transmission power, when a total nominal transmission power for the at least two data channels exceeds a predetermined value are provided. The method includes reducing a transmission power of the first data channel by a first amount; and reducing a transmission power of the second data channel by a second amount, wherein the first amount and the second amount have different values.

No. of Pages : 54 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7456/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : BIOMARKER FOR MONITORING PATIENTS

(51) International classification	:G01N 33/50	(71) Name of Applicant : 1)TRANSG'NE SA Address of Applicant :Boulevard Gonthier d'Andernach - Parc d'Innovation - CS80166 F-67405 Illkirch Graffenstaden Cedex France
(31) Priority Document No	:09305328.8	
(32) Priority Date	:17/04/2009	
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/054743	1)ACRES Bruce
Filing Date	:12/04/2010	
(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	

(57) Abstract :

The present invention is in the field of immunotherapy and relates to methods for determining the efficacy of certain immunotherapy treatments. The methods of the invention include measuring special biomarker at some time following the initiation of immunotherapy treatment to evaluate the clinical outcome of the said treatment. The invention thus has applications to the field of medicine.

No. of Pages : 49 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7457/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SCORODITE-TYPE IRON-ARSENIC COMPOUND PARTICLES&NBSP; PRODUCTION METHOD THEREOF&NBSP; AND ARSENIC-CONTAINING SOLID

(51) International classification	:C01G 49/00	(71) Name of Applicant : 1)DOWA METALS & MINING CO. LTD. Address of Applicant :14-1 Sotokanda 4-chome Chiyoda-ku Tokyo 101-0021 Japan
(31) Priority Document No	:2009-117088	
(32) Priority Date	:13/05/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/058064	(72) Name of Inventor :
Filing Date	:12/05/2010	1)INOUE Kenichi
(87) International Publication No	: NA	2)OTANI Haruhiro
(61) Patent of Addition to Application Number	:NA	3)HONMA Yoshihiro
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Problem] To provide a scorodite-type iron-arsenic compound of good filterability which satisfies the release test standard (initial pH 5.8 to 6.3) according to the Japan Act (Notification No. 13 by the Ministry of the Environment in Japan) and which secures the excellent arsenic release-preventing effect even in an environment at a pH of around 3 and at a pH of around 7. [Means for Resolution] Scorodite-type iron-arsenic compound particles in which the particle surface layer part has an iron-rich layer having an Fe/As molar ratio of at least 1.24. The particles can be obtained in a reaction process of feeding an oxygen-containing gas to an aqueous solution containing an arsenic(V) ion and an iron(II) ion to precipitate a scorodite-type iron-arsenic compound crystal at a pH of at most 2 in which an oxidizing agent is further added to the liquid before the end of the reaction (treatment A).

No. of Pages : 54 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7458/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : TRACK WITH ROTATING BUSHINGS FOR TRACK-TYPE VEHICLES

(51) International classification	:B62D 55/21	(71) Name of Applicant :
(31) Priority Document No	:MI2009A000462	1)BERCO S.P.A
(32) Priority Date	:24/03/2009	Address of Applicant :Via I ^o Maggio 237 I-44034 Copparo
(33) Name of priority country	:Italy	FE Italy
(86) International Application No	:PCT/IB2010/000147	(72) Name of Inventor :
Filing Date	:27/01/2010	1)GRENZI Francesco
(87) 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 track (10) for track-type vehicles is described comprising a continuous sequence of articulated joints (12 12TM) of the hinge type oriented according to a first axis (A-A) substantially perpendicular to the central longitudinal development axis (B-B) of the track (10). The articulated joints (12 12TM) provided with pins (36 36TM) are connected to each other and maintained at a constant distance through pairs of links (14) having longitudinal development arranged laterally and symmetrically with respect to the longitudinal central axis (B-B). Around each pin (36 36TM) a bushing (40) is mounted free to rotate with respect to the pin (36 36TM) itself and between each pin (36 36TM) and the links (14) at least one sliding bearing (44) is press-fitted.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7459/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : ACCESS MODE-BASED ACCESS CONTROL

(51) International classification	:H04W 36/08	(71) Name of Applicant :
(31) Priority Document No	:61/175,306	1)QUALCOMM Incorporated
(32) Priority Date	:04/05/2009	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2010/033628	U.S.A.
Filing Date	:04/05/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)HORN Gavin Bernard
(61) Patent of Addition to Application Number	:NA	2)AGASHE Parag Arun
Filing Date	:NA	3)GUPTA Rajarshi
(62) Divisional to Application Number	:NA	4)PRAKASH Rajat
Filing Date	:NA	

(57) Abstract :

Access control for an access point (e.g. a cell of the access point) may be based on an access mode associated with the access point. For example depending on the access mode access control may involve performing a membership check for the access point. Such a membership check may be performed at a network entity a source access point or some other suitable location in a network. In some aspects access control may involve performing a membership check for an access point in conjunction with a context fetch procedure. Such a procedure may be performed for example when an access terminal arrives at the access point after experiencing RLF at another access point.

No. of Pages : 66 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7507/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHODS AND DEVICES FOR WIRELESS RELAY

(51) International classification	:H04B7/24	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3, AVENUE OCTAVE GREARD, F-
(33) Name of priority country	:NA	75007 PARIS France
(86) International Application No	:PCT/CN2009/000426	(72) Name of Inventor :
Filing Date	:21/04/2009	1)SHEN, GANG
(87) International Publication No	:WO 2010/121395 A1	2)ZHENG, WU
(61) Patent of Addition to Application Number	:NA	3)WANG, DONGYAO
Filing Date	:NA	4)LIU, JIMIN
(62) Divisional to Application Number	:NA	5)WANG, WEI
Filing Date	:NA	6)HAN, FENG
		7)JIANG, QI

(57) Abstract :

A relay method and device, wherein the control signal and the data signal which are in the same subframe are directly sent to a lower level device respectively by an upper level device and a relay function device. In one example, the relay function device transmits data signal using subscriber special reference signal to make the lower level device estimate an access channel correctly; in another example, the relay function device carries out precoding of the data signal correlative with the access channel so as to cancel the influence of the access channel, thereby make the lower level device receive data signal correctly. Retransmission control signaling is sent to the lower level device in each subframe by the upper level device to ensure the fixed sequential relationship of feedback retransmission.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7472/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : TARGET IMAGE ADS

(51) International classification	:G06Q30/00
(31) Priority Document No	:12/424,294
(32) Priority Date	:15/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031161
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/120978 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)GOOGLE INC.

Address of Applicant :1600 AMPHITHEATRE PARKWAY, MOUNTAIN VIEW, CA 94043 U.S.A.

(72)Name of Inventor :

1)WU, ALEX CHIH

(57) Abstract :

Product information specifying products or services is received, each of the products or services being associated with an advertisement. Display criteria indicating display properties associated with the product information for displaying the product information, and one or more keywords are also received. The advertisement is identified in response to the one or more keywords. Advertisement display data for displaying the advertisement on the webpage is generated. Presentation data for displaying the product information according to the display properties separate from and proximate to the webpage is generated. The advertisement display data and the presentation data are provided to a client device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.7477/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : RETROREFLECTIVE SHEETING INCLUDING A LOW INDEX COATING

(51) International classification	:B32B3/00	(71) Name of Applicant :
(31) Priority Document No	:61/169,532	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:15/04/2009	Address of Applicant :3M CENTER, POST OFFICE BOX
(33) Name of priority country	:U.S.A.	33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(86) International Application No	:PCT/US2010/031276	(72) Name of Inventor :
Filing Date	:15/04/2010	1)PATEL, SUMAN K.
(87) International Publication No	:WO 2010/121054 A1	2)COGGIO, WILLIAM D.
(61) Patent of Addition to Application Number	:NA	3)PEKUROVSKY, MIKHAIL, L.
Filing Date	:NA	4)SMITH, KENNETH L.
(62) Divisional to Application Number	:NA	5)FREE, MICHAEL BENTON
Filing Date	:NA	6)KOLB, WILLIAM BLAKE

(57) Abstract :

Retroreflective articles and constructions are disclosed. One exemplary retroreflective article or construction includes a retroreflective layer and a low refractive index layer. In one exemplary embodiment, the low refractive index layer is adjacent to at least a portion of a retroreflective structured major surface of the retroreflective layer.

No. of Pages : 54 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7479/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DATA PACKET RELAYING AND DATA PACKET DECODING

(51) International classification	:H04W88/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3, AVENUE OCTAVE GREARD, F-
(33) Name of priority country	:NA	75007 PARIS France
(86) International Application No	:PCT/CN2009/000446	(72)Name of Inventor :
Filing Date	:27/04/2009	1)LI, JI
(87) International Publication No	:WO 2010/124408 A1	2)WANG, YONGGANG
(61) Patent of Addition to Application Number	:NA	3)HU, ZHONGJI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a technical scheme for forwarding data packets from one or more user terminals in a relay station, and a technical scheme for decoding the multiple data packets from the user terminals in a base station. The relay station performs network encoding on copies of multiple user terminal packets from one or more user terminals to obtain a network encoded data packet and sends the data packet to the base station. The base station receives copies of multiple user terminal packets from one or more user terminals, respectively, and a network encoded data packets from the relay station, and performs joint soft combining and decoding on them.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.748/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : AN ADAPTIVE METHOD FOR PROCESSING DIGITAL IMAGES AND AN IMAGE PROCESSING DEVICE

(51) International classification	:G06T 9/00
(31) Priority Document No	:12/459,022
(32) Priority Date	:24/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/FI2010/050512
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)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
Finland

(72)Name of Inventor :

1)Jarmo Nikula

2)Tero Rissa

3)Samu Koskinen

(57) Abstract :

A method for providing an output image (IMG2) based on an input image(IMG1), the method comprising determining a location (i,j) of an output pixel (P2) with respect to the input image (IMG1), determining values of elements (E) of a filter array (FA1) such that the effective width (w3) of the filter array (FA1) depends on the density of exposed input pixels (P1) within the input image(IMG1), and determining the value of the output pixel (P2) by performing a sum-of-products operation between non-zero values of the elements (E) of the filter array (FA1) and the values of input pixels (P1) of the input image(IMG1)located at respective positions, when the filter array (FA1) is superimposed on the input image (IMG1) such that the center (BP) of the filter array (FA1) corresponds to the location of the output pixel(P2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7522/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM FOR FORMING LAYERS OF PACKAGES TO BE PALLETIZED AND
PALLETIZATION PLANT THEREOF

(51) International classification	:B65G 47/90	(71)Name of Applicant :
(31) Priority Document No	:RM2009A000121	1)S.I.P.A. SOCIETA INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A.
(32) Priority Date	:20/03/2009	Address of Applicant :VIA CADUTI DEL LAVORO, 3, I- 31029 VITTORIO VENETO Italy
(33) Name of priority country	:Italy	
(86) International Application No	:PCT/IB2010/051236	
Filing Date	:22/03/2010	
(87) International Publication No	:WO 2010/106529	
	A1	
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BOSCHI, ANDREA 2)ZOPPAS, MATTEO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A gripping head (1) comprises a supporting element (11), e.g. a horizontal plate, adapted to rotate about a first rotation axis (α,-) with which two or more grippers (12) are pivotally associated, so that each gripper is adapted to rotate about a symmetry axis (|3) thereof, said rotation axes being parallel to each other, and being the rotation motion of each gripper independent from the others. Therefore, each gripper is adapted to rotate about a symmetry axis (P) thereof and revolve about the rotation axis (a) of the supporting element with which they are pivotally associated. A preferred plant, comprising said gripping head (1), comprises a belt conveyor and a mechanical limb (2) with which said gripping head (1) is pivotally associated.

No. of Pages : 19 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7503/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR HYBRID COURSE INSTRUCTION

(51) International classification	:G06Q50/00
(31) Priority Document No	:61/167,364
(32) Priority Date	:07/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030257
Filing Date	:07/04/2010
(87) International Publication No	:WO 2010/118145 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)LEARNING TREE INTERNATIONAL

Address of Applicant :1805 LIBRARY STREET, RESTON,
VIRGINIA 20190 U.S.A.

(72)Name of Inventor :

1)KENDALL LAINE

2)DAVE O'NEAL

3)BETH HADEN

4)MAGNUS NYLUND

(57) Abstract :

Systems and methods related to providing an electronic presentation to both in-class attendees and remotely located out-of-class attendees, in which video and audio associated with the presentation is provided to the remote attendees, and out-of-class programmable systems are programmed to execute an educational exercise associated with the presentation and be remotely operated by the remote attendees.

No. of Pages : 59 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7536/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : WINDOW OR DOOR WITH PROFILE COMPOSED INTERNALLY OF PVC AND EXTERNALLY OF WOOD•

(51) International classification	:E06B 3/30
(31) Priority Document No	:2009/02793
(32) Priority Date	:09/04/2009
(33) Name of priority country	:Turkey
(86) Internal Application No Filing Date	:PCT/TR2010/000077 :09/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)AHMET CIHAT ESEN

Address of Applicant :Tekstilkent Koza Plaza B Blok. 11
Kat Atisalani Esenler Istanbul Turkey

(72)Name of Inventor :

1)AHMET CIHAT ESEN

(57) Abstract :

The invention relates to doors (30) and windows (24) which are formed with frame profiles (1) wing profiles (14) and/or meeting rail profiles (16) by combination of the PVC profiles (5) and wood profiles (10) and it is characterized in that; it comprises: at least one wood profile housing (7) formed on the PVC profile (5) PVC profile mounting extensions (15) formed on the wood profile housing (7) and at least one wood profile fitting extension (11) and/or wood profile protrusion (12) formed on the wood profile (10) which is mounted on the knurled structure (9) that is formed on the PVC profile mounting extensions (15).

No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7537/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : MANUAL PUMP FOR INTRAVENOUS FLUIDS

(51) International classification	:A61M 5/00	(71) Name of Applicant : 1)LIFEMEDIX LLC Address of Applicant :4396 Regal Drive Akron (84) OH 44321 U.S.A.
(31) Priority Document No	:61/164,763	
(32) Priority Date	:30/03/2009	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/029185	1)SALGIA Anup Dev T. D.O.
Filing Date	:30/03/2010	2)KOLOSI William D.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A manual intravenous pump includes an input line a fluid reservoir operatively connected to the input line and an output line operatively connected to the fluid reservoir. The manual intravenous pump further includes a manually operable actuator configured to facilitate the flow of fluid from the input line through the fluid reservoir and to the output line.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7538/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : ISOLATING METHOD FOR UMBILICAL CORD BLOOD- D RIVED PLURIPOTENT STEM CELLS EXPRESSING ZNF281•

(51) Int n tional classification	:C12N 5/ 74	(71)Name of Applicant :
(31) Priority Document No	:10-2009-0023821	1)SNU R&DB FOUNDATION
(32) Priority Date	:20/03/2009	Address of Applicant :San 56-1 Sinlim-dong Gwanak-gu
(33) Name of priority country	:Republic of Korea	Seoul 151-919 Republic of Korea
(86) International Application No	:PCT/KR2010/001338	(72)Name of Inventor :
Filing Date	:03/03/2010	1)KANG Kyung Sun
(87) International Publication No	: NA	2)ROH Kyoung Hwan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for isolating pluripotent/multipotent stem cells derived from umbilical cord blood characterized by culturing monocytes isolated from umbilical cord blood in a culture vessel containing fibronectin and then harvesting stem cells from the culture the umbilical cord blood-derived pluripotent/multipotent stem cells isolated thereby; and a cell therapeutic agent containing the pluripotent/multipotent stem cells derived from umbilical cord blood or cells differentiated therefrom. The present invention also relates to a novel culture media for stem cells a culture method for stem cells which is characterized by culturing and proliferating stem cells in the culture media and a method for increasing stemness of stem cells which is characterized by a sphere culture or a three-dimensional culture of stem cells.

No. of Pages : 56 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7539/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ESTIMATING AN EFFICIENCY OF A POWER DEVICE

(51) International classification	:H02J 7/00	(71) Name of Applicant : 1)AMERICAN POWER CONVERSION CORPORATION Address of Applicant :132 Fairgrounds Road West Kingston RI 02892 U.S.A.
(31) Priority Document No	:12/412,645	
(32) Priority Date	:27/03/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/028780	
Filing Date	:26/03/2010	
(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	

(57) Abstract :

A method for estimating an efficiency of a power device includes identifying a state of operation of the power device measuring power-related information produced by the power device and determining an estimated efficiency of the power device based in part on the state of operation of the power device and power loss parameters associated with the power device by using the measured power-related information. Other methods and devices for measuring efficiency are further disclosed.

No. of Pages : 27 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.754/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : WRAPPING AN OBJECT WITH A FILM USING A TAPE FOR CUTTING THE FILM

(51) International classification	:B05D1/32	(71) Name of Applicant :
(31) Priority Document No	:61/226,947	1)VAN DEN BERGHE, GARRY CYRILLE
(32) Priority Date	:20/07/2009	Address of Applicant :709 MT. YORK DRIVE, COLDSTREAM, BRITISH COLUMBIA V1B 3X2 Canada
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/CA2010/000934	1)VAN DEN BERGHE, GARRY CYRILLE
Filing Date	:25/06/2010	2)AMBORSKY, ROBERT
(87) International Publication No	:WO 2011/009191 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vehicle is wrapped by a printed adhesive film where the film is also applied over doors and other areas intended not to be covered. The film is cut at the door edge and over the area by adhesively attaching a tape having a release coating on the front surface and carrying a filament along a center of the front side. The printed film is applied over the door, the area not to be covered and the tapes and is cut along the door edge and around the area by pulling the filament from the tape so that a strip of the film at the door edge and the film over the area can be removed. The film can be stretched and pulled away from the tape for reapplying for proper fit.

No. of Pages : 34 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7494/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A ME HOD AND DEVICE FOR FILTERING PLATELETS•

(51) International classification	:A61M 1/34
(31) Priority Document No	:61/187,052
(32) Priority Date	:15/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/037203 :03/06/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)BIOVEC TRANSFUSION LLC

Address of Applicant :980 N. Michigan Avenue Suite 1800
Chicago IL 60611 U.S.A.

(72)Name of Inventor :

1)SEHGAL Lakshman R.

(57) Abstract :

The present invention relates to methods for removing antiplatelet agents and anticoagulants from a platelet preparation. In one embodiment the method includes the step of flowing the platelet preparation through a filtering tube comprising a filtering membrane and separating the antiplatelet agents and anticoagulants from the platelet preparation by tangential flow filtration. In another embodiment the method includes the step of passing the platelet preparation through porous material that specifically binds to the antiplatelet agents and anticoagulants.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7495/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : NUCLEIC ACID MOLECULE•

(51) International classification	:A61K 39/008
(31) Priority Document No	:0906906.3
(32) Priority Date	:23/04/2009
(33) Name of priority country	:U.K.
(86) International Application	:PCT/GB2010/000815
o Filing Date	:23/04/2010
(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)THE UNIVERSITY OF YORK

Address of Applicant :Heslington North Yorkshire York
YO10 5DD Great Britain. U.K.

2)UNIVERSITY OF EDINBURGH

(72)Name of Inventor :

1)KAYE Paul

2)SMITH Deborah

3)LACEY Charles

4)AEBISCHER Anton

(57) Abstract :

We describe non-naturally occurring synthetic genes and their use in a vaccine in providing prophylactic and therapeutic treatment of leishmaniasis.

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7496/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : BIOS IMAGE MANAGER

(51) International classification	:G06F 9/445	(71) Name of Applicant : 1)HEWLETT-PACKARD DEVELOPMENT COMPANY L.P. Address of Applicant :11445 Compaq Center Drive West Houston TX 77070 U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/US2009/042164	
Filing Date	:29/04/2009	
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JOHN LANDRY
Filing Date	:NA	2)JAMES LUKE MONDSHINE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A machine and method to manage BIOS images.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.7497/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ALTERING A USER INTERFACE OF A POWER DEVICE

(51) International classification	:G06F 9/44
(31) Priority Document No	:12/412,582
(32) Priority Date	:27/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028321
Filing Date	:23/03/2010
(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

(71)Name of Applicant :

1)AMERICAN POWER CONVERSION CORPORATION

Address of Applicant :132 Fairgrounds Road West
Kingston RI 02892 U.S.A.

(72)Name of Inventor :

1)DEOKAR Vishwas Mohaniraj

2)SPITAELS James S.

3)TRIVEDI Himanshu

4)RODENHISER Fred W.

5)BROOKSHIRE Kyle

(57) Abstract :

A system and method for altering a user interface of a power device is provided. The user interface includes an interface structure. The method includes acts of receiving user preference information determining additional configuration information of the power device adapting the interface structure based at least in part on the user preference information and the additional configuration information and providing at least a portion of the adapted interface structure to a user via the user interface.

No. of Pages : 56 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7548/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SPLASH PROOF ACOUSTICALLY RESISTIVE COVER ASSEMBLY

(51) International classification	:H04R1/02
(31) Priority Document No	:12/428,104
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001202
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/123568 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)**GORE ENTERPRISE HOLDINGS, INC.**

Address of Applicant :551 PAPER MILL ROAD, P.O. BOX 9206, NEWARK, DE 19714-9206 U.S.A.

(72)Name of Inventor :

1)**BANTER, CHAD**

2)**HOLLIDAY, ANDREW**

3)**LUSVARDI, VICTOR**

(57) Abstract :

An acoustically resistive protective cover assembly for an opening in a casing is provided, the casing separates an enclosed space from the ambient space and has an exposed face oriented toward the ambient space and an internal face oriented toward the internal space. The cover assembly comprises an acoustically resistive porous material disposed upon the exposed face of the case and an acoustically resistive water repellent material disposed upon the internal face of the case.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.755/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : MOBILE GAMING UNIT AND THE PROCESS OF USE AND OPERATION

(51) International classification	:G07F 17/32	(71) Name of Applicant :
(31) Priority Document No	:PV2010-622	1)CECHMANEK DAVID
(32) Priority Date	:18/08/2010	Address of Applicant :BREZNICE 557, CZ-760 01 ZLIN
(33) Name of priority country	:Czech Republic	Czech Republic
(86) International Application No	:PCT/CZ2011/000010	(72) Name of Inventor :
Filing Date	:28/01/2011	1)CECHMANEK DAVID
(87) International Publication No	:WO/2012/022274	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The mobile gaming unit for the lottery and betting industry comprising the main control unit (1), enabling multiple connections, connected on-line to the server (4) of the central gaming system, at least one central display unit (3), the central currency accepting mechanism (6) and the maintenance monitoring module (5). The currency accepting mechanism (6), the maintenance monitoring module (5), and central display unit (3) are installed away from the control unit (1), and are connected with it by any known wire or wireless link. The control unit (1) is connected to at least one portable video terminal (2). The manner of use of the mobile gaming unit, in which the credit is set on the maintenance monitoring module (5) or on the central currency accepting mechanism (6), then the numerical key is pressed on the keypad (22, 35) corresponding to the sequence number of the respective video terminal (2), and, finally, using the function push-button (36, 29) the inserted credit is transferred via the control unit (1) to the required portable video terminal (2) by means of any known communication device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7540/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : DIRECT CONTROL OF DEVICES THROUGH A PROGRAMMABLE CONTROLLER USING INTERNET PROTOCOL

(51) International classification	:G05B 19/05
(31) Priority Document No	:12/415,674
(32) Priority Date	:31/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028587
Filing Date	:25/03/2010
(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

(71)Name of Applicant :

1)SCHNEIDER ELECTRIC USA INC.

Address of Applicant :One High Street North Andover MA 01845 U.S.A.

(72)Name of Inventor :

1)SNIDE Todd A.

(57) Abstract :

Aspects of the invention support direct communication between a low-level device and a programmable controller over an automation bus in an industrial automation system for controlling and monitoring an industrial process. A leaf node device may include a low-level device. The leaf node device communicates directly with the programmable controller at the network layer e.g. Internet Protocol (IP) based on an IP address contained in a signal so that the programmable controller may control the low-level device or receive status information about the low-level device. The industrial automation system may support a plurality of leaf node devices which may be associated with different automation buses having different communication media. Signals between the programmable controller and the leaf node device may be directed with or without a switching element.

No. of Pages : 26 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7541/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : BATTERY LIFE ESTIMATION

(51) International classification	:G01R 31/36
(31) Priority Document No	:12/410,404
(32) Priority Date	:24/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028348
Filing Date	:23/03/2010
(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

(71)Name of Applicant :

1)AMERICAN POWER CONVERSION CORPORATION

Address of Applicant :132 Fairgrounds Road West
Kingston Rhode Island 02892 U.S.A.

(72)Name of Inventor :

1)WHITE Kevin

2)COHEN Daniel C.

(57) Abstract :

A method of estimating battery lifetime includes monitoring a charge characteristic of a battery during a first time period monitoring an operating condition of the battery determining a first battery life value for the first time period based on the operating condition of the battery the charge characteristic and a duration of the first time period determining an overall battery life value using the first battery life value and a second battery life value for a second time period and estimating a remaining battery lifetime for the battery based on the overall battery life value.

No. of Pages : 54 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.7582/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR COMPUTING COOLING REDUNDANCY AT THE RACK LEVEL

(51) International classification	:G06F 1/20
(31) Priority Document No	:12/416,567
(32) Priority Date	:01/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028271
Filing Date	:23/03/2010
(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

(71)Name of Applicant :

1)AMERICAN POWER CONVERSION CORPORATION

Address of Applicant :132 Fairgrounds Road West
Kingston RI 02892 U.S.A.

(72)Name of Inventor :

1)VANGILDER James W.
2)HEALEY Christopher M.

(57) Abstract :

A system and method for designing aspects of a cooling system for a data center is provided. A method is provided including computing cooling redundancy at each rack position in a data center in real time. The redundancy can be reported using the traditional N + 1 N + 2 etc. notation where N is the number of coolers required to meet the primary cooling load type specification. The redundancy can also be reported in terms of a Cooling Reliability Index (CRI) which also takes into account the inherent availability of the specific cooling units in the design.

No. of Pages : 42 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7584/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHODS AND APPARATUS FOR OPTIMIZING PAGING MECHANISMS AND PUBLICATION OF DYNAMIC PAGING MECHANISMS

(51) International classification	:H04W 68/00	(71) Name of Applicant : 1)Apple Inc. Address of Applicant :1 Infinite Loop M/S 40-pat Cupertino CA 95014 U.S.A.
(31) Priority Document No	:12/409,398	
(32) Priority Date	:23/03/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/028185	(72) Name of Inventor : 1)CHOI Hyung-Nam
Filing Date	:22/03/2010	
(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	

(57) Abstract :

Methods and apparatus enabling a wireless network to dynamically change or implement paging mode operation such as optimization based on one or more network parameters. In one embodiment the wireless network is a cellular network (e.g. 3G UMTS or LTE) and both base stations and cellular user devices dynamically configure the paging mode operation based on various desired operational attributes relating to the network parameters. Such flexible paging mechanisms may be published to the network users via several methods and users with appropriately enabled user devices may improve their power and applications performance. Base stations may also advantageously reclaim freed-up cellular resources to support other services. Legacy subscribers are also not affected.

No. of Pages : 20 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.7585/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : B-LYMPHOCYTE TARGETING AGENTS FOR USE IN A METHOD FOR THE TREATMENT OF A DISEASE•

(51) International classification	:C07K 16/28	(71) Name of Applicant :
(31) Priority Document No	:09005424.8	1)CHARITE - UNIVERSIT, TS MEDIZIN BERLIN
(32) Priority Date	16/04/2009	Address of Applicant :Schumannstrasse 20/21 10117 Berlin Germany
33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/002362	1)TSCH-PE Carsten
Filing Date	:16/04/ 010	2)SCHULTHEISS H.-P.
(87) International Publication No	: NA	3)ESCHER Felicitas
(61) Patent of Addition to Application Number	:NA	4)VOLK Hans-Dieter
Filing Date	:NA	5)REINKE Petra
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is related to a B-lymphocyte targeting agent for use in a method for the treatment or diagnosis of cardiac insufficiency. Furthermore it is related to a composition comprising such B-lymphocyte targeting agent and methods for determining whether a patient suffering from cardiac insufficiency is amenable to the use of the B-lymphocyte targeting agent for its treatment.

No. of Pages : 31 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.7558/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : WIRELESS TRANSMISSION DEVICE AND MAC FRAME TRANSMISSION METHOD

(51) International classification	:H04W28/10	(71) Name of Applicant : 1)NEC CORPORATION Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO 108-8001 Japan
(31) Priority Document No	:2009-112066	
(32) Priority Date	:01/05/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/003006	
Filing Date	:27/04/2010	
(87) International Publication No	:WO 2010/125803	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A radio transmission apparatus serving as a Layer-2 switch (L2SW) or a router includes a MAC frame transmission device and a radio transmission device with an adaptive modulation function, which switches over a radio transmission capacity in response to fluctuations of quality of radio transmission lines. The radio transmission device determines a modulation method based on reception power of a reception signal from a radio counterpart station, so that a PAUSE frame multiplexing the modulation method is forwarded to the MAC frame transmission device. The MAC frame transmission device detects a current radio transmission capacity from the PAUSE frame, selects QoS setting suited to the radio transmission capacity from among a plurality of QoS settings, and performs a control operation based on QoS setting with respect to a LAN signal from a user network. The radio transmission device modulates and transmits the LAN signal to the radio counterpart station.

No. of Pages : 45 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7562/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : USER GENERATED NOTES INTEGRATED WITH LOCATION-BASED APPLICATION

(51) International classification	:H04W24/00	(71) Name of Applicant : 1)AHA MOBILE, INC. Address of Applicant :3340 HILLVIEW AVENUE, PALO ALTO, CALIFORNIA - 94304 U.S.A.
(31) Priority Document No	:61/162,578	
(32) Priority Date	:23/03/2009	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/028358	1)ACKER, ROBERT, L.
Filing Date	:23/03/2010	2)SAAVEDRA, RAFAEL
(87) International Publication No	:WO 2010/111301 A1	
(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 are disclosed for displaying geographically and/or temporally relevant multimedia notes on a mobile client device. The user creates a multimedia note through the mobile client device and transmits the note to the server. The server publishes the note and when the note becomes geographically and/or temporally relevant for other users, the server transmits the note to mobile client devices of those users. The server also tracks the route of a mobile client device and generates a web presentation with the tracked route including the multimedia notes embedded in various locations of the route.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7566/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO COMPOSITE STRUCTURES

(51) International classification	:B32B33/00	(71) Name of Applicant :
(31) Priority Document No	:0907009.5	1)VESTAS WIND SYSTEMS A/S
(32) Priority Date	:23/04/2009	Address of Applicant :ALSVEJ 21, DK-8940 RANDERS
(33) Name of priority country	:U.K.	SV Denmark
(86) International Application No	:PCT/GB2010/050667	(72) Name of Inventor :
Filing Date	:23/04/2010	1)APPLETON, STEVE
(87) International Publication No	:WO 2010/122351 A2	2)NIELSEN, KNUD STENBAEK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A core, for a composite structure is described. The core has first and second core layers, and an interlayer region between the first and second core layers. At least one of the first and second core layers has hinge portions that facilitate draping of the core without interrupting the interlayer region. The interlayer region may include functionality such as a radar reflecting layer and/or optical fibres. Alternatively, the core may be bonded core in which the interlayer region includes an adhesive layer for bonding the first and second core layers together.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7598/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : VIDEO DISPLAY APPARATUS, VIDEO VIEWING GLASSES, AND SYSTEM COMPRISING THE DISPLAY APPARATUS AND THE GLASSES

(51) International classification	:H04N13/04
(31) Priority Document No	:2009-097887
(32) Priority Date	:14/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/003306
Filing Date	:14/07/2009
(87) International Publication No	:WO 2010/119490
	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 :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 Japan

(72)Name of Inventor :

1)MIHARA, KAZUHIRO

2)INOUE, SHUJI

3)MITANI, HIROSHI

4)INOE, MASANOBU

5)MATSUMOTO, KEIZO

6)OKAMOTO, KAZUO

7)SAIGO, KATSUO

(57) Abstract :

Provided is a video system equipped with a video display apparatus and video viewing glasses used for viewing a video displayed on the video display apparatus. The video display apparatus includes: a display section for displaying the video; a synchronizing signal generator for generating an external synchronizing signal in synchronism with the video to notify a display end of a frame constituting the video in synchronism with the video; and a synchronizing signal transmitter for transmitting the external synchronizing signal to the video viewing glasses. The video viewing glasses include: a synchronizing signal receiver for receiving the external synchronizing signal; an optical filter section having a pair of optical filters for adjusting light amounts to be transmitted to left and right eyes of a viewer, respectively; and an optical filter controller for controlling the optical filter section in response to the external synchronizing signal.

No. of Pages : 83 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.7586/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : INFLUENZA HEMAGGLUTININ COMPOSITIONS AND USES THEREOF•

(51) International classification	:A61K 47/48	(71) Name of Applicant : 1)CYTOS BIOTECHNOLOGY AG Address of Applicant :Wagistrasse 25 CH-8952 Schlieren Switzerland
(31) Priority Document No	:09159262.6	
(32) Priority Date	:30/04/2009	
(33) Name of priority country	:EPO	
(86) International Application No Filing Date	:PCT/EP2010/055944 :30/04/2010	(72) Name of Inventor : 1)BACHMANN Martin 2)JEGERLEHNER Andrea 3)SAUDAN Philippe
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is in the fields of medicine public health immunology molecular biology and virology. The invention provides compositions vaccine compositions and pharmaceutical compositions for the treatment amelioration and / or prevention of influenza. The compositions vaccine compositions and pharmaceutical compositions of the invention comprise a virus-like particle of an RNA bacteriophage and at least one antigen wherein said at least one antigen is an ectodomain of an influenza virus hemagglutinin protein or a fragment of said ectodomain of an influenza virus hemagglutinin protein. When administered to an animal preferably to a human said compositions vaccine compositions and pharmaceutical compositions efficiently induce immune responses in particular antibody responses wherein typically and preferably said antibody responses are directed against influenza virus. Thus the invention further provides methods of treating ameliorating and / or preventing influenza virus infection.

No. of Pages : 73 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.7587/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : DISPLAY SURFACE AND CONTROL DEVICE COMBINED THEREWITH FOR A DATA PROCESSING SYSTEM

(51) International classification	:G06F 3/042
(31) Priority Document No	:A 587/2009
(32) Priority Date	:16/04/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2010/000109
Filing Date	:15/04/2010
(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)isiQiri interface technologies GmbH

Address of Applicant :Softwarepark 37 A-4232 Hagenberg Austria.

(72)Name of Inventor :

1)Richard EBNER

(57) Abstract :

The invention relates to a display surface and a control device combined therewith for a data processing system wherein the position of a light beam hitting the display surface is measured and the measured result is used by the data processing system as a basis for determining a cursor position on the display surface. Several strip-shaped optical position detectors (2) are arranged along the edge of the display surface (1) the measured signals of which are fed into the data processing system. The cross-sectional shape of the indicator beam (3) is formed by several lines which protrude both the display surface (1) and the position detectors (2) arranged thereon. The optical position detectors (2) are formed by a layered structure made of organic material.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.7588/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : DISTRIBUTION BACKBONE

(51) International classification	:G06Q 50/00	(71) Name of Applicant :
(31) Priority Document No	:61/186,791	1)SONY CORPORATION Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-0075 Japan.
(32) Priority Date	:12/06/2009	2)SONY PICTURES ENTERTAINMENT INC.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/038428	1)DINICOLA Rick
Filing Date	:11/06/2010	2)ROSEN David
(87) International Publication No	: NA	3)KIDO Ryan
(61) Patent of Addition to Application Number	:NA	4)OIYE Tatsuya
Filing Date	:NA	5)STEVENS Keith
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Digitally distributing media content using a distribution backbone system including: receiving a request for media content from a client the request including a client profile; performing inventory and analysis of source assets by iteratively progressing through the client profile to create output; performing a capability mapping in which a series of rules that allow the source assets to be mapped to the client profile; and planning a manufacturing process which determines work items and execution steps from capabilities mapped in response to the request for media content from the client.

No. of Pages : 93 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7589/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : OPTICAL DETECTOR SUITABLE FOR USE IN LIGHT CURTAINS

(51) International classification	:G01B 11/00	(71) Name of Applicant :
(31) Priority Document No	:A 586/2009	1)isiQiri interface technologies GmbH
(32) Priority Date	:16/04/2009	Address of Applicant :Softwarepark 37 A-4232 Hagenberg
(33) Name of priority country	:Austria	Austria.
(86) International Application No	:PCT/AT2010/000108	(72) Name of Inventor :
Filing Date	:15/04/2010	1)Richard EBNER
(87) 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 planar detector for use in light curtains which generates electric signals as a function of absorbed light and is provided with a plurality of tapping points for the generated signals wherein the magnitude of the signals at the respective tapping points is dependent on their distance to the partial surfaces where the light is absorbed and wherein as a function of the magnitude ratios between the signals at several tapping points the distance ratios of the respective tapping points to those partial surfaces where the light is absorbed can be calculated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.751/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : FINE-GRAINED CLOUD MANAGEMENT CONTROL USING NESTED VIRTUALIZATION

(51) International classification	:G06F	(71) Name of Applicant :
(31) Priority Document No	:13/080,015	1)International Business Machines Corporation
(32) Priority Date	:05/04/2011	Address of Applicant :New Orchard Road Armonk New
(33) Name of priority country	:U.S.A.	York 10504 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)HUANG Hai
(87) International Publication No	: NA	2)RUAN Yaoping
(61) Patent of Addition to Application Number	:NA	3)SAHU Sambit
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer implemented method, a computer program product and a data processing system allocate resources within a computing organization. A hypervisor layer is implemented on an underlying hardware. The hypervisor layer comprises a set of virtual machines. A first pseudo-hypervisor layer is then implemented within a first one of the set of virtual machines of the hypervisor layer. The first pseudo-hypervisor layer comprises a second set of virtual machines. A first software component is located within a first virtual machine of the second set of virtual machines of the first pseudo-hypervisor layer. A second software component is collocated within a second virtual machine of the second set of virtual machines of the first pseudo-hypervisor layer.

No. of Pages : 39 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7570/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : HOME AGENT-LESS MIPV6 ROUTE OPTIMIZATION OVER WAN

(51) International classification	:H04L29/06	(71) Name of Applicant :
(31) Priority Document No	:12/434,331	1)QUALCOMM INCORPORATED
(32) Priority Date	:01/05/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/032951	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:29/04/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/127102 A1	1)WASSIM MICHEL HADDAD
(61) Patent of Addition to Application Number	:NA	2)GEORGE TSIRTSIS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Aspects relate to allowing peer nodes that establish a communication through a home agent to move that session to a directly connected link. Thus, the directly connected nodes can exchange packets natively without encapsulation. Further aspects allow a node that does not have any home agent entity to switch from a local network to a global network without losing ongoing sessions.

No. of Pages : 65 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7571/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : MITIGATING INTERFERENCE IN A COMMUNICATION NETWORK

(51) International classification	:H04L1/00	(71) Name of Applicant :
(31) Priority Document No	:12/434,368	1)QUALCOMM INCORPORATED
(32) Priority Date	:01/05/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/032941	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:29/04/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/127095 A1	1)JUNYI LI
(61) Patent of Addition to Application Number	:NA	2)SAURABH TAVILDAR
Filing Date	:NA	3)RAJIV LAROIA
(62) Divisional to Application Number	:NA	4)THOMAS RICHARDSON
Filing Date	:NA	

(57) Abstract :

Aspects relate to mitigating interference in a communication network that does not employ a centralized scheduler. A transmission sent on a subset of resources is evaluated to determine a number of communication pairs that have selected that subset of resources on which to transmit. If there are a large number of communication pairs transmitting on that subset, the transmission is ignored by a receiving device. The number of degrees of freedom that contain energy on the subset is evaluated to determine if an expected number of degrees of freedom that should have energy is met or exceeded. If the expected threshold number is met or exceed, the transmission is decoded by the receiving device, else the transmission is not decoded.

No. of Pages : 60 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7579/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : DEVICE FOR IDENTIFYING A PERSON BY A PRINT THEREOF

(51) International classification	:G06K 9/00	(71) Name of Applicant :
(31) Priority Document No	:09/52722	1)MORPHO
(32) Priority Date	:27/04/2009	Address of Applicant :27 rue Leblanc 75015 PARIS
(33) Name of priority country	:France	FRANCE.
(86) International Application No	:PCT/EP2010/055514	(72) Name of Inventor :
Filing Date	:26/04/2010	1)FOURRE Joël-Yann
(87) International Publication No	: NA	2)PICARD Sylvaine
(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 device (100) for identifying or authenticating a person by a print thereof the identification or authentication device (100) including: a bearing means (102 130) including a transparent base (130) and a transparent block (102) supported by said base (130) on which the part of the body carrying the print is pressed the surface of the transparent block (102) on which the part of the body carrying the print is pressed having a test chart (132) the transparent block (102) being made of a flexible material that deforms and fits the shape of the part of the body carrying the print when the latter is pressed against the former a means (106 126) for capturing an image of said print and the test chart (132) through said bearing means (102 130)

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.7580/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : ELECTRONIC PROPORTIONER USING CONTINUOUS METERING AND CORRECTION

(51) International classification	:G05D 11/00	(71) Name of Applicant :
(31) Priority Document No	:61/163,608	1)GRACO MINNESOTA INC.
(32) Priority Date	:26/03/2009	Address of Applicant :88 11th Avenue NE Minneapolis
(33) Name of priority country	:U.S.A.	Minnesota 55413-1894 U.S.A.
(86) International Application No	:PCT/US2010/026631	(72) Name of Inventor :
Filing Date	:09/03/2010	1)Martin P. MCCORMICK
(87) International Publication No	: NA	2)Richard T. MALLUM
(61) Patent of Addition to Application Number	:NA	3)Jeffrey G. ZINN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The controller of the plural component proportioner (10) dispenses both components (or all three if a three component material) as necessary to maintain the correct mix ratio. The fluid displacement measuring technique described allows this proportioning to take place with the A or main component pump always able to supply fluid to the spray gun without being stopped. The B component at a higher pressure is added as necessary to control ratio. The control can determine whether the pumps were properly loaded with fluid and the fluid was properly compressed for accurate measurement. This technique allows for the proportioned fluids to be provided to the spray gun(s) at high flow rates and consistent spray pressure without interruption.

No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.7556/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PERSONAL AUTHENTICATION USING A MOBILE DEVICE

(51) International classification	:H04W12/00	(71) Name of Applicant : 1)ALTER CORE, S.L. Address of Applicant : LUIS SALAZAR NO. 12, MADRID-28002 Spain
(31) Priority Document No	:P200901024	
(32) Priority Date	:20/04/2009	
(33) Name of priority country	:Spain	(72) Name of Inventor :
(86) International Application No	:PCT/ES2010/000168	1)PEREZ SORIA, JOSE MARIA
Filing Date	:19/04/2010	
(87) International Publication No	:WO 2010/122190 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method for personal certification with respect to a service provider using a mobile device. The method comprises: - providing the user of the mobile device (2) with a two-dimensional code (1), the information contained in said two-dimensional code (1) including encrypted original data which comprise an encrypted session key for certifying the user with respect to the service provider; - the mobile device (2) obtaining an image containing the two-dimensional code (1) via image capturing means; - the mobile device (2) obtaining the two-dimensional code (1) from said image; - the two-dimensional code (1) being converted into a character code; - the mobile device (2) obtaining the original data including the session key for certifying the user before the service provider from said character code, by applying a decryption process.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.7557/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : INCORPORATION OF FUNCTIONAL CLOTH INTO PREPREG COMPOSITES

(51) International classification	:B32B5/26	(71) Name of Applicant : 1)VESTAS WIND SYSTEMS A/S Address of Applicant :ALSVEJ 21, DK-8940 RANDERS SV Denmark
(31) Priority Document No	:0907011.1	
(32) Priority Date	:23/04/2009	
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/GB2010/050665	(72) Name of Inventor : 1)APPLETON, STEVE
Filing Date	:23/04/2010	
(87) International Publication No	:WO 2010/122350 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Incorporation of functional cloth into prepreg composites A combined prepreg material (10) for use in composite lay-up techniques is described. The material (10) comprises first and second layers (12, 18) impregnated with a matrix material such as a resin. The first layer (12) is a functional layer and the second layer (18) is a keying layer. The keying layer (18) comprises a keying medium to facilitate bonding of the combined prepreg material (10) to a gel coat. The functional layer (12) comprises a woven cloth (14). A circuit is provided on a first surface (16) of the cloth (14).

No. of Pages : 19 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.7611/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : DOWNLINK CONTROL TRANSMISSION IN MULTICARRIER OPERATION

(51) International classification	:H04L5/00	(71) Name of Applicant :
(31) Priority Document No	:61/175,411	1)QUALCOMM INCORPORATED
(32) Priority Date	:04/05/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/033621	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:04/05/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/129606 A1	1)WANSHI CHEN
(61) Patent of Addition to Application Number	:NA	2)JELENA M. DAMNJANOVIC
Filing Date	:NA	3)JUAN MONTOJO
(62) Divisional to Application Number	:NA	4)SAI YIU DUNCAN HO
Filing Date	:NA	

(57) Abstract :

A wireless communication network distributes resources for a Physical Downlink Control Channel (PDCCH) over multiple carriers in accordance with a constraint that limits a number of blind decoding actions required by user equipment (UE). Distribution can entail segregating UE-specific and common search spaces to different monitored carriers. Distribution can entail segregating aggregation levels to different monitored carriers. Distribution can entail segregating a number of decoding candidates for a given aggregation level to different monitored carriers. The distribution can be orthogonal or non-orthogonal, and can be UE-based or per cell-based. The distribution can be static, semi-static or hop with time.

No. of Pages : 45 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7612/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : TRANSMISSION AND DETECTION OF OVERHEAD CHANNELS AND SIGNALS IN A WIRELESS NETWORK

(51) International classification	:H04W72/08	(71) Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant :INTERNATIONAL IP ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714 U.S.A.
(31) Priority Document No	:61/174,755	
(32) Priority Date	:01/05/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/033321	
Filing Date	:02/05/2010	
(87) International Publication No	:WO 2009/126586 A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques for transmitting and detecting for overhead channels and signals in a wireless network are described. In an aspect, a base station may blank (i.e., not transmit) at least one overhead transmission on certain resources in order to detect for the at least one overhead transmission of another base station. In one design, the base station may (i) send the overhead transmission(s) on a first subset of designated resources and (ii) blank the overhead transmission(s) on a second subset of the designated resources. The designated resources may be resources on which the overhead transmission(s) are sent by macro base stations. The base station may detect for the overhead transmission(s) from at least one other base station on the second subset of the designated resources. In another aspect, the base station may transmit the overhead transmission(s) on additional resources different from the designated resources.

No. of Pages : 45 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7613/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : IN VIVO HALF LIFE INCREASED FUSION PROTEIN OR PEPTIDE MAINTAINED BY SUSTAINED IN VIVO RELEASE&NBSP; AND METHOD FOR INCREASING IN VIVO HALF-LIFE USING SAME•

(51) International classification	:C07K 19/00	(71)Name of Applicant :
(31) Priority Document No	:10-2009 0035190	1)ALTEOGEN INC
(32) Priority Date	:2 /04/2009	Address of Applicant :2nd Floor Gyeongbidong Expo
(33) Name of priority country	:Republic of Korea	Science Park 3-1 Doryong-dong Yuseong-gu Daejeon 305-
(86) International Application No	:PCT/KR2010/002520	340 Republic of Korea
Filing Date	:22/04/2010	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHUNG Hye-Shin
(61) Patent of Addition to Application Number	:NA	2)YOO Seung Bum
Filing Date	:NA	3)LEE Sang Mee
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a fusion protein or peptide the in vivo half-life of which is increased by maintaining in vivo sustained release and to a method for increasing in vivo half-life using same. A fusion protein or peptide according to the present invention has excellent in vivo stability by binding a physiologically active protein or physiologically active peptide to an alpha-1 antitrypsin mutant or alpha-1 antitrypsin mutant with one or more amino acids mutated to maintain the in vivo sustained release and to significantly increase the half-life thereof in blood (T1/2) compared to an inherent physiologically active protein or physiologically active peptide. Thus a fusion protein or peptide according to the present invention can be useful in developing a sustained-release preparation of a protein or peptide drug.

No. of Pages : 126 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7614/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : WIRELESS CHANNEL CALIBRATION

(51) International classification	:H04B 17/00	(71) Name of Applicant :
(31) Priority Document No	:61/172,124	1)QUALCOMM Incorporated
(32) Priority Date	:23/04/2009	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2010/032272	U.S.A.
Filing Date	:23/04/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)WENTINK Maarten Menzo
(61) Patent of Addition to Application Number	:NA	2)VAN ZELST Albert
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This document describes among other things a method that includes transmitting a calibration initiation frame from a first wireless communication device to a second wireless communication device that comprises a single space-time stream transmitter via a wireless communication medium. The method also includes receiving at the first wireless communication device an acknowledgement frame sent from the second wireless communication device after the second wireless communication device receives the calibration initiation frame. The method further includes transmitting a null data packet (NDP) frame from the first wireless communication device to the second wireless communication device after receiving the acknowledgement frame. In some implementations the method also includes performing beamforming calibration of a

No. of Pages : 45 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7615/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : THROTTLING TRANSMIT POWER IN A WWAN DEVICE BASED UPON THERMAL INPUT

(51) International classification	:H04W 52/02	(71) Name of Applicant :
(31) Priority Document No	:12/437,994	1)QUALCOMM Incorporated
(32) Priority Date	:08/05/2009	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2010/033718	U.S.A.
Filing Date	:05/05/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)PANIAN James L.
(61) Patent of Addition to Application Number	:NA	2)GRILLI Francesco
Filing Date	:NA	3)SPARTZ Michael K.
(62) Divisional to Application Number	:NA	4)LEWIS Daniel J.
Filing Date	:NA	

(57) Abstract :

Systems and methodologies are described that facilitate throttling transmit power of a WWAN module based upon thermal input. For instance the thermal input can be a detected temperature a signal from a computing device associated with the WWAN module a signal from an alternate technology module (e.g. WiFi module WiMax module ...) associated with the WWAN module or the like. A target transmit power ofthe WWAN module can be reduced (e.g. by a predetermined amount . . .) upon occurrence of a condition (e.g. the detected temperature exceeding a threshold the computing device or the alternate technology module requesting a decrease in thermal power . . .) for example. Moreover ttegoliation between the WWAN module and a base station can be effectuated to select an appropriate class (power class or Multi Slot Class) and/or operating mode when the target transmit power ofthe WWAN module is altered.

No. of Pages : 60 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7616/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : PRE-PROCESSING METHOD&NBSP; BASE STATION AND SYSTEM FOR COOPERATIVE COMMUNICATION

(51) International classification	:H04B 7/04
(31) Priority Document No	:200910108823.5
(32) Priority Date	:20/07/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073366
Filing Date	:29/05/2010
(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)Huawei Technologies Co. Ltd.

Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129 P.R.
China.

(72)Name of Inventor :

1)ZHANG Gong

2)LONG Yi

3)PAN Lujia

4)LI Yunbo

5)HE Cheng

6)YANG Xun

(57) Abstract :

Provided are a pre-processing method for cooperative communication and a base station and system for executing the method. The method includes: a common base station group is obtained from the cooperative base station group of a subscriber and the common base station group comprises the aggregation of the base stations providing cooperative service for other subscribers in the cooperative base station group; according to the common base station group the first pre-coding matrix of the subscriber is calculated and the first pre-coding matrix is used for performing cancellation for the interference from the subscriber to other subscribers for which the common base station provides service. The multi-user interference is reduced with the method.

No. of Pages : 51 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7617/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR RESOURCE MAPPING AND CODE DIVISION MULTIPLEXING

(51) International classification	:H04L 27/26
(31) Priority Document No	:201010002397.X
(32) Priority Date	:08/01/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/070082
Filing Date	:07/01/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129 P.R.
China.

(72)Name of Inventor :

1)SUN Weijun

2)ZHOU Yongxing

(57) Abstract :

A logical search space is configured for a user equipment that includes at least scheduling/PDCCH candidates on a first component carrier that schedule radio resources on each of N component carriers CCs. The user equipment is allocated a radio resource on an nth one of the N CCs using one of the scheduling candidates that schedules via a one to one mapping to the nth one of the N CCs. In the above n=1 2 ... N and N is an integer greater than one. Other aspects of the invention are directed to the UE determining its logical search space.

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.7618/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : AMPEROMETRIC ELECTROCHEMICAL SENSOR AND METHOD FOR MANUFACTURING SAME•

(51) International classification	:G01N 27/49
(31) Priority Document No	:09157979.7
(32) Priority Date	:15/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/054854
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 :

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Address of Applicant :Rue Jaquet-Droz 1 CH-2000
Neuchtel Switzerland

(72)Name of Inventor :

1)DE COULON Yves

2)BERIET Carine

3)NIEDERMANN Philippe

(57) Abstract :

The present invention relates to an amperometric electrochemical sensor with a fixed potential used in a probe for measuring the content of an oxidation reduction substance dissolved in a liquid in particular the chlorine content. The sensor (1) includes an insulating substrate (2) a set of electrodes consisting of a working electrode (3) an auxiliary electrode (4) and a reference electrode at least one of said working electrode (3) and auxiliary electrode (4) being configured on said insulating substrate (2). At least one of said working electrode (3) and auxiliary electrode (4) is covered with an insulating layer (8) said insulating layer (8) including at least one opening exposing at least one of said working electrode (3) and auxiliary electrode (4).

No. of Pages : 24 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7619/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : IDENTIFICATION&NBSP; OPTIMIZATION AND USE OF CRYPTIC HLA-A24 EPITOPES FOR IMMUNOTHERAPY•

(51) International classification	:A61K 39/00	(71) Name of Applicant : 1)VAXON BIOTECH Address of Applicant :3-5 Impasse Reille F-75014 Paris
(31) Priority Document No	:NA	
(32) Priority Date	:NA	France
(33) Name of priority co ntry	:NA	
(86) International Application No	:PCT/IB2009/005753	(72) Name of Inventor :
Filing Date	:02/04/2009	1)KOSMATOPOULOS Kostantinos (Kostas)
(87) International Publication No	: NA	2)MENEZ-JAMET Jeanne
(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 pertains to methods for identifying a HLA-A 2402- restricted cryptic epitope in an antigen and for increasing its immunogenicity in order to obtain HLA-A2402-restricted epitopes able to trigger an immune response against HLA- A2402-restricted cryptic epitopes. Isolated peptides consisting of cryptic or optimized HLA- A2402-restricted epitopes are provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7621/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 03/05/2013

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

(51) International classification	:F02M 37/22	(71) Name of Applicant :
(31) Priority Document No	:12/434863	1)CUMMINS FILTRATION IP INC.
(32) Priority Date	:04/05/2009	Address of Applicant :1400 73rd Avenue NE Minneapolis
(33) Name of priority country	:U.S.A.	MN 55432 U.S.A.
(86) International Application No	:PCT/US2010/024711	(72) Name of Inventor :
Filing Date	:19/02/2010	1)CHAD M. THOMAS
(87) International Publication No	: NA	2)ERIC BURGAN
(61) Patent of Addition to Application Number	:NA	3)MARK J. JOHNSON
Filing Date	:NA	4)JEFFREY A. HUSBAND
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

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

No. of Pages : 24 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.7623/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : ION GENERATION APPARATUS

(51) International classification	:H01T23/00	(71) Name of Applicant :
(31) Priority Document No	:2009-076493	1)SHARP KABUSHIKI KAISHA
(32) Priority Date	:26/03/2009	Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/051218	1)HANAI, TAKAHIRO
Filing Date	:29/01/2010	2)FUNABIKI, FUMIMASA
(87) International Publication No	:WO 2010/109944	3)ITO, TOMOHISA
	A1	4)URAMOTO, YOSHIHIRO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An ion generation apparatus includes: an air blower including a motor and two impellers attached to the output shafts projecting respectively from both sides of the motor; and two ducts through which air sent through rotation of the two impellers is individually allowed to flow in the same direction, for emitting the air outside. A part of whole of each of the ducts is provided in the laminar flow section where a flow of the air is changed into a laminar flow. Since an ion generating section is provided in each of the laminar flow sections, ions generated by the ion generating section can be efficiently involved in the air, so as to increase a concentration of the ions emitted to inside of a room together with the air.

No. of Pages : 46 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.760/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND DEVICE FOR CONTENT TRACKING

(51) International classification	:G06Q10/00	(71) Name of Applicant :
(31) Priority Document No	:0901035-6	1)TETRA LAVAL HOLDINGS & FINANCE S.A.
(32) Priority Date	:24/07/2009	Address of Applicant :AVENUE GENERAL-GUISAN 70, CH-1009 PULLY Switzerland
(33) Name of priority country	:Sweden	(72) Name of Inventor :
(86) International Application No	:PCT/SE2010/000144	1)LJUNGKRANTZ, STEFAN
Filing Date	:26/05/2010	2)SMAGASZ BARROS, IGOR
(87) International Publication No	:WO 2011/010958	3)SILVEIRA, GUSTAVO PAVAO DA
	A1	4)BORBA, CLAUDEMIR
(61) Patent of Addition to Application Number	:NA	5)RODRIGUES ALVES, DANIELA
Filing Date	:NA	6)GRASSITELLI FERNANDES, DANIELA
(62) Divisional to Application Number	:NA	7)GARUTI, GIAN PAOLO
Filing Date	:NA	8)CORAZZARI, GIANNI

(57) Abstract :

A method for content tracking of a packaged content is disclosed. The method comprises the steps of obtaining information of the raw material; obtaining transport information; obtaining process information; obtaining packaging information; storing said information of raw material, transport information, process information and packaging information in a database; cross referring said stored information; generating an output comprising said cross referenced information; and labeling the package with said output. Furthermore, a device for content tracking of a packaged content is disclosed. Use of said method and said device, for content tracking of a packaged content, is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.7604/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : MR IMAGING USING PARALLEL SIGNAL ACQUISITION

(51) International classification	:G01R 33/561
(31) Priority Document No	:09156094.6
(32) Priority Date	:25/03/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/051217
Filing Date	:22/03/2010
(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

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)FUDERER Miha

2)PEETERS Johannes M.

3)ROZIJN Thomas H.

4)DUIJNDAM Adrianus J. W.

5)JURRISEN Michel P. J.

6)BENSCHOP Franciscus J. M.

(57) Abstract :

The invention relates to a method of MR imaging of at least a portion of a body (10) of a patient placed in an examination volume of an MR device (1). The object of the invention is to provide an improved i.e. faster parallel imaging technique. The invention proposes to acquire a survey signal data set (21 22) at a low image resolution which survey signal data set (21 22) includes MR signals received in parallel or successively via a volume RF coil (9) and via a set of array RF coils (11 12 13). Spatial sensitivity profiles (23) of the array RF coils (11 12 13) are determined from the low resolution data. As a next step a reference scan is performed in which a reference signal data set (25) is acquired at intermediate resolution solely via the array RF coils (11 12 13).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.763/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD, SYSTEM AND BASE STATION FOR ENHANCED COMMUNICATION EFFICIENCY

(51) International classification	:H04W48/06
(31) Priority Document No	:61/227,256
(32) Priority Date	:21/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2010/004391 :19/07/2010
(87) International Publication No	:WO 2011/009578 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)T-MOBILE AUSTRIA GMBH

Address of Applicant :RENNWEG 97-99, AT-1030 WILEN
Austria

(72)Name of Inventor :

1)CHRISTIAN PRECHTL

2)WOLFGANG WIRTHS

3)PATRICK FROLLER

(57) Abstract :

The invention relates to a method, a system and a base station for enhanced communication efficiency within a cell of a cellular mobile radio network, the method comprising the steps of providing a base transceiver station and a plurality of mobile stations in the mobile radio network cell, transmitting a control message from the base transceiver station to the mobile stations, the control message comprising a modification information indicating that modified transmission conditions are applied during a preferred time interval, wherein for a transmission request of one of the mobile stations to the base transceiver station within the preferred time interval by which the base transceiver station is requested to transmit traffic data to the one of the mobile stations, the modified transmission conditions are applied.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7630/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SELECTING A VIDEO ENCODING FORMAT BASED ON FEEDBACK DATA

(51) International classification	:H04N 7/26
(31) Priority Document No	:61/210,888
(32) Priority Date	:23/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027699
Filing Date	:17/03/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ONLIVE INC.

Address of Applicant :181 Lytton Avenue Palo Alto California 94301 U.S.A.

(72)**Name of Inventor :**

1)PERLMAN Stephen G.

2)VAN DER LAAN Roger

3)COTTER Timothy

4)FURMAN Scott

5)MCCOOL Robert

6)BUCKLEY Ian

(57) Abstract :

A method according to one embodiment comprises: encoding a plurality of video frames or portions thereof according to a first encoding format; transmitting the plurality of encoded video frames or portions to a client device; receiving feedback information from the client device the feedback information usable to determine whether data contained in the video frames or portions has been successfully received and/or decoded; in response to detecting that one or more video frames or portions thereof have not been successfully received and/or decoded determining a number of video frames or portions thereof which have not been successfully received and/or decoded and encoding a new video frame or portion thereof according to the first encoding format the new video frame encoded to be dependent on a last known successfully received video frame or portion thereof; and transmitting the new video frame or portion thereof to the client device.

No. of Pages : 193 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7631/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ACCELERATED MACHINE SWITCHING

(51) International classification	:A63F 9/00	(71) Name of Applicant :
(31) Priority Document No	:61/210,888	1)ONLIVE INC.
(32) Priority Date	:23/03/2009	Address of Applicant :181 Lytton Avenue Palo Alto
(33) Name of priority country	:U.S.A.	California 94301 U.S.A.
(86) International Application No	:PCT/US2010/027730	(72) Name of Inventor :
Filing Date	:17/03/2010	1)BUCKLEY Ian
(87) International Publication No	: NA	2)MCCOOL Robert
(61) Patent of Addition to Application Number	:NA	3)FURMAN Scott
Filing Date	:NA	4)COTTER Timothy
(62) Divisional to Application Number	:NA	5)VAN DER LAAN Roger
Filing Date	:NA	6)PERLMAN Stephen G.

(57) Abstract :

A method according to one embodiment comprises: initiating a new online video game in response to user input from a client device the online video game being in a first state on a first server when initiated; executing the online video game on the server causing the online video game to enter into a second state; pausing or terminating the online video game; determining differences between the first state and the second state and generating difference data containing the differences; transmitting the difference data over a network to a second server the second server; and recreating the second state from the difference data and the first state in response to user input indicating that the user wishes to resume the online video game and in response to the second server being selected as the server on which to execute the video game.

No. of Pages : 188 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7632/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR VIDEO COMPRESSION USING FEEDBACK INCLUDING DATA RELATED TO THE SUCCESSFUL RECEIPT OF VIDEO CONTENT

(51) International classification	:H04N 7/12	(71) Name of Applicant :
(31) Priority Document No	:61/210,888	1)ONLIVE INC.
(32) Priority Date	:23/03/2009	Address of Applicant :181 Lytton Avenue Palo Alto
(33) Name of priority country	:U.S.A.	California 94301 U.S.A.
(86) International Application No	:PCT/US2010/027712	(72) Name of Inventor :
Filing Date	:17/03/2010	1)PERLMAN Stephen G.
(87) International Publication No	: NA	2)VAN DER LAAN Roger
(61) Patent of Addition to Application Number	:NA	3)COTTER Timothy
Filing Date	:NA	4)FURMAN Scott
(62) Divisional to Application Number	:NA	5)MCCOOL Robert
Filing Date	:NA	6)BUCKLEY Ian

(57) Abstract :

A computer-implemented system and method for performing video compression are described. For example a method according to one embodiment comprises: encoding a first plurality of video frames wherein each encoded video frame or portion thereof is dependent on a previously-encoded video frame or portion thereof respectively; transmitting the first plurality of encoded video frames or portions to a client device; receiving feedback information from the client device the feedback information usable to determine whether data contained in the video frames has not been successfully received and/or decoded; in response to detecting that a video frame or portion thereof has not been successfully received and/or decoded encoding a current video frame or portion thereof to be dependent on a previously-encoded video frame or portion thereof known to have been successfully received and/or decoded on the client device; and transmitting the current video frame or portion thereof to the client device.

No. of Pages : 192 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.764/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : IMAGE PROCESSING APPARATUS AND METHOD, AND PROGRAM

(51) International classification	:G06T19/00
(31) Priority Document No	:2010-122725
(32) Priority Date	:28/05/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/002839
Filing Date	:20/05/2011
(87) International Publication No	:WO 2011/148606
	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)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO 1080075 Japan

(72)Name of Inventor :

1)TATSUMI SAKAGUCHI

(57) Abstract :

An apparatus for processing source images having known viewpoints is disclosed. The apparatus may include a viewpoint determining section for determining, relative to the known viewpoints, left-eye and right-eye viewpoints of a viewer. Additionally, the apparatus may include a disparity image generating section. The disparity generating section may be for selecting data of at least one of the source images, based on the determined left-eye viewpoint, as raw left-eye data. In addition, the disparity generating section may be for selecting data of at least one of the source images, based on the determined right-eye viewpoint, as raw right-eye data. The disparity generating section may also be for outputting left-eye image data, based on the raw left-eye data. Additionally, the disparity generating section may be for outputting right-eye image data, based on the raw right-eye data.

No. of Pages : 85 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7644/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MULTI-STREAM VIDEO COMPRESSION

(51) International classification	:G06K 9/36	(71) Name of Applicant : 1)ONLIVE INC. Address of Applicant :181 Lytton Avenue Palo Alto California 94301 U.S.A.
(31) Priority Document No	:61/210,888	
(32) Priority Date	:23/03/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/027725	(72) Name of Inventor :
Filing Date	:17/03/2010	1)PERLMAN Stephen G.
(87) International Publication No	: NA	2)VAN DER LAAN Roger
(61) Patent of Addition to Application Number	:NA	3)COTTER Timothy
Filing Date	:NA	4)FURMAN Scott
(62) Divisional to Application Number	:NA	5)MCCOOL Robert
Filing Date	:NA	6)BUCKLEY Ian

(57) Abstract :

A system according to one embodiment comprises: a video game server receiving user inputs related to an online video game and rendering a sequence of video images; a first stream encoder to compress the sequence of video images and generate a live video stream during a session with a user the first stream encoder receiving channel feedback signals from the client device and responsively adapting compression of the sequence of video images based on the channel feedback signals the first stream encoder transmitting the live video stream to the client device; a second stream encoder to compress the sequence of video images at a specified video quality and/or compression ratio unrelated to the channel feedback signal during the live gaming session with the user generating a High Quality (HQ) video stream the HQ video stream having a relatively higher video quality and/or lower compression ratio than the live video stream.

No. of Pages : 188 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7645/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR UTILIZING FORWARD ERROR CORRECTION WITH VIDEO COMPRESSION

(51) International classification	:H04N 7/12
(31) Priority Document No	:61/210,888
(32) Priority Date	:23/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027727
Filing Date	:17/03/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ONLIVE INC.

Address of Applicant :181 Lytton Avenue Palo Alto California 94301 U.S.A.

(72)Name of Inventor :

1)PERLMAN Stephen G.

2)VAN DER LAAN Roger

3)COTTER Timothy

4)FURMAN Scott

5)MCCOOL Robert

6)BUCKLEY Ian

(57) Abstract :

For example a method according to one embodiment comprises: encoding a plurality of video frames or portions thereof according to a first encoding format; transmitting the plurality of encoded video frames or portions to a client device; receiving feedback information from the client device the feedback information usable to determine whether data contained in the video frames or portions has not been successfully received and/or decoded; in response to detecting that one or more video frames or portions thereof have not been successfully received and/or decoded then either encoding a new video frame or portion thereof according to a second encoding format or encoding the new video frame to be dependent on the last video frame or portion thereof known to have been successfully received and/or decoded.

No. of Pages : 192 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2009

(21) Application No.765/CHE/2009 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A DRIVE CIRCUIT FOR A SYNCHRONOUS MOTOR

(51) International classification	:H02P	(71) Name of Applicant : 1)INDIAN INSTITUTE OF SCIENCE Address of Applicant :BANGALORE-560012 Karnataka
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 hybrid synchronous motor drive circuit and method operates in one or two or more modes based on the speed of the synchronous machine. In first mode, the synchronous machine is driven at a relatively low frequency by a current controlled voltage source inverter (VSI). In a second mode, the synchronous machine is driven at a relatively high frequency by a load commutated inverter (LCI) in tandem with the VSI. In the second mode, the LCI acts as the main power source for controlling the machine and determining machine torque and speed. The VSI acts as a harmonic compensator by compensating the dominant harmonic currents fed to the machine from the LCI such that the synchronous machine will see sinusoidal currents and thereby sinusoidal voltages at its terminals. The VSI also functions to provide sufficient reactive power at fundamental frequency so that the thyristors in the inverter are load commutated.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.765/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : CONTROL APPARATUS, CONTROL METHOD, AND PROGRAM

(51) International classification	:H04N5/232
(31) Priority Document No	:2009-176625
(32) Priority Date	:29/07/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2010/062299 :22/07/2010
(87) International Publication No	:WO 2011/013562 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)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO 1080075 Japan

(72)Name of Inventor :

1)SHINGO YOSHIZUMI

(57) Abstract :

The present invention relates to a control apparatus, a control method, and a program in which, when performing automatic image-recording, the frequency with which image-recording is performed can be changed so that the recording frequency can be suitably changed in accordance with, for example, a user's intention or the state of an imaging apparatus. In the, imaging apparatus, the recording frequency can be changed and set in accordance with, for example, a user operation. In accordance with this, a predetermined parameter related to automatic image-recording is changed and set internally, so that an operation reflecting the recording frequency can be obtained as actual automatic image-recording.

No. of Pages : 111 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.7669/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : WORKING VEHICLE HAVING COOLING SYSTEM WITH SUCTION DEVICE

(51) International classification	:F01P11/12	(71) Name of Applicant :
(31) Priority Document No	:61/163,584	1)CROWN, EQUIPMENT CORPORATION
(32) Priority Date	:26/03/2009	Address of Applicant :40 SOUTH WASHINGTON
(33) Name of priority country	:U.S.A.	STREET, NEW BREMEN, OHIO 45869 U.S.A.
(86) International Application No	:PCT/US2010/024714	(72) Name of Inventor :
Filing Date	:19/02/2010	1)BUCHMANN, JUERGEN
(87) International Publication No	:WO 2010/110973 A1	2)DAVIS, DEAN , E.
(61) Patent of Addition to Application Number	:NA	3)GAMERTSFELDER, DEREK, M.
Filing Date	:NA	4)KREMER, JASON, R.
(62) Divisional to Application Number	:NA	5)LUEBRECHT, DONALD, E.
Filing Date	:NA	6)NELLEN, JOERG
		7)STEIN, NICHOLAS, J.

(57) Abstract :

A work vehicle is provided comprising; a main frame including an engine compartment; an engine located in the engine compartment; and a cooling system comprising a rotating fan apparatus and a cooling assembly. The cooling assembly may comprise a heat exchanger for transferring energy in the form of heat from a coolant fluid to air and a filter apparatus positioned adjacent an engine-compartment side of the heat exchanger. The air may be moved through the heat exchanger by the fan apparatus. The filter apparatus may filter the air before the air passes through the heat exchanger. The filter apparatus may comprise filter structure and a suction device for removing debris from the filter structure. The suction device preferably expels the debris outside of the engine compartment.

No. of Pages : 27 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7629/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR COMPRESSING VIDEO BASED ON LATENCY MEASUREMENTS AND OTHER FEEDBACK

(51) International classification	:H04N 7/26
(31) Priority Document No	:61/210,888
(32) Priority Date	:23/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027692
Filing Date	:17/03/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ONLIVE INC.

Address of Applicant :181 Lytton Avenue Palo Alto California 94301 U.S.A.

(72)Name of Inventor :

1)PERLMAN Stephen G.

2)VAN DER LAAN Roger

3)COTTER Timothy

4)FURMAN Scott

5)MCCOOL Robert

6)BUCKLEY Ian

(57) Abstract :

A method according to one embodiment of the invention comprises: encoding a plurality of video frames or portions thereof according to a first encoding format; transmitting the plurality of encoded video frames or portions to a client device; receiving feedback information from the client device the feedback information usable to determine whether data contained in the video frames or portions has been successfully received and/or decoded; determining latency associated with communicating with the client device; in response to detecting that one or more video frames or portions thereof have not been successfully received and/or decoded encoding a new video frame or portion thereof according to the first encoding format the new video frame encoded to be dependent on a last known successfully received video frame or portion thereof; and transmitting the new video frame or portion thereof to the client device.

No. of Pages : 192 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7682/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM COMMUNICATION DEVICE COMMUNICATION METHOD AND COMMUNICATION PROGRAM

(51) International classification	:H04W72/04	(71)Name of Applicant :
(31) Priority Document No	:2009-106418	1)SHARP KABUSHIKI KAISHA
(32) Priority Date	:24/04/2009	Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2010/002556	1)SUZUKI, SHOICHI
Filing Date	:07/04/2010	2)AIBA, TATSUSHI
(87) International Publication No	:WO 2010/122722	3)YAMADA, SHOHEI
A1		
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

When transmission of uplink control information is necessary, a transmission processor (a 14) allocates the uplink control information to one of radio resources assigned by a base station device, and transmits the uplink control information.

No. of Pages : 111 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.7684/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD, BM-SC AND BASE STATION FOR MULTIPLEXING MBMS SERVICES IN MBSFN

(51) International classification	:H04W4/06	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3, AVENUE OCTAVE GREARD, F-
(33) Name of priority country	:NA	75007 PARIS France
(86) International Application No	:PCT/CN2009/000472	(72) Name of Inventor :
Filing Date	:29/04/2009	1)CHEN, YU
(87) International Publication No	:WO 2010/124421 A1	2)WANG, HE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for multiplexing multiple MBMS services in an MBSFN is provided according to the present invention, comprising: at the beginning of a session, determining, by a BM-SC, MBMS services to be multiplexed together; estimating, by the BM-SC, bandwidth requirement needed for multiplexing the MBMS services together and informing an MCE of the bandwidth requirement so as to assign radio resources by the MCE; receiving, by the BM-SC, packet data for the MBMS services to be multiplexed together, from a server; prioritizing, by the BM-SC, the MBMS services to be multiplexed together if the actual bandwidth that is occupied by the packet data for the MBMS services to be multiplexed together exceeds the bandwidth requirement; reordering, by the BM-SC, the packet data for the MBMS services to be multiplexed together according to the result of prioritization, and informing respective base stations in the MBSFN area of the result of reordering; and multiplexing, by respective base stations, the packet data for the MBMS services to be multiplexed together on radio resources assigned by the MCE and transmitting the multiplexed packet data according to the result of reordering informed by the BM-SC.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7686/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESSES FOR HYDROMETHANATION OF A CARBONACEOUS FEEDSTOCK•

(51) International classification	:C10J 3/00	(71) Name of Applicant :
(31) Priority Document No	:61/177,851	1)GREATPOINT ENERGY INC.
(32) Priority Date	:1 /05/2009	Address of Applicant :222 Third Street Suite 2163 Cambridge Massachusetts 02142 U.S.A.
(33) Name of priority country	:U S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/034516	1)REILING Vincent Gilbert 2)ROBINSON Earl Thomas 3)SIRDESHPANDE Avinash 4)NAHAS Nicholas Charles
Filing Date	:12/05/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to processes for preparing gaseous products and in particular methane via the hydromethanation of a carbonaceous feedstock in the presence of steam syngas a hydromethanation catalyst and an oxygen-rich gas stream.

No. of Pages : 47 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7688/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : ROTATING TONER CLEANING MEMBER FOR A TONER DELIVERY DEVICE IN AN IMAGE FORMING APPARATUS

(51) International classification	:G03G 15/08
(31) Priority Document No	:12/424,905
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031119
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)LEXMARK INTERNATIONAL INC.

Address of Applicant :IP Law Department Bldg. 082-1 740 West New Circle Road Lexington KY 40550 U.S.A.

(72)Name of Inventor :

1)GAYNE Jarrett Clark

2)KERN Royden Thomas

(57) Abstract :

The present invention provides a toner container system such as a toner cartridge comprising a housing including a first reservoir for containing toner and a second reservoir for receiving toner from the first reservoir and transferring the toner to an image forming apparatus and a toner transfer mechanism that includes a rotatable roller member having in the surface thereof a recess defined by a concave surface having a radius of curvature and wherein the roller member is rotatable from a first position at which the recess is open to the first reservoir and a second position at which the recess is open to the second reservoir for conveying toner from the first reservoir to the second reservoir upon rotation of the roller member from the first position to the second position and a rotatable wiper member disposed within the second reservoir.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7673/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD, BASE STATION, AND BROADCAST MULTICAST SERVICE CENTER FOR CREATING, UPDATING, AND RELEASING SYNCHRONIZATION ENTITIES

(51) International classification	:H04W56/00	(71) Name of Applicant : 1)ALCATEL LUCENT Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/CN2009/000473	(72) Name of Inventor :
Filing Date	:29/04/2009	1)CHEN, YU
(87) International Publication No	:WO2010/124422 A1	2)WANG, HE
(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 processes of creating, updating, and releasing SYNC entities between eNB and BM-SC, and an eNB and a BM-SC for implementing the processes of creating, updating, and releasing the SYNC entities. According to a solution of the present invention, a method of creating SYNC entities is provided, including: creating, at a BM-SC, a plurality of SYNC entities whose amount is equal to the total amount of services, and associating the created plurality of SYNC entities with the services in a one-to-one correspondence manner; sending a SYNC entity creating instruction to all eNBs within an MBSFN area; creating, at each eNB, a plurality of SYNC entities whose amount is equal to the total amount of services based on the received SYNC entity creating instruction, and associating the created plurality of SYNC entities with the services in a one-to-one correspondence manner.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7690/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : HEPCIDIN BINDING NUCLEIC ACIDS

(51) International classification	:C12N15/09	(71) Name of Applicant :
(31) Priority Document No	:09 006 028.6	1)NOXXON Pharma AG Address of Applicant :Max-Dohrn-Str. 8-10 D-10589
(32) Priority Date	:30/04/2009	Berlin Germany.
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/002659	1)SELL Simone 2)MORICH Frank 3)MAASCH Christian 4)KLUSSMANN Sven 5)DINSE Nicole 6)BUCHNER Klaus 7)SCHW-BEL Frank
Filing Date	:30/04/2010	
(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	

(57) Abstract :

The present invention is related to a nucleic acid capable of binding to hepcidin.

No. of Pages : 216 No. of Claims : 99

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7691/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : KIT FOR A MACHINE FOR INJECTION-MOULDING MOULDED PARTS

(51) International classification	:B29C 45/00
(31) Priority Document No	:09/53082
(32) Priority Date	:11/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/056427
Filing Date	:11/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MOULINDUSTRIE

Address of Applicant :Village du Val Fleuri 14350 SAINTE MARIE LAUMONT FRANCE.

(72)Name of Inventor :

1)MOULIN Jacky

(57) Abstract :

The invention concerns a kit (1100) for a machine for the injection moulding of moulded parts the moulding machine comprising a first platen and a second platen the kit comprising: - a first support plate (1104) intended to be fixed to the said first platen - a second support plate (1154) intended to be fixed to the said second platen the two platens being designed to be able to move with respect to each other by sliding so as to adopt successively an open position and a closed position - for the first support plate (1104) at least one barrel (1106) of a first type mounted so as to able to move in rotation on the said first support plate (1104) about an axis (1110) perpendicular to the plane of the said first support plate (1104) and carrying at least two cavities (1114a 1114d)

No. of Pages : 25 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7692/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : RIFAMYCIN DERIVATIVES

(51) International classification	:C07D 493/20	(71) Name of Applicant :
(31) Priority Document No	:MI2009A000653	1)ALFA WASSERMANN S.p.A.
(32) Priority Date	:20/04/2009	Address of Applicant :1 Via Enrico Fermi 65020 Alanno (PE) Italy.
(33) Name of priority country	:Italy	(72) Name of Inventor :
(86) International Application No	:PCT/IB2010/051183	1)Giuseppe Claudio Viscomi
Filing Date	:18/03/2010	2)Manuela Campana
(87) International Publication No	: NA	3)Mahena Folegatti
(61) Patent of Addition to Application Number	:NA	4)Vincenzo Cannata
Filing Date	:NA	5)Paolo Righi
(62) Divisional to Application Number	:NA	6)Goffredo Rosini
Filing Date	:NA	

(57) Abstract :

Disclosed are compounds including rifamycin derivatives having antibacterial activities wherein the compounds have the following general formula (I) wherein: R is hydrogen or acetyl R1 and R2 are independently selected from the group consisting of hydrogen (C1-4) alkyl benzyloxy mono- and di-(C1-3) alkylamino-(C1-4)alkyl (C1-3)alkoxy (C1-4) alkyl hydroxy-methyl hydroxy-(C2-4)-alkyl and nitro or R1 and R2 taken together with two consecutive carbon atoms of the pyridine nucleus form a benzene ring optionally substituted by one or two methyl or ethyl groups and R3 is hydroxyalkyl (C1-4). In addition processes to obtain these compounds are described. The compounds have antibacterial activity.

No. of Pages : 77 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.7710/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : ENABLING SUPPORT FOR TRANSPARENT RELAYS IN WIRELESS COMMUNICATION

(51) International classification	:H04W84/04	(71) Name of Applicant :
(31) Priority Document No	:61/171,374	1)QUALCOMM INCORPORATED
(32) Priority Date	:21/04/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/031957	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:21/04/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/124031 A2	1)AAMOD DINKAR KHANDEKAR
(61) Patent of Addition to Application Number	:NA	2)RAVI PALANKI
Filing Date	:NA	3)ALEXEI YURIEVITCH GOROKHOV
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Providing for improved implementation of supplemental wireless nodes in a wireless base station deployment is described herein. By way of example, a donor base station is configured to send a schedule of data transmission to and from a set of UEs served by the base station, and further can provide the schedule and identifiers for the set of UEs to one or more wireless nodes serving the base station. Respective access channel measurements between respective UEs and respective wireless nodes can be forwarded to the base station, which in turn can identify optimal access channels for the set of UEs. Additionally, the donor base station can schedule multiple data transmissions on these access channels in a common transmission time slot, to achieve cell-splitting gains for the data transmissions. Range boosting, differential coding, and supplemental channel quality mechanisms are also provided for various wireless communication arrangements described herein.

No. of Pages : 63 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7689/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SELF-ALIGNMENT AND SHOCK IMPACT RELIEF BATTERY CONNECTOR

(51) International classification	:H01R 11/28	(71) Name of Applicant :
(31) Priority Document No	:12/386,034	1)AMERICAN POWER CONVERSION
(32) Priority Date	:13/04/2009	CORPORATION
(33) Name of priority country	:U.S.A.	Address of Applicant :132 Fairgrounds Road West
(86) International Application No	:PCT/US2010/000936	Kingston RI 02892 U.S.A.
Filing Date	:29/03/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)WU Wen-Sung
(61) Patent of Addition to Application Number	:NA	2)LIU Meng-Chang
Filing Date	:NA	3)CHIEN Shen-Yuan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and apparatus supporting an electrical connection are disclosed. Systems previously equipped with wire interfaces such as battery terminals can be equipped with a connector assembly to significantly reduce a hazard of electrical shock to a user. The connector assembly includes a stress relief component that attenuates a force applied to the stress relief component to reduce its effect on the connector assembly. By attenuating the force the connector assembly maintains a substantially fixed position relative to the battery pack component and mitigates a potential for disruption in electrical connectivity. Techniques disclosed herein benefit users of battery packs or other devices as well as manufacturers by increasing safety reliability and ergonomics.

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7700/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING MCCH CONTROL SIGNALLING IN MBSFN MANNER

(51) International classification	:H04W4/06	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3, AVENUE OCTAVE GREARD, F-
(33) Name of priority country	:NA	75007 PARIS France
(86) International Application No	:PCT/CN2009/000460	(72) Name of Inventor :
Filing Date	:28/04/2009	1)WANG, HE
(87) International Publication No	:WO 2010/124416 A1	2)CHEN, YU
(61) Patent of Addition to Application Number	:NA	3)WANG, YONGGANG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and a device for realizing MBMS control signaling transmission in MBSFN manner are provided in the present invention. Wherein, a base station transmits multimedia broadcast multicast service MBMS control signaling in MBSFN manner, preferably, the base station multiplexes the MBMS control signaling and MBMS data in a same MBSFN sub-frame, and transmits them according to an adjustment period and/or a repetition period. Then, a mobile station receives the MBMS control signaling at the corresponding MBSFN sub-frame according to the adjustment period and/or the repetition period. With the solutions of the present invention, MBMS control signaling transmission in MBSFN manner is realized.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7703/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR POWER CONTROL AND INTERFERENCE COORDINATION

(51) International classification	:H04W52/34
(31) Priority Document No	:61/214,508
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032198
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/124182 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)ALCATEL LUCENT

Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France

(72)Name of Inventor :

1)TATESH, SAID

2)CHENG, FANG-CHEN

(57) Abstract :

An exemplary method of communicating includes a relay node that uses a cell identifier that is also used by a base station having a coverage area within which the relay node is located. The method includes determining that a mobile station is within a communication range of the relay node. A transmission power from the relay node is controlled so that the total transmission power of at least one transmission from the relay node and the base station corresponds to a selected transmit power limit. A timing of a downlink transmission from the base station and the relay node is coordinated based on a schedule determined by the base station. At least one uplink control parameter is set at the base station based upon uplink information regarding a link between the mobile station and the relay node.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.7704/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : MULTILEVEL COMP UL DATA COMPRESSION FOR THE X2 BACKHAUL

(51) International classification	:H04B7/02
(31) Priority Document No	:09305356.9
(32) Priority Date	:27/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/054955
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/124938
	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)ALCATEL LUCENT

Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France

(72)Name of Inventor :

1)AYDIN, OSMAN

(57) Abstract :

The invention concerns a method for uplink transmission of data from a user terminal (UE), wherein the data are received by base stations (eNB1, eNB2, eNB3) on a wireless interface, at least one of said base stations (eNB2, eNB3) determines a quality of the received data on at least one processing level, the at least one of said base stations (eNB2, eNB3) determines a respective dedicated processing level of the data that will be used for sending the data to a coordinating device (eNB1,) based on said at least one quality, the at least one of said base stations (eNB2, eNB3) sends the data to the coordinating device (eNB1,) on the respective dedicated processing level, and the coordinating device (eNB1,) determines decoded data by means of the data, a base station, a coordinating device, and a communication network therefor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.7714/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM FOR AUTOMATIC CONFIGURATION OF A MOBILE COMMUNICATION SYSTEM

(51) International classification	:H04B7/26
(31) Priority Document No	:12/427,347
(32) Priority Date	:21/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028457
Filing Date	:24/03/2010
(87) International Publication No	:WO 2010/123645 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)ANDREW LLC

Address of Applicant :1100 COMMSCOPE PLACE, SE
HICKORY NC 28602-3619 U.S.A.

(72)Name of Inventor :

1)THOMAS KUMMETZ

2)VAN HANSON

3)ALFONS DUSSMANN

(57) Abstract :

A communication system 10 includes a receive antenna for receiving communication signals, processing circuitry for processing the received communication signals and repeating the signals for further transmission and at least one transmit antenna for transmitting the repeated signals. The processing circuitry utilizes configurable settings for controlling the operation of the communication system 10 and the configurable settings are variable for varying the operation of the system. The processing circuitry is further operable for receiving inputs regarding current operating conditions of the communication system 10 and for selectively adapting the configurable settings of the system based upon the operating condition inputs.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7716/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ENCODING VIDEO USING A SELECTED TILE AND TILE ROTATION PATTERN

(51) International classification	:H04B 1/66
(31) Priority Document No	:61/210,888
(32) Priority Date	:23/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027718
Filing Date	:17/03/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ONLIVE INC.

Address of Applicant :181 Lytton Avenue Palo Alto California 94301 U.S.A.

(72)Name of Inventor :

1)PERLMAN Stephen G.

2)VAN DER LAAN Roger

3)COTTER Timothy

4)FURMAN Scott

5)MCCOOL Robert

6)BUCKLEY Ian

(57) Abstract :

A method according to one embodiment comprises: selecting a tile size for subdividing each image in a sequence of images based on a specified type of encoding algorithm to be used for encoding the tiles wherein M tiles are encoded for each image each tile being encoded according to a first encoding format or a second encoding format each tile having a designated tile location within each image; specifying a rotating pattern to be used for encoding the tiles over a sequence of N images the rotating pattern comprising encoding only certain tiles of each image using the first encoding format and rotating the tile locations selected for the first encoding format over the N images to ensure that all M tiles have been encoded according to the first encoding format across the N images; and encoding the sequence of N images using the rotating pattern.

No. of Pages : 188 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.772/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND ARRANGEMENT FOR SUPPORTING ANALYSIS OF SOCIAL NETWORKS IN COMMUNICATION NETWORK•

(51) International classification	:H04W 28/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE2009/051074
Filing Date	:28/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

Address of Applicant :SE-164 83 Stockholm Sweden

(72)Name of Inventor :

1)HILDORSSON Fredrik

2)KVERNVIK Tor

(57) Abstract :

A method and apparatus for supporting social network analysis of terminal users in a communication network. Users being located relatively close to each other when making calls are more likely to be socially connected than users having mutually more remote locations. A partitioning unit (100) determines a representative geographical location for individual users based on traffic data and location data(102 104). User partitions are then made based on the users representative geographical locations such that one particular user partition contains users having representative geographical locations within a limited geographical area. The user partition is then provided to a social network analysis function (106) for further analysis (108).

No. of Pages : 31 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7741/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHODS AND DEVICES FOR DETECTING THE PRESENCE OF AN ANALYTE IN A SAMPLE•

(51) International classification	:G01N 33/53	(71)Name of Applicant :
(31) Priority Document No	:61/168,922	1)THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
(32) Priority Date	:13/04/2009	Address of Applicant :1705 El Camino Real Palo Alto California 94306-1106 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2010/030919	1)GASTER Richard
Filing Date	:13/04/2010	2)HALL Drew
(87) International Publication No	: NA	3)WANG Shan X.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Sensor assay methods for detecting the presence of an analyte in a sample are provided. Aspects of the methods include providing a sensor e.g. a proximity sensor in contact with an assay composition that includes a sample and a proximity label. Next a capture probe configured to bind to the proximity label and the analyte is introduced into the assay composition to produce a labeled analyte. Following capture probe introduction a signal is obtained from the sensor to detect the presence of the labeled analyte in the sample. Also provided are sensor devices including hand-held devices and kits that find use in practicing the subject methods.

No. of Pages : 87 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7705/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SPARK IGNITION DEVICE WITH BRIDGING GROUND ELECTRODE AND METHOD OF CONSTRUCTION THEREOF

(51) International classification	:H01T13/20
(31) Priority Document No	:61/165,216
(32) Priority Date	:31/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029194
Filing Date	:30/03/2010
(87) International Publication No	:WO 2010/117780 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FEDERAL-MOGUL IGNITION COMPANY

Address of Applicant :26555 NORTHWESTERN
HIGHWAY, SOUTHFIELD, MI 48033 U.S.A.

(72)Name of Inventor :

1)FREEMAN,ROBERT,D

2)HAVARD, KARINA, C

(57) Abstract :

A spark ignition device and method of construction is provided. The device includes a ceramic insulator and a metal shell surrounding at least a portion of the ceramic insulator. The metal shell extends along a central axis between an upper terminal end and a lower fastening end. The fastening end has a pair of projections diametrically opposite one another extending axially to free ends. A center electrode assembly is received at least in part in the ceramic insulator. In addition, the device includes an elongate ground electrode having opposite sides extending along a length of the ground electrode between opposite ends. The ground electrode has opposite faces with a sparking surface attached to one of the faces, wherein the face with the sparking surface attached thereto is sunk axially into the free ends of the projections with at least a portion of the opposite sides being surrounded by the projections.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7707/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYNCHRONIZING VIDEO FRAMES WITHOUT HARDWARE TIMESTAMPS

(51) International classification	:H04N7/24	(71) Name of Applicant :
(31) Priority Document No	:12/427,479	1)QUALCOMM INCORPORATED
(32) Priority Date	:21/04/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/031777	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:20/04/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/123921 A1	1)RON KEIDAR
(61) Patent of Addition to Application Number	:NA	2)NELA GUREVICH
Filing Date	:NA	3)CONSTANTINE ELSTER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for decoding multimedia video is described. Particularly, a system and method for determining the time of arrival of packets, without a hardware interface, is disclosed. As described herein, the time of arrival for each packet may be derived by extrapolating information from the arrival of a frame boundary and the specifications of the transmission standard. This permits the calculation of drift between the encoder and decoder clocks and consequently the more accurate decoding of the transmission.

No. of Pages : 24 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.7708/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PRE-COMMUNICATION FOR RELAY BASE STATIONS IN WIRELESS COMMUNICATION

(51) International classification	:H04L27/26	(71) Name of Applicant :
(31) Priority Document No	:61/171,387	1)QUALCOMM INCORPORATED
(32) Priority Date	:21/04/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/031959	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:21/04/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/124033 A2	1)RAVI PALANKI
(61) Patent of Addition to Application Number	:NA	2)ALEXEI YURIEVITCH GOROKHOV
Filing Date	:NA	3)AAMOD DINKAR KHANDEKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Providing for wireless communication involving supplemental wireless nodes is described herein. By way of example, prior signaling is employed between a macro base station and a set of associated supplemental nodes to support pending wireless communication with a user terminal. In some aspects, the prior signaling can include control or data traffic transmitted to or received from the user terminal. In addition, the supplemental nodes can synchronize transmission or reception of the control or data traffic transmissions with similar transmission or reception of the macro base station. In some aspects, the supplemental nodes can also replicate pilot signal transmissions on OFDM symbols employed by the macro base station for pilot signals, to give consistent downlink channel for both traffic and pilot signals. Accordingly, the user terminal observes consistent pilot transmissions over various time slots, as well as concurrent traffic transmissions that can generally be decoded with a common reference signal.

No. of Pages : 67 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7709/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : VALIDATED SIGNAL RESUMPTION IN DSL SYSTEMS

(51) International classification	:H04L5/24
(31) Priority Document No	:12/387,339
(32) Priority Date	:02/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032868
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/129378 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALCATEL LUCENT

Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France

(72)Name of Inventor :

1)ADRIAAN J. DE LIND VAN WIJNGAARDEN

2)CARL JEREMY NUZMAN

3)JOCHEN MAES

4)DANNY VAN BRUYSEL

(57) Abstract :

An apparatus includes a DSL transceiver configured to transit to a DSL wait state in which a power transmitted from the DSL transceiver to a local-end line is substantially reduced in response to an interruption or substantial stop at the DSL transceiver of reception of DSL communications from the local-end line. The DSL transceiver is configured to transmit to the local-end line a DSL acknowledge signal in response to receiving from the local-end line a DSL wait signal. The DSL transceiver is configured to resume to transmit DSL communications to the local-end line at a power substantially higher than the power transmitted thereto in the DSL wait state in response either to receiving from the local-end line DSL transmissions at a substantially higher power than received there from in the DSL wait state or to receiving from the local-end line a second DSL acknowledge signal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7742/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : PHOTOCROMIC OPHTHALMIC SYSTEMS THAT SELECTIVELY FILTER SPECIFIC BLUE LIGHT WAVELENGTHS

(51) International classification	:G02C 7/10
(31) Priority Document No	:61/163,227
(32) Priority Date	:25/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028680
Filing Date	:25/03/2010
(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

(71)Name of Applicant :

1)HIGH PERFORMANCE OPTICS INC.

Address of Applicant :5241 Valleypark Drive Roanoke
Virginia 24019 U.S.A.

(72)Name of Inventor :

1)ISHAK Andrew W.

2)HADDOCK Joshua N.

3)KOKONASKI William

4)DUSTON Dwight P.

5)IYER Venkatramani S.

6)BLUM Ronald D.

7)MCGINNIS Sean P.

8)PACKARD Michael B.

(57) Abstract :

Ophthalmic systems are provided that include both a photochromic component and a blue-blocking component.

No. of Pages : 93 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7743/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : MEDICAL COMPOSITION FOR TREATMENT OR PROPHYLAXIS OF GLAUCOMA

(51) International classification	:C07D213/83	(71) Name of Applicant : 1)UBE INDUSTRIES LTD. Address of Applicant :1978-96 Oaza Kogushi Ube-shi Yamaguchi 755-8633 Japan
(31) Priority Document No	:2009-082725	
(32) Priority Date	:30/03/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/055719	(72) Name of Inventor : 1)HAGIHARA Masahiko 2)YONEDA Kenji 3)OKANARI Eiji 4)SHIGETOMI Manabu
Filing Date	:30/03/2010	
(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	

(57) Abstract :

The present invention is to provide a medical composition for the treatment or prophylaxis of glaucoma which comprises a pyridylaminoacetic acid compound represented by the formula (1):

No. of Pages : 205 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7744/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : TABLET AND PESTLE THEREFOR

(51) International classification	:A61K 9/20	(71) Name of Applicant : 1)KYOWA CHEMICAL INDUSTRY CO. LTD. Address of Applicant :305 Yashimanishimachi Takamatsu-shi Kagawa 761-0113 Japan
(31) Priority Document No	:2009-104097	
(32) Priority Date	:22/04/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/056992	(72) Name of Inventor :
Filing Date	:20/04/2010	1)KITAJIMA Hideaki
(87) International Publication No	: NA	2)HORIE Shiro
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Problems] A tablet which comprises solid particles especially magnesium oxide particles as the main component and has excellent shape retentivity with extremely low susceptibility to wearing and chipping. [Means for Solution] The tablet has a domed shape on each of the upper and lower horizontal surfaces of a cylindrical plate shape wherein the domed shape on each of the upper and lower horizontal surfaces satisfies the following requirements (a) (b) and (c) in the cross-sectional shape including the center line of the cylindrical plate shape: (a) each corner has an angle of 25 to 45° , (b) each corner has a horizontal length of 0.30 to 1.0 mm, and (c) the cup has a depth of 0.6 to 1.2 mm.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7745/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : PEPTIDES USED IN THE TREATMENT AND/OR CARE OF THE SKIN AND/OR HAIR AND THEIR USE IN COSMETIC OR PHARMACEUTICAL COMPOSITIONS

(51) International classification	:C07K 5/08	(71) Name of Applicant :
(31) Priority Document No	:200901012	1)LIPOTEC S.A.
(32) Priority Date	:17/04/2009	Address of Applicant :Pol. Ind. Cam RaI. C/ Isaac Peral 17
(33) Name of priority country	:Spain	E-08850 Gaví - Barcelona Spain
(86) International Application No	:PCT/EP2010/002348	(72) Name of Inventor :
Filing Date	:16/04/2010	1)Nuria GARC• A SANZ
(87) International Publication No	: NA	2)Wim VAN DEN NEST
(61) Patent of Addition to Application Number	:NA	3)Cristina CARRE' O SERRAIMA
Filing Date	:NA	4)Antonio FERRER MONTIEL
(62) Divisional to Application Number	:NA	5)Juan CEBRIAN PUCHE
Filing Date	:NA	6)Nuria ALMI'ANA DOMENECH

(57) Abstract :

Peptides of general formula (I): R1-AA1-AA2-AA3-R2 (I) its stereoisomers mixtures thereof and/or their cosmetically or pharmaceutically acceptable salts a preparation process cosmetic or pharmaceutical compositions which contain them and their use in the treatment and/or care of conditions disorders and/or diseases of the skin and/or hair.

No. of Pages : 55 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.7746/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHODS AND ARRANGEMENTS IN A WIRELESS COMMUNICATION SYSTEM•

(51) International classification	:H04B 17/00
(31) Priority Document No	:61/172,911
(32) Priority Date	:27/04/2009
(33) Name of priority country	U.S.A.
(86) International Application No	:PCT/SE2009/050951
Filing Date	:25/08/2009
(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 :

1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

Address of Applicant :SE-164 83 Stockholm Sweden

(72)Name of Inventor :

1)SIOMINA Iana

2)LARSSON Daniel

3)GERSTENBERGER Dirk

(57) Abstract :

The present invention relates to methods and arrangements in a RBS and a UE for reference signal (RS) measurements in an OFDM system that enable having a configurable RS transmission bandwidth which is smaller than the system bandwidth. This allows for better interference coordination of RS which in turn improves the UE RS measurements used for different services such as positioning. The RBS retrieves (710) the RS transmission bandwidth determines (720) a RS measurement bandwidth based on this RS transmission bandwidth and transmits (730) the determined bandwidth to the UE. The UE receives (810) the RS measurement bandwidth and measures (820) the RS in a bandwidth determined based on the received measurement bandwidth and the UE capability.

No. of Pages : 35 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7747/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : STORAGE BAG AND LPG FUEL STORE•

(51) International classification	:F17C 1/00	(71) Name of Applicant : 1)VIALLE ALTERNATIVE FUEL SYSTEMS B.V. Address of Applicant :Leemkuil 7 5626 EA Eindhoven The NETHERLANDS
(31) Priority Document No	:2002792	
(32) Priority Date	:24/04/2009	
(33) Name of priority country	:Netherlands	
(86) International Application No	:PCT/NL2010/050227	(72) Name of Inventor : 1)Bob Alexander BEEM
Filing Date	:26/04/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a multivalve with a storage bag (30) and to a storage bag (30). The storage bag (30) is configured for temporarily accommodating a liquid gas fuel around a discharge for a liquid gas fuel store (1) formed from a deformable memory material wherein the storage bag (30) has a temporarily size-reduced position an outer diameter of the storage bag (30) then being less than 48 mm and a second operative position the storage bag (30) having a sufficient volume. The invention also relates to a multivalve with a storage bag (30) ...

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.771/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : EARLY MEDIA AND FORKING IN 3PCC

(51) International classification	:H04L12/18	(71) Name of Applicant :
(31) Priority Document No	:12/544,980	1)MICROSOFT CORPORATION
(32) Priority Date	:20/08/2009	Address of Applicant :ONE MICROSOFT WAY, REDMOND, WASHINGTON 98052-6399 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/044892	1)YOUNIS, SHAHZAIB
Filing Date	:09/08/2010	2)SEKARAN, DHIGHA, D.
(87) International Publication No	:WO 2011/022234 A3	3)LEVIN, DANNY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A control server initiates a call to a first device. After creating a connection to the device, the control server reverses the direction of the message flow between the device and the control server such that the device becomes the initiator of the call (the caller) and the control server becomes the device that is called (the callee). A connection is also established between the first device, the control server and a second device that is an endpoint for the call. Early media and forking is available to the first device after reversing the direction of the message flow between the first device and the control server and the callee has been contacted. Additionally, information flows between the first device and the second device through the control server as if the first device and the second device were directly connected.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7749/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SNAP ACTION VALVE WITH INERTIA DAMPER

(51) International classification	:F01N 1/16
(31) Priority Document No	:12/470,560
(32) Priority Date	:22/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034061
Filing Date	:07/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TENNECO AUTOMOTIVE OPERATING COMPANY INC.

Address of Applicant :500 North Field Drive Lake Forest Illinois 60045 U.S.A.

(72)Name of Inventor :

1)WILLIAM E. HILL
2)JORDAN SAHS
3)JASON LEFLER

(57) Abstract :

Snap action valve assemblies for use in conduits of automotive exhaust systems have their operation controlled by use of inertia damper elements coupled to an axle of a rotatable valve plate of the valve assembly.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.775/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : COLLAPSIBLE VALVE

(51) International classification	:A61M 5/00
(31) Priority Document No	:12/512,719
(32) Priority Date	:30/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/024875
Filing Date	:22/02/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CAREFUSION 303 INC.

Address of Applicant :3750 Torrey View Court San Diego California 92130 U.S.A.

(72)Name of Inventor :

1)MANSOUR GEORGE M.

2)BENNETT JAMES

(57) Abstract :

A collapsible valve comprising a first portion with at least one dimple in a side thereof and a second portion the second portion being narrower than the first portion and arranged along an axial dimension of the first portion the second portion including a cut therein.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.7751/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SUBJECT-BASED VITALITY

(51) International classification	:G06Q 50/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2010/031421
Filing Date	:16/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)YAHOO! INC

Address of Applicant :#701 First Avenue Sunnyvale California 94089 U.S.A.

(72)Name of Inventor :

1)Michael TADLOCK

2)Tom QUIGGLE

(57) Abstract :

A system for providing data over a network, comprising: a data storage device for storing a plurality of pushed vitality updates, wherein each pushed vitality update includes a resource identifier and at least one other type of vitality information referring to user-generated content (UGC) residing one or more network devices that pushed the corresponding vitality update; and a computer processor that executes a vitality manager that is configured to perform actions, including: receiving a query request; searching the data store to identify one or more pushed vitality updates based at least in part on a subject of the query request; and providing recent vitality information from at least a portion of the identified vitality updates that includes one or more resource identifiers and one or more other types of vitality information that are useable to access UGC associated with the recent vitality information for display at another network device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7752/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : COLD ROW ENCAPSULATION FOR SERVER FARM COOLING SYSTEM

(51) International classification	:G06F 1/20	(71) Name of Applicant :
(31) Priority Document No	:NA	1)YAHOO! INC
(32) Priority Date	:NA	Address of Applicant :#701 First Avenue Sunnyvale
(33) Name of priority country	:NA	California 94089 U.S.A.
(86) International Application No	:PCT/US2010/029356	(72) Name of Inventor :
Filing Date	:31/03/2010	1)Scott NOTEBOOM
(87) International Publication No	: NA	2)Albert Dell ROBISON
(61) Patent of Addition to Application Number	:NA	3)Jesus SUAREZ
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Apparatuses methods and systems directed to efficient cooling of data centers. Some embodiments of the invention allow encapsulation of cold rows through an enclosure and allow server fans to draw cold air from the cold row encapsulation structure to cool servers installed on the server racks. In other particular embodiments the systems disclosed can be used to mix outside cool air into the cold row encapsulation structure to cool the servers. In some embodiments the present invention involves using a hookup clip to secure the top or bottom crossbar of the cold row encapsulation structure with the top or bottom crossbar of the server rack.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7748/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : FAILURE LOCALISATION IN A MPLS-TP NETWORK•

(51) International classification	:H04L 12/56	(71) Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE-164 83 Stockholm Sweden
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/SE2009/050627	(72) Name of Inventor :
Filing Date	:29/05/2009	1)ZHAO Wei 2)ANDERSSON Loa
(87) 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 methods and arrangements in an MPLS-TP network comprising a plurality of interconnected routers configured for MPLS-TP wherein at least a first router is defined as an originating Maintenance End Point MEP a second router is defined as a targeting MEP and the third router is defined as a Maintenance Intermediate Point MIP. The basic idea of the present invention is to associate a table with each MIP and MEP wherein the tables comprises information related to the MEPs of the MPLS-TP network and the information from the tables is inserted in the reply packets and forwarded packets. By using this information the OAM packets can find the subsequent MIP or MEP and failure localization may be performed.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.776/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : 5 HT3 RECEPTOR MODULATORS METHODS OF MAKING AND USE THEREOF

(51) International classification	:C07D487/04	(71) Name of Applicant : 1)ALBANY MOLECULAR RESEARCH, INC. Address of Applicant :26 CORPORATE CIRCLE, ALBANY, NEW YORK 12203 U.S.A.
(31) Priority Document No	:61/225,368	
(32) Priority Date	:14/07/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/040617	(72) Name of Inventor :
Filing Date	:30/06/2010	1)GUZZO, PETER, R.
(87) International Publication No	:WO 2011/008572 A2	2)MANNING, DAVID, D.
(61) Patent of Addition to Application Number	:NA	3)EARLY, WILLIAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Novel 5-HT3 receptor modulators are disclosed. These compounds are used in the treatment of various disorders, including chemotherapy-induced nausea and vomiting, post-operative nausea and vomiting, and irritable bowel syndrome. Methods of making these compounds are also described in the present invention.

No. of Pages : 145 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.7760/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : MEDICAL DELIVERY DEVICE WITH TIME LAPSE INDICATOR

(51) International classification	:A61J 7/04	(71) Name of Applicant :
(31) Priority Document No	:09159288.1	1)Novo Nordisk A/S Address of Applicant :Novo All Dk-2880 Bagsværd
(32) Priority Date	:02/05/2009	Denmark
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/055852	1)LARSEN Andr 2)BOUAIDAT Salim
Filing Date	:29/04/2010	
(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	

(57) Abstract :

The present invention relates to medical delivery devices for administering a dose of a drug into the body of a subject user and incorporating a time lapse indicator which is configured for indicating after administration that a dose of the drug actually has been administered and for maintaining this indication until lapse of a pre-defined time interval. The time lapse indicator disclosed is based on a pressure sensitive substance which exhibits a change in a visual property in response to an action associated with administering a dose and wherein the pressure sensitive substance exhibits a further change in a visual property after lapse of a pre-defined time interval subsequent to said action.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7761/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : DISPLAY DEVICE•

(51) International classification	:G09F 9/00
(31) Priority Document No	:2009-103440
(32) Priority Date	:21/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/002845
Filing Date	:20/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)Hisashi WATANABE

2)Yasushi ASAOKA

(57) Abstract :

A direct-viewing type display device (100A) of the present invention includes: a display panel which has a display region (10A) that can be altered into a transparent state and a frame region (10F) provided outside the display region; and a light-transmitting cover (20) provided on a front side of the display panel. The light-transmitting cover includes a lens portion (22) positioned so as to overlap a region that includes part of the frame region of the display panel and part of a peripheral display region (10D) within the display region which adjoins the part of the frame region. The display device further includes a housing (30) which has a housing portion (36) provided at least on a side surface (10b) of the display panel. Part of light going out from the part of the peripheral display region and/or part of light entering the housing portion on a rear side goes out on a front side of the housing portion (36). In the display device of the present invention, the frame is visually obscured, and the display region can be altered into a transparent state.

No. of Pages : 119 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.777/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : MONITOR CONTROL DEVICE AND MONITOR TARGET DEVICE

(51) International classification	:H04B1/74	(71) Name of Applicant :
(31) Priority Document No	:2009-179216	1)NEC CORPORATION
(32) Priority Date	:31/07/2009	Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO 108-8001 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/062704	1)NISHIMURA, TOMOTSUNE
Filing Date	:28/07/2010	
(87) International Publication No	:WO 2011/013705	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A monitor and control device includes a monitor and control unit that transmits to a monitor target device a monitor and control signal through a monitor and control signal path in a case of a malfunction occurred in a main signal path, and transmits to the monitor target device the monitor and control signal through the main signal path in a case of a malfunction occurred in the monitor and control signal path, the monitor target device including: a first path connection unit that is connected to the main signal path passing either a main signal in which the monitor and control signal for monitoring and controlling the monitor target device is multiplexed or a main signal in which the monitor and control signal is not multiplexed; a second path connection unit that is connected to the monitor and control signal path passing the monitor and control signal; and a selection unit that selects whether to perform transmission and reception of the monitor and control signal by either one of the main signal path and the monitor and control signal path.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7753/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : COLD ROW ENCAPSULATION FOR SERVER FARM COOLING SYSTEM

(51) International classification	:G06F 1/20	(71) Name of Applicant :
(31) Priority Document No	:NA	1)YAHOO! INC
(32) Priority Date	:NA	Address of Applicant :#701 First Avenue Sunnyvale
(33) Name of priority country	:NA	California 94089 U.S.A.
(86) International Application No	:PCT/US2010/029348	(72) Name of Inventor :
Filing Date	:31/03/2010	1)Scott NOTEBOOM
(87) International Publication No	: NA	2)Albert Dell ROBISON
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Apparatuses methods and systems directed to efficient cooling of data centers. Some embodiments of the invention allow encapsulation of cold rows through an enclosure and allow server fans to draw cold air from the cold row encapsulation structure to cool servers installed on the server racks. In other particular embodiments the systems disclosed can be used to mix outside cool air into the cold row encapsulation structure to cool the servers. In some embodiments the present invention involves utilizing a raised sub-floor design of a data center room.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.7754/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : COLD ROW ENCAPSULATION FOR SERVER FARM COOLING SYSTEM

(51) International classification	:G06F 1/20	(71) Name of Applicant :
(31) Priority Document No	:NA	1)YAHOO! IN
(32) Priority Date	:NA	Address of Applicant :#701 First Avenue Sunnyvale
(33) Name of priority country	:NA	California 94089 U.S.A.
(86) International Application No	:PCT/US2010/029360	(72) Name of Inventor :
Filing Date	:31/03/2010	1)Scott NOTEBOOM
(87) International Publication No	: NA	2)Albert Dell ROBISON
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Apparatuses methods and systems directed to efficient cooling of data centers. Some embodiments of the invention allow encapsulation of cold rows through an enclosure and allow one or more fans to draw cold air from the cold row encapsulation structure to cool servers installed on the server racks. In other particular embodiments the systems disclosed can be used to mix outside cool air into the cold row encapsulation structure to cool the servers. In some embodiments the present invention involves fanless servers installed on the server racks and introduces fan units to draw cooling air from the cold row encapsulation structure through the fanless servers on the racks.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7755/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : ENHANCED HANDHELD SCREEN-SENSING POINTER

(51) International classification	:G06K 9/00
(31) Priority Document No	:61/167,738
(32) Priority Date	:08/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030345
Filing Date	:08/04/2010
(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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U.S.A.

(72)Name of Inventor :

1)HILDRETH Evan

(57) Abstract :

Enhanced handheld screen-sensing pointing in which a handheld device captures a camera image of one or more fiducials rendered by a display device and a position or an angle of the one or more fiducials in the captured camera image is determined. A position on the display device that the handheld device is aimed towards is determined based at least on the determined position or angle of the one or more fiducials in the camera image and an application is controlled based on the determined position on the display device.

No. of Pages : 45 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7756/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : MULTIMEDIA BROADCAST FORWARDING SYSTEMS AND METHODS

(51) International classification	:H04H 20/08	(71) Name of Applicant :
(31) Priority Document No	:12/430,762	1)QUALCOMM Incorporated
(32) Priority Date	:27/04/2009	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2009/052498	U.S.A.
Filing Date	:31/07/2009	(72) Name of Inventor :
(87) International Publication No	: NA	1)KRISHNASWAMY Dilip
(61) Patent of Addition to Application Number	:NA	2)RAVEENDRAN Vijayalakshimi R.
Filing Date	:NA	3)DALEY Robert S.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In various embodiments communication apparatus and methods for providing robust communications are disclosed. For example an exemplary communication apparatus for distributing media to one or more receiving apparatus may include receiving circuitry configured to receive a first wireless multimedia broadcast signal containing at least a first media stream transmitting circuitry configured to wirelessly transmit one or more individual media streams simultaneously to the one or more receiving apparatus using one or more wireless transmit signals and decision circuitry configured to control the transmitting circuitry to transmit the first media stream to at least one receiving apparatus using at least one wireless transmit signal type based on a forward-link data capacity of each wireless channel between the transmitting circuitry and each receiving apparatus.

No. of Pages : 71 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7757/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : APPARATUS&NBSP; METHOD&NBSP; AND SYSTEM FOR SYNCHRONIZING TIME

(51) International classification	:H04L 7/00
(31) Priority Document No	:200910106520.X
(32) Priority Date	:02/04/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/071519
Filing Date	:02/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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(57) Abstract :

The present invention relates to the network communications field and especially relates to a time synchronization device method and system. The method includes: extracting the line clock frequency information from an input line code stream and extracting a time synchronization message from a message stream corresponding to the input line code stream; sending the input line code stream wherein the line clock frequency information and the time synchronization message have been extracted to a packet switch device for processing; receiving an output line code stream provided by the packet switch device; calibrating the local time according to the line clock frequency information and the time synchronization message and resuming the line clock frequency information of the output line code stream according to the calibrated local time and inserting a time synchronization response message into the message stream corresponding to the output line code stream....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7781/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHODS OF TREATING BACTERIAL INFECTIONS USING ORITAVANCIN•

(51) International classification	:A61K 38/16
(31) Priority Document No	:61/173,451
32) Priority Date	:28/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032441
iling Date	:26/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)BEAULIEU Sylvain

3)LEHOUX Dario

4)PARR Thomas Jr.

5)MOECK Gregory

(57) Abstract :

The present invention is directed to methods of treating a bacterial infection in a subject through the administration of a therapeutically effective amount of a glycopeptide antibiotic to a subject having a bacterial infection. The effective amount of the glycopeptide antibiotic that is administered to the subject provides a fraction of the glycopeptide antibiotic administered to the subject bound to serum proteins within the subject and within a selected range.

No. of Pages : 43 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7782/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : COMMUNICATION METHODS AND APPARATUS

(51) International classification	:H04W72/04
(31) Priority Document No	:12/427,890
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032056
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/124092 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)RAJIV LAROIA

2)JUNYI LI

3)VINCENT D. PARK

4)YING WANG

5)ALEKSANDAR JOVICIC

(57) Abstract :

Methods and apparatus well suited for efficiently communicating small amounts of information relatively frequently in a wireless communications system are described. An uplink timing frequency structure for an access point includes a set of dedicated uplink communications resources, e.g., expression advertisement interval air link resources. Different ones of the set of dedicated uplink communications resources correspond to different individual wireless communications devices currently registered with the access point. In the downlink timing frequency structure for the access point there are dedicated downlink broadcast communications resources, e.g., expression broadcast interval air link resources and neighbor expression broadcast interval air link resources. Information received on dedicated uplink air link resources is echoed back or selectively echoed back on the dedicated downlink air link resources. Wireless communications devices monitor downlink dedicated air link resources to recover expression information being communicated by other wireless communications devices in its local vicinity.

No. of Pages : 83 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.7784/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : TRANSMISSION OF FEEDBACK INFORMATION FOR DATA TRANSMISSIONS ON MULTIPLE CARRIERS

(51) International classification	:H04L5/06
(31) Priority Document No	:61/175,382
(32) Priority Date	:04/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033635
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/129619 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)JUAN MONTOJO

3)XIAOXIA ZHANG

(57) Abstract :

Techniques for sending feedback information for multi-carrier operation are described. In an aspect, feedback information for data transmissions on multiple downlink carriers may be sent on at least one uplink resource determined based on at least one downlink resource used to send at least one downlink grant for the data transmissions. In another aspect, feedback information for data transmissions on multiple downlink carriers may be sent with reduced or no orthogonal spreading to enable more feedback information to be sent. In yet another aspect, feedback information for data transmissions on multiple downlink carriers may be sent with channel selection. A UE may send a transmission of at least one signal value on at least one resource to convey acknowledgement (ACK) information for data transmissions on multiple downlink carriers. The signal value(s) and resource(s) may be determined based on the content of the ACK information.

No. of Pages : 62 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.7786/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : DATA AND CONTROL MULTIPLEXING IN WIRELESS COMMUNICATIONS

(51) International classification	:H04W72/04	(71) Name of Applicant :
(31) Priority Document No	:61/175,388	1)QUALCOMM INCORPORATED
(32) Priority Date	:04/05/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/033619	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:04/05/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/129605 A1	1)DURGA PRASAD MALLADI
(61) Patent of Addition to Application Number	:NA	2)JUAN MONTOJO
Filing Date	:NA	3)JELENA M. DAMNjanovic
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methodologies are described that facilitate defining a new control region over resources allocated for communicating general non-control data in a legacy network specification. The new control region can comprise multiple control channels, which can be multiplexed together and/or with general data channels. Devices can receive control data over the new control region as well as information regarding the region, such as location of the region, location of specific resources, multiplexing schemes, frequency hopping patterns, and/or the like to appropriately decode relevant control data. This allows for expanded control resources to support multicarrier assignments, large numbers of devices being addressed, special operation modes, new downlink control information (DCI) formats, and/or the like.

No. of Pages : 48 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7758/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR SECURITY ALGORITHM SELECTION
PROCESSING&NBSP; NETWORK ENTITY&NBSP; AND COMMUNICATION SYSTEM

(51) International classification	:H04L 9/00
(31) Priority Document No	:200910081161.7
(32) Priority Date	:03/04/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/071522
Filing Date	:02/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

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2)CHEN Jing

3)YANG Yi

(57) Abstract :

Embodiments of the present invention disclose a method and an apparatus for security algorithm selection processing a network entity and a communication system. The method includes: receiving a service request message sent by user equipment; and according to a security protection requirement of the service request message selecting a security algorithm from a security algorithm list supported by both the user equipment and a network entity where security algorithm lists supported by the user equipment and/or the network entity are set separately based on different security protection requirements or security algorithm lists supported by the user equipment and the network entity are used for indicating security capability of the user equipment and the network entity respectively.

No. of Pages : 70 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7759/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD&NBSP; APPARATUS AND SYSTEM FOR TRANSMITTING DATA ON DIGITAL SUBSCRIBER LINE

(51) International classification	:H04L 1/16
(31) Priority Document No	:200910106640.X
(32) Priority Date	:09/04/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/071652
Filing Date	:09/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(57) Abstract :

A method includes the following steps: sorting service data into retransmissive service data and non-retransmissive service data; allocating resources to the retransmissive service data and the non-retransmissive service data respectively and encapsulating the data into DTUs according to the allocated resources; sending by a sendel; the DTIJ that bears the service data; receiving by the sendel; a retransmission request that is sent according to a result ofjudging a bit error and a type of the retransmissive service where the retransmission request carries information about the DTU that needs to be retransmitted; and retransmitting by the sender a corresponding DTU that bears the retransmissive service data requested for retransmission.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.78/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SERVICE ACTIVATION USING ALGORITHMICALLY DEFINED KEY

(51) International classification	:H04L9/14
(31) Priority Document No	:61/185,924
(32) Priority Date	:10/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038109
Filing Date	:10/06/2010
(87) International Publication No	:WO 2010/144661 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)FAITH, PATRICK

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6)MIRIZZI, JOSEPH

7)WHITE, LAUREN

8)BRAND, OLIVER

9)LINDELSEE, MIKE

(57) Abstract :

Systems and methods for service activation using algorithmically defined keys are disclosed. A consumer who has a relationship with a first party may wish to enroll in a service provided by a third party. The first party can maintain control of such enrollments through the use of algorithmically defined keys. The algorithmically defined keys also allow the third party service provider to verify data provided by the consumer as matching data stored by the first party. The verification provides for data synchronization without requiring the third party to have access to the first parties data systems.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7806/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : COMPOUNDS AFFECTING GLYCEMIC INDEX

(51) International classification	:C07D 311/30	(71) Name of Applicant :
(31) Priority Document No	:2009901641	1)SACRON INNOVATIONS PTY LIMITED
(32) Priority Date	:17/04/2009	Address of Applicant :Level 1 80 Jephson Street Toowong
(33) Name of priority country	:Australia	QLD 4066 Australia
(86) International Application No	:PCT/AU2010/000427	(72) Name of Inventor :
Filing Date	:16/04/2010	1)Dionne Nadine PAYN
(87) International Publication No	: NA	2)David Norman LEACH
(61) Patent of Addition to Application Number	:NA	3)Myrna A. DESEO
Filing Date	:NA	4)Carol Ann MORRIS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compounds of formula I are disclosed which are useful as glycemic index lowering agents and/or as a-amylase and/or a-glucosidase inhibitors. Also disclosed are nutritional and/or pharmaceutical compositions and supplements comprising one or more of these compounds. The compounds will be beneficial to patients who require stabilization of their postprandial glucose levels.

No. of Pages : 58 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7807/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : AIR DUCT AND TONER CARTRIDGE USING SAME

(51) International classification	:G03G 21/10
(31) Priority Document No	:12/421,725
(32) Priority Date	:10/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030171
Filing Date	:07/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)VEGO Asmund

(57) Abstract :

The present disclosure relates to a cartridge for containing toner material used in an image-forming device. The cartridge comprises a developer roll two J-seals that provide interfaces with the developer roll at the ends thereof and an air duct that conducts airflow across the interfaces to cool the developer roll and seals. The air duct comprises an elongated hollow body and a pair of nozzles in fluid communication with the hollow body. One of the nozzles is disposed at a distal end of the developer roll near one J-seal and the other of the nozzles is disposed at a proximal end of the developer roll near the second J-seal.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.7787/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : TRANSMISSION OF FEEDBACK INFORMATION FOR MULTI-CARRIER OPERATION

(51) International classification	:H04L1/00	(71) Name of Applicant :
(31) Priority Document No	:61/175,382	1)QUALCOMM INCORPORATED
(32) Priority Date	:04/05/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/IB2008/053702	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:12/09/2008	(72) Name of Inventor :
(87) International Publication No	:WO 2009/034554	1)JELENA M. DAMNJANOVIC
	A3	2)JUAN MONTOJO
(61) Patent of Addition to Application Number	:NA	3)XIAOXIA ZHANG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques for sending feedback information for multi-carrier operation are described. In an aspect, feedback information may be sent on an uplink carrier that may or may not be paired with a downlink carrier on which data transmission is sent. A user equipment (UE) may receive data transmission on a downlink carrier among a plurality of downlink carriers. The UE may determine feedback information for the data transmission, determine an uplink carrier to use to send the feedback information from among a plurality of uplink carriers, and send the feedback information on the uplink carrier. In another aspect, feedback information for multiple downlink carriers may be sent on at least one uplink carrier using Single-Carrier Frequency Division Multiple Access (SC-FDMA). A UE may receive data transmissions on a plurality of downlink carriers, determine feedback information for the data transmissions, and send the feedback information on at least one uplink carrier using SC-FDMA.

No. of Pages : 53 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7788/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR FACILITATING RELIABLE TRANSMISSION OF A CONTROL REGION SIZE AND DETECTION OF CROSS-CARRIER SIGNALING

(51) International classification	:H04L5/00	(71) Name of Applicant :
(31) Priority Document No	:61/176,465	1)QUALCOMM INCORPORATED
(32) Priority Date	:07/05/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/033935	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:06/05/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/129812 A3	1)PETER GAAL
(61) Patent of Addition to Application Number	:NA	2)WANSHI CHEN
Filing Date	:NA	3)JELENA M. DAMNJANOVIC
(62) Divisional to Application Number	:NA	4)AAMOD DINKAR KHANDEKAR
Filing Date	:NA	5)JUAN MONTOJO
		6)NAGA BHUSHAN

(57) Abstract :

Methods, apparatuses, and computer program products are disclosed for facilitating indicating and detecting control region sizes. A multi-carrier communication between a wireless terminal and a base station is facilitated by a first carrier having a first control region size and a second carrier having a second control region size. Embodiments are disclosed in which control region sizes are ascertained from a control signal, wherein the control is generated by either scrambling an aspect of the control signal based on the second control region size, or relating the second control region size with the first control region size. Other disclosed embodiments for ascertaining control region sizes include a reverse interleaver embodiment, wherein a set of modulation symbols is mapped beginning from a last data symbol and ending with a first available data symbol.

No. of Pages : 69 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.7789/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHODS AND APPARATUS FOR COMMUNICATING INFORMATION

(51) International classification	:H04W72/04	(71) Name of Applicant :
(31) Priority Document No	:12/427,883	1)QUALCOMM INCORPORATED
(32) Priority Date	:22/04/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/032009	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:22/04/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/124060 A1	1)RAJIV LAROIA
(61) Patent of Addition to Application Number	:NA	2)JUNYI LI
Filing Date	:NA	3)VINCENT D. PARK
(62) Divisional to Application Number	:NA	4)YING WANG
Filing Date	:NA	5)ALEKSANDAR JOVICIC

(57) Abstract :

Methods and apparatus for efficiently communicating small amounts of information relatively frequently in a wireless communications system are described. An access point's uplink timing frequency structure includes a set of dedicated uplink communications resources, e.g., expression advertisement interval air link resources, which may be in addition to regular traffic channel resources. The set of dedicated uplink communications resources comprises a small fraction of the total uplink communications resources. An individual one of the set of dedicated uplink communications resources can carry a small amount of information bits. An expression advertisement interval occurs relatively frequently. A wireless communications device, registered with the access point, is allocated one of the set of dedicated uplink resources. The wireless communications device can transmit information using its allocated resource in both a sleep state and an active state.

No. of Pages : 81 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7812/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : IMPROVED CONTAINERS•

(51) International classification	:B65D 6/04
(31) Priority Document No	:2009901455
(32) Priority Date	:03/04/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000340
Filing Date	:26/03/2010
(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

(71)Name of Applicant :

1)GARMOND PTY. LIMITED

Address of Applicant :5/34 Carrick Drive Tullamarine VIC 3043 Australia

(72)Name of Inventor :

1)Leslie John SKINNER

(57) Abstract :

A blank for a box made from an expandable material which is initially moulded generally flat in which where folds forming hinges are to be made to enable the formation of the box the tooling which defines the shape of the blank is such as to provide a thickness of the expanded material less than the thickness of the major part of the blank where the folds are to be made having defined edges generally in the direction of each fold the fold and subsequently applying pressure along the area where folds are to be permitted to reduce the thickness of the this blank without removing material therefrom thereby providing hinges to permit formation of the box. The invention also provides a method of making the blank and a box made from the blank.

No. of Pages : 36 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7813/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : WIRELESS SENSOR READER

(51) International classification	:G08B 1/08	(71) Name of Applicant :
(31) Priority Document No	:12/419,326	1)ENDOTRONIX INC.
(32) Priority Date	:07/04/2009	Address of Applicant :420 N. Main Street East Peoria IL 61611-2018 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/027951	1)ROWLAND Harry
Filing Date	:19/03/2010	2)WATKINS Roger
(87) International Publication No	: NA	3)SUNDARAM Balamurugan
(61) Patent of Addition to Application Number	:NA	4)PAUL Brian
Filing Date	:NA	5)AHN In Soo
(62) Divisional to Application Number	:NA	6)NAGY Michael
Filing Date	:NA	

(57) Abstract :

A wireless sensor reader is provided to interface with a wireless sensor. The wireless sensor reader transmits a narrowband fixed frequency excitation pulse to cause the wireless sensor to generate a ring signal. The ring signal corresponds to the value of the physical parameter being sensed. The wireless sensor reader receives and amplifies the ring signal and sends the signal to a phase-locked loop. A voltage-controlled oscillator in the phase-locked loop locks onto the ring signal frequency and generates a count signal at a frequency related to the ring signal frequency. The voltage-controlled oscillator is placed into a hold mode where the control voltage is maintained constant to allow the count signal frequency to be determined. The low power simple circuitry required to generate the excitation pulse allows the reader to be a small battery operated unit. Alternative methods of frequency determination are also disclosed.

No. of Pages : 58 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7814/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : INFRARED DETECTOR

(51) International classification	:H01L 31/042	(71) Name of Applicant : 1)UD HOLDINGS LLC Address of Applicant :7636 Amboy St. Dearborn Heights MI 48127 U.S.A.
(31) Priority Document No	:61/168,601	
(32) Priority Date	:12/04/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/028293	(72) Name of Inventor : 1)David KRYSKOWSKI 2)Justin RENKEN
Filing Date	:23/03/2010	
(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	

(57) Abstract :

In at least one embodiment an infrared (IR) detector for generating an image of an object is provided. The IR detector includes a plurality of thermal sensing elements that are arranged in an array of M columns and N rows. Each thermal sensing element is configured to receive at least one oscillating signal and detect at least a portion of a thermal output from the object. Each thermal sensing element is further configured to generate an electrical output signal that is indicative of at least a portion of detected thermal output and to modulate the electrical output signal with the at least one oscillating signal to generate a modulated output signal that is indicative of at least a portion of the image of the object.

No. of Pages : 33 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7815/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR IMPROVING TARGETING OF ADVERTISING

(51) International classification	:G06Q 30/00	(71) Name of Applicant :
(31) Priority Document No	:61/163,623	1)ChaCha Search Inc.
(32) Priority Date	:26/03/2009	Address of Applicant :14550 Clay Terrace Blvd. Ste. 130 Carmel IN 46032 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/028860	1)Scott JONES
Filing Date	:25/03/2010	2)Michael BURROUGHS
(87) International Publication No	: NA	3)Andrew DORAN
(61) Patent of Addition to Application Number	:NA	4)Mark GAMACHE
Filing Date	:NA	5)Christopher LENZO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for improving targeting of advertisements allows guides to provide opinion information regarding advertisements responsive to targeting information associated with the advertisements. An advertiser selects a category keyword and/or profile associated with an advertisement which may be used to select a guide who may express an opinion. Rating of an advertisement based on guide opinions are used to adjust a ranking of advertisements which may be used to determine if an advertisement will be provided to a user.

No. of Pages : 117 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7816/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : A MINI-TYPE AUTOMATIC AEROSOL FIRE SUPPRESSION APPARATUS•

(51) International classification	:A62C 35/11	(71)Name of Applicant :
(31) Priority Document No	:200920033447.3	1)SHAANXI J & R FIRE FIGHTING CO. LTD
(32) Priority Date	:08 06/2009	Address of Applicant :7th Floor Qingyang International Building 65Nr. Keji 2nd Road Gaoxin District Xian Shaanxi 710075 China
(33) Name of priority country	:China	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/CN2010/073591 :06/ 6/2010	1)GUO Hongbao 2)ZHANG Weipeng 3)ZHANG Zanfeng 4)DENG Zhenping 5)LIU Qian 6)ZHAI Tengfei 7)ZHANG Sanxue 8)ZHANG Guoxing 9)ZHANG Kun
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention relates to a mini-type automatic aerosol fire suppression apparatus comprising top cap (1) thermal insulating layer (3) inner cylinder (4) outer cylinder (5) bottom cap (7) sensing element (8) screen (9) and igniter (11) wherein a chemical agent (6) and a cooling layer (10) are installed in the inner cylinder (4) the thermal insulating layer (3) is installed between the inner cylinder (4) and the outer cylinder (5) and the sensing element (8) is designed to sense fire. The volume of the apparatus is not greater than 0.05 m3. Compared to that in the prior art the apparatus is delicate and easy to install and is suitable for quick local fire suppression and can get twice the result with half the effort in such applications.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7817/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : A HAND-HELD AEROSOL FIRE SUPPRESSION APPARATUS•

(51) International classification	:A62C 5/00	(71) Name of Applicant :
(31) Priority Document No	200920033448.8	1)SHAANXI J & R FIRE FIGHTING CO. LTD
(32) Priority Date	:08/06/2009	Address of Applicant :7th Floor Qingyang International Building 65Nr. Keji 2nd Road Gaoxin District Xian Shaanxi 710075 China
(33) Name of priority country	:China	(72) Name of Inventor :
(86) International Application No	:PCT/CN2010/073592	1)GUO Hongbao
Filing Date	:06/06/2010	2)DENG Zhenping
(87) International Publication No	: NA	3)ZHENG Gaofeng
(61) Patent of Addition to Application Number	:NA	4)ZHANG Sanxue
Filing Date	:NA	5)ZHU Xianfei
(62) Divisional to Application Number	:NA	6)LIU Honghong
Filing Date	:NA	7)ZHANG Weipeng
		8)ZHANG Zanfeng

(57) Abstract :

The present invention relates to a hand-held aerosol fire suppression apparatus comprising button (2) thermal insulating layer (3) jet nozzle (8) enclosure of apparatus (10) combustion chamber (11) rear fender (14) and rear cap (17) wherein the enclosure of apparatus (10) has an enclosure of cartridge (4) that accommodate a chemical agent (5) and an enclosure of cooling layer (6) that is filled with a cooling material (7) the combustion chamber (11) is installed between the enclosure of cartridge (4) and the enclosure of cooling layer (6) the thermal insulating layer (3) is arranged between the enclosure of apparatus (10) and the enclosure of cartridge (4) between the enclosure of apparatus (10) and the enclosure of cooling layer (6) and between.....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7819/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : CELL MEASUREMENT DEVICE AND PROCESS

(51) International classification	:H04W16/24	(71) Name of Applicant : 1)NEC CORPORATION Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO Japan
(31) Priority Document No	:0905395.0	
(32) Priority Date	:30/03/2009	
(33) Name of priority country	:U.K.	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/055983	1)FINDLAY, STUART
Filing Date	:25/03/2010	2)NOSLEY, MICHAEL
(87) International Publication No	:WO 2010/114081	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cellular communications system is described in which a mobile cellular device can, if necessary, obtain cell measurements for cells contained within a first cell list after it has received- a second cell list. The mobile device then reports the cell measurements for cells within both lists so that a best candidate cell is less likely to be discarded in a cell handover procedure. A network node is also disclosed that can receive cell measurements for cells within a first cell list after the node has issued a second cell list. The node then uses the received cell measurement data to control a handover procedure.

No. of Pages : 20 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.782/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : CYCLIC (AZA)INDOLIZINECARBOXAMIDES THEIR PREPARATION AND THEIR USE AS PHARMACEUTICALS

(51) International classification	:A61K 31/437	(71) Name of Applicant :
(31) Priority Document No	:09290599.1	1)SANOFI Address of Applicant :174 Avenue De France 75013 Paris
(32) Priority Date	:29/07/2009	France
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/060679	1)STEINHAGEN Henning
Filing Date	:23/07/2010	2)SCHEIPER Bodo
(87) International Publication No	: NA	3)MATTER Hans
(61) Patent of Addition to Application Number	:NA	4)MCCORT Gary
Filing Date	:NA	5)B^GIS Guillaume
(62) Divisional to Application Number	:NA	6)GOBERVILLE Pascale
Filing Date	:NA	7)THIERS Brang're

(57) Abstract :

Cyclic (aza)indolizinecarboxamides their preparation and their use as pharmaceuticals The present invention relates to cyclic indolizinecarboxamides and azaindolizinecarboxamides of the formulae Ia and Ib wherein R Ra R10 R20 R30 R40 Y n p and q have the meanings indicated in the claims which are valuable pharmaceutical active compounds. Specifically they inhibit the enzyme renin and modulate the activity of the renin-angiotensin system and are useful for the treatment of diseases such as hypertension for example. The invention furthermore relates to processes for the preparation of the compounds of the formulae Ia and Ib their use and pharmaceutical compositions comprising them.

No. of Pages : 122 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7826/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR DETECTING ANTIBODY AGAINST SITH-1 IN BIOLOGICAL SAMPLE

(51) International classification	:G01N33/569	(71) Name of Applicant :
(31) Priority Document No	:2009-087816	1)JAPAN TOBACCO INC.
(32) Priority Date	:31/03/2009	Address of Applicant :2-1, TORANOMON 2-CHOME, MINATO-KU, TOKYO 105-8422 Japan
(33) Name of priority country	:Japan	2)VIRUS IKAGAKU KENKYUSHO INC.
(86) International Application No	:PCT/JP2010/055884	(72) Name of Inventor :
Filing Date	:31/03/2010	1)TAKAKURA, YOSHIMITSU
(87) International Publication No	:WO 2010/114029	2)OKA, NAOMI
	A1	3)KONDO, KAZUHIRO
(61) Patent of Addition to Application Number	:NA	4)KOBAYASHI, NOBUYUKI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method for detecting an antibody against a small protein encoded by the intermediate stage transcript of HHV-6 (SITH-1) in a biological sample. The method of the present invention comprises: 1) providing the SITH-1 protein; 2) binding the SITH-1 protein provided in step 1) to a carrier; and 3) contacting the biological sample with the SITH-1 protein-bound carrier prepared in step 2) to detect the SITH-1 protein antibody.

No. of Pages : 76 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7828/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : IMAGE ENHANCING DEVICE, IMAGE ENHANCING METHOD, IMAGE ENHANCING PROGRAM AND SINGNAL PROCESSING DEVICE

(51) International classification	:H04N5/208	(71) Name of Applicant : 1)SHARP KABUSHIKI KAISHA Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(31) Priority Document No	:2009-088058	
(32) Priority Date	:31/03/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2009/067787	(72) Name of Inventor : 1)GOSHI, SEIICHI
Filing Date	:14/10/2009	
(87) International Publication No	:WO 2010/113342 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to improve quality of image by sufficiently sharpening the image through an appropriate high-frequency compensation with a simple arrangement, not only for still images but also for moving images and even if the images have already undergone image enlarging processes. An HPF (11) extracts high-frequency components from an input image signal Sin. A square operator (12) generates a squared signal S12 by squaring the first signal SI. A first differentiator (13) generates a first differentiation signal S13 by differentiating the squared signal S12. The second differentiator (14) generates a second differentiation signal S14 by differentiating the input image signal Sin. A multiplier (15) generates a second signal S2 by multiplying the first differentiation signal S13 by the second differentiation signal S14. An adder (16) generates an output image signal Sout by adding the second signal S2 to the input image signal Sin, as a compensation signal.

No. of Pages : 93 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.783/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : INTERCONNECTION SHEET SOLAR CELL WITH INTERCONNECTION SHEET SOLAR CELL MODULE AND INTERCONNECTION SHEET ROLL

(51) International classification	:H01L 31/04	(71) Name of Applicant : 1)SHARP KABUSHIKI KAISHA Address of Applicant :22-22 Nagaike-cho Abeno-ku Osaka-shi Osaka 545-8522 Japan
(31) Priority Document No	:2009-153553	
(32) Priority Date	:29/06/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/060720	(72) Name of Inventor :
Filing Date	:24/06/2010	1)SAINOO Yasushi
(87) International Publication No	: NA	2)TSUNEMI Akiko
(61) Patent of Addition to Application Number	:NA	3)NISHINA Tomohiro
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An interconnection sheet (10) a solar cell with the interconnection sheet a solar cell module and an interconnection sheet roll satisfy a relationship of $Y = Z < X$ where X represents a maximum linear distance in a first direction (50) from a connection portion (21a) connecting a wire for n type (12) and a first connecting wire (14a) to a connection portion (21b) connecting a wire for p type (13) and a second connecting wire (14b). Y represents a maximum length of an alternating array portion (20) in the first direction (50) and Z represents a maximum length of the alternating array portion (20) in a second direction (51).

No. of Pages : 47 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7808/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : APPARATUS AND METHOD FOR PREPARING MULTIPLE PH WATER STREAMS

(51) International classification	:C02F 1/461	(71) Name of Applicant : 1)AQUA TECHNOLOGY SYSTEMS LLC Address of Applicant :8410 Technology Drive Weston Wisconsin 54476 U.S.A.
(31) Priority Document No	:61/163,651	
(32) Priority Date	:26/03/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/028850	
Filing Date	:26/03/2010	
(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	

(57) Abstract :

The invention provides an improved method for creating at least two flows of water from a reactor derived from substantially pH7 water for various applications and having widely divergent pH readings between 2 and 14 without need for chemicals. In addition the reactor generates said divergent flows without need of an RF or A/C generator.

No. of Pages : 19 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7809/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND DEVICE FOR PROCESSING A MEASUREMENT CONTEXT

(51) International classification	:H04W 24/00	(71) Name of Applicant :
(31) Priority Document No	:200910082818.1	1)China Academy of Telecommunications Technology Address of Applicant :NO. 40 Xueyuan Rd. Haidian
(32) Priority Date	:22/04/2009	District Beijing 100191 P.R. China
(33) Name of priority country	:China	(72) Name of Inventor :
(86) International Application No	:PCT/CN2010/000560	1)FANG Jiayi 2)YAN Nan
Filing Date	:22/04/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and a device for processing a measurement context are provided by the present invention. The method includes: preparing for handover between radio access network devices in the Long Term Evolution (LTE) system (101); processing the network side measurement context between the radio access network devices (102). The application of the present invention can avoid the error resulted from the difference between the network side measurement context and the user equipment side measurement context and can realize the interconnection between the radio access network devices of different manufacturers.

No. of Pages : 49 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.781/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : NETWORK-ASSISTED INITIATION OF EMERGENCY CALLS FROM A MULTI-MODE WIRELESS COMMUNICATION DEVICE•

(51) Intern tional classification	:H04W /22
(31) Priority Document No	:61/226,478
(32) Priority Date	:17/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/058155
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)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

Address of Applicant :SE-164 83 Stockholm Sweden

(72)Name of Inventor :

1)HEDMAN Peter

2)LINDHOLM Fredrik

(57) Abstract :

A multi-mode wireless communication device is configured to access a core network of a wireless communication system via any one of multiple different access networks (ANs). Not all of these ANs may support emergency calls. To help the device select which AN it should use to initiate an emergency call one or more servers in the core network send emergency support information to the device indicating which ANs support emergency calls. The server(s) advantageously send this information to the device prior to the device initiating an emergency call. Thus upon receiving a command to initiate an emergency call the device intelligently selects the AN over which to initiate the call based on which ANs actually support that emergency call. This eliminates or at least minimizes the possibility that the emergency call will be redirected to a different AN thereby reducing the delay required to successfully place the emergency call.

No. of Pages : 27 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7810/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : IMPROVED STEREOLITHOGRAPHY MACHINE

(51) International classification	:B29C 67/00	(71) Name of Applicant :
(31) Priority Document No	:VI2010A000136	1)DWS S.R.L.
(32) Priority Date	:17/05/2010	Address of Applicant :Via Lago di Levico 3 36010 ZANE (Vicenza) Italy
(33) Name of priority country	:Italy	(72) Name of Inventor :
(86) International Application No	:PCT/EP2011/057904	1)BUSATO Renzo
Filing Date	:16/05/2011	
(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	

(57) Abstract :

Stereolithography machine (1) comprising: a supporting frame (2); a tank (3) suited to contain a liquid substance; a supporting plate (4) associated with the supporting frame (2) suited to support the tank (3); a stopping unit (5) suited to firmly hold the tank (3) on the supporting plate (4) in a resting position; emitter means (6) suited to direct a predefined electromagnetic radiation (6a) towards the tank (3); a holding unit (7) of the tank (3) operatively associated with the supporting plate (4) through first actuator means (8) configured so as to move the tank (3) with respect to the supporting plate (4) according to a predefined trajectory of movement. The stopping unit (5) comprises second actuator means (17) that define for the stopping unit (5) an active configuration for holding the tank (3) and a rest configuration for releasing the tank (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7811/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND EQUIPMENT FOR PROCESSING LOCAL NETWORK TYPE FOR BASE STATION

(51) International classification	:H04W 48/12
(31) Priority Document No	:200910082811.X
(32) Priority Date	:22/04/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/000558
Filing Date	:22/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY

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(72)Name of Inventor :

1)XIONG Chunshan

2)WANG Ying

3)YAN Nan

(57) Abstract :

The present application discloses a method and an equipment for processing the local network type of a base station (BS). The method comprises: when a BS has determined its local network type it indicates to a user equipment (UE) said local network type; and when the UE receives the indication carrying said local network type of the BS it can determine according to said indication the local network type of the BS. The present application solves the problem of a user being unable to acquire the type of network connected to a BS and accordingly being unable to determine the corresponding connection means and enriches user experience.

No. of Pages : 76 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7831/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : COMMUNICATION OF INFORMATION ON BUNDLING OF PACKETS IN A TELECOMMUNICATION SYSTEM

(51) International classification	:H04W72/12
(31) Priority Document No	:61/176,043
(32) Priority Date	:06/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033945
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/129822 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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

(72)Name of Inventor :

1)SIDDHARTH RAY

2)ASHWIN SAMPATH

(57) Abstract :

Systems and methods are described to communicate information that specifies bundling of packets and to respond to the bundling in a wireless communication environment. A user equipment (UE) performs bundling of data packets without reliance on a radio resource grant. The UE can generate a bundling report comprising information that specifies at least in part the bundling and transmits the bundling report to a base station. The information can convey a number of bundled data packets; a number of unbundled data packets at the user equipment; an amount of bundled data at the mobile device; or a combination thereof. The UE can transmit the bundling report in accordance with a preconfigured delivery mode or can receive from the base station an indication of a delivery mode to transmit the bundling report. The base station can utilize the information conveyed in the bundling report to schedule radio resource(s).

No. of Pages : 59 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7832/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEMS, METHODS AND APPARATUS FOR FACILITATING DISCONTINUOUS RECEPTION IN A MULTICARRIER WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W76/04	(71) Name of Applicant :
(31) Priority Document No	:61/175,400	1)QUALCOMM INCORPORATED
(32) Priority Date	:04/05/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DIRVE, SAN
(86) International Application No	:PCT/US2010/033611	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:04/05/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/129597 A1	1)PETER GAAL
(61) Patent of Addition to Application Number	:NA	2)JELENA M. DAMNJANOVIC
Filing Date	:NA	3)JUAN MONTOJO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems, methods and apparatus for facilitating discontinuous reception are provided. An example of a first method can include providing one or more discontinuous reception cycles respectively corresponding to one or more inactivity periods. During respective awake periods of the one or more discontinuous reception cycles, data can be received on respective ones of one or more frequency carriers. The number and type of the one or more frequency carriers on which data is received can be determined based on the one or more inactivity periods. Further, in some embodiments, in addition to providing discontinuous reception on selected frequency carriers, data can be received according to continuous reception on other frequency carriers, such as the anchor carrier.

No. of Pages : 61 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7833/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : RELAY NODE USER PLANE SUPPORT

(51) International classification	:H04W28/10
(31) Priority Document No	:61/173,071
(32) Priority Date	:27/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032617
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010126905 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 :INTERNATIONAL IP
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(72)Name of Inventor :

1)SAI YIU DUNCAN HO

2)PARAG ARUN AGASHE

3)FATIH ULUPINAR

(57) Abstract :

Systems and methodologies are described that facilitate providing user plane support for internet protocol (IP) relays. Service data units (SDU) received at a radio communication layer can be provided to an upper communication layer, such as a packet data convergence protocol (PDCP) layer, without regard to sequence numbers. The upper communication layer can handle reordering of the received protocol data units. Since communications related to a plurality of devices through one or more IP relays can be mapped over a single bearer, allowing reordering at the upper communication layer can mitigate delay caused where a donor or other upstream access point is delayed in providing a sequential SDU related to one of a plurality of devices downstream. In this regard, SDUs related to other devices can be processed by the upper communication layer while waiting for the sequential SDU.

No. of Pages : 47 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7834/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : PDCCH SERARCH SPACE DESIGN FOR LTE-A MULTI-CARRIER OPERATION

(51) International classification	:H04L5/06	(71) Name of Applicant :
(31) Priority Document No	:61/174,441	1)QUALCOMM INCORPORATED
(32) Priority Date	:30/04/2009	Address of Applicant : 5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/033260	1)WANSHI CHEN
Filing Date	:30/04/2010	2)PETER GAAL
(87) International Publication No	:WO 2010/127300 A3	3)JUAN MONTOJO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method, an apparatus, and a computer program product are provided in which a configuration for utilizing a plurality of carriers is received. In addition, a set of PDCCH candidates on a carrier of the plurality of carriers are determined for obtaining DCI for at least one carrier of the plurality of carriers. The number of PDCCH candidates is a function of a number of carriers of the at least one carrier.

No. of Pages : 53 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7842/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR UPLINK POWER CONTROL IN A MULTICARRIER WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W52/42	(71)Name of Applicant :
(31) Priority Document No	:61/175,405	1)QUALCOMM INCORPORATED
(32) Priority Date	:04/05/2009	Address of Applicant :ATTN: INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/033631	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:04/05/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2010/129616 A1	1)JELENA M. DAMNJANOVIC
(61) Patent of Addition to Application Number	:NA	2)JUAN MONTOJO
Filing Date	:NA	3)NAGA BHUSHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The described apparatus and methods may include a controller configured to determine power required for at least one of a plurality of carriers, and generate at least one of a plurality of power control commands for at least one of the plurality of carriers based on the determination.

No. of Pages : 42 No. of Claims : 77

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7844/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : PEAK-TO-AVERAGE POWER RATIO REDUCTION WITH BOUNDED ERROR VECTOR MAGNITUDE

(51) International classification	:H04L27/34	(71) Name of Applicant : 1)XILINX, INC. Address of Applicant :2100 LOGIC DRIVE, SAN JOSE, CA 95124 U.S.A.
(31) Priority Document No	:12/430,863	
(32) Priority Date	:27/04/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/032127	(72) Name of Inventor : 1)RAO, RAGHAVENDAR, M. 2)DICK, CHRISTOPHER, H.
Filing Date	:22/04/2010	
(87) International Publication No	:WO 2010/129190 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method and apparatus for signal processing to minimize the peak to average power ratio of an Orthogonal Frequency Division Multiplexing (OFDM) or Orthogonal Frequency Division Multiple Access (OFDMA) signal with bounded error vector magnitude for an integrated circuit (100) are described. An Active Constellation Extension (ACE) iteration is performed. Symbols outside of a bounded region (520, 620) after the ACE iteration are identified. The bounded region (520, 620) is determined responsive to an error vector magnitude target. The symbols identified are translated to the bounded region (520, 620).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7849/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD&NBSP; DEVICE AND SYSTEM FOR GENERATING AND RECEIVING A PHASE POLARIZATION MODULATED SIGNAL

(51) International classification	:H04B 10/145
(31) Priority Document No	:200910106643.3
(32) Priority Date	:13/04/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/071448
Filing Date	:31/03/2010
(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

(71)Name of Applicant :

1)Huawei Technologies Co. Ltd.

Address of Applicant :Huawei Administration Building
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(72)Name of Inventor :

1)XU Xiaogeng

2)LIU Lei

(57) Abstract :

In the field of communications transmission a method a device and a system for generating and receiving a phase polarization modulated signal are disclosed. The device for generating the phase polarization modulated signal includes: a Laser Diode (LD) a time division demultiplexer a phase precoding module a phase modulating module a polarization precoding module and a polarization modulating module. The device for receiving the phase polarization modulated signal includes: an optical splitter a polarim; a phase demodulating and receiving unit a Polarization Beam Splitter (PBS) a balanced receivei; a power divider an exclusive OR a delayer and a data interface processing unit. Ihereforc problems in the prior art that a Differential Quadrature Phase Shift Keying (DQPSK) signal cannot bear and transmit information at a higher rate and that non-linear effect is strong during transmission are solved and transmission performance of an optical signal is improved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.785/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : HUMAN AUDIBLE LOCALIZATION FOR SOUND EMITTING DEVICES

(51) International classification	:H04S	(71) Name of Applicant :
(31) Priority Document No	:61/449,356	1)Research In Motion Limited
(32) Priority Date	:04/03/2011	Address of Applicant :295 Phillip Street Waterloo Ontario N2L 3W8 Canada.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)GRENN John Patrick
Filing Date	:NA	2)FERRINGO Shayne
(87) 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 :

Audible signals (108, 112, 500, 600, 700) are created (800, 900, 1000) and emitted (1406) that provide a human user with improved sound localization cues to quickly and efficiently find the emitting device (102). Different emitted audible signals are sequentially emitted (400) in response to receiving an activation signal (120, 122). The different audible signals have been observed to efficiently help a human locate emitting devices that are 1) inside a sealed enclosure (112), such as a box; 2) in close proximity to the user; and 3) that is a large distance from the user.

No. of Pages : 81 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.785/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : NON-INVASIVE IN VIVO OPTICAL IMAGING METHOD

(51) International classification	:A61B 3/12	(71) Name of Applicant : 1)F. HOFFMANN-LA ROCHE AG Address of Applicant :124 Grenzacherstrasse CH-4070 Basel Switzerland
(31) Priority Document No	:09166531.5	
(32) Priority Date	:28/07/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2010/060957	(72) Name of Inventor : 1)DOBOSZ Michael 2)SCHEUER Werner 3)STROBEL Steffen
Filing Date	:28/07/2010	
(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	

(57) Abstract :

The present invention relates to a non-invasive method of determining the presence quantifying the blood level and/or monitoring or determining the blood clearance of a fluorescent analyte which comprises a fluorescent entity and a second entity in the blood of a subject comprising or consisting of the steps: (a) directing excitation light of at least one predetermined wavelength onto a delineated region comprising at least a portion of the pupil of said subject to excite the fluorescent entity (b) receiving light emitted from said fluorescent analyte with a wavelength distinguishable from the predetermined wavelength of (a) through the eye of said subject thereby determining the presence quantifying the blood level and/or monitoring or determining the blood clearance of said fluorescent analyte in the blood of said subject.

No. of Pages : 90 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7835/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PCFICH DESIGN FOR MULTICARRIER OPERATION

(51) International classification	:H04L5/06	(71) Name of Applicant :
(31) Priority Document No	:61/174,437	1)QUALCOMM INCORPORATED
(32) Priority Date	:30/04/2009	Address of Applicant :ATTN: INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/033242	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:30/04/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/127292 A2	1)JELENA M. DAMNJANOVIC
(61) Patent of Addition to Application Number	:NA	2)NAGA BHUSHAN
Filing Date	:NA	3)JUAN MONTOJO
(62) Divisional to Application Number	:NA	4)PETER GAAL
Filing Date	:NA	

(57) Abstract :

Systems and methodologies are described that facilitates communicating Physical Control Format Indicator Channel (PCFICH) information to a user equipment (UE) in which the PCFICH information is specific to a particular component carrier. The PCFICH information for each component carrier can be communicated via an anchor component carrier in order to reduce decoding each PCFICH information for each component carrier. In particular, the PCFICH information can be decoded for an anchor component carrier and PCFICH information for additional carriers can be included in a Multi-Carrier (MC) grant of the Physical Downlink Control Channel (PDCCH).

No. of Pages : 47 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7839/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR FACILITATING MULTICARRIER DIFFERENTIAL CHANNEL QUALITY INDICATION(CQI) FEEDBACK

(51) International classification	:H04L1/00	(71) Name of Applicant :
(31) Priority Document No	:61/175,392	1)QUALCOMM INCORPORATED
(32) Priority Date	:04/05/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/033604	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:04/05/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/129593 A1	1)JELENA M. DAMNJANOVIC
(61) Patent of Addition to Application Number	:NA	2)JUAN MONTOJO
Filing Date	:NA	3)AVNEESH AGRAWAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods, apparatuses, and computer program products are disclosed for facilitating multicarrier channel quality indicator (CQI) feedback. A wireless terminal communicates with a base station via a plurality of carriers and receives configuration data generated by the base station identifying a subset of carriers included in the plurality of carriers. The wireless terminal identifies a reference carrier and reports a reference CQI value corresponding to the reference carrier to the base station. The wireless terminal also reports a differential CQI value derived from the reference CQI value to the base station.

No. of Pages : 62 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION

(21) Application No.784/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : SENSOR USED TOGETHER WITH A DETECTOR TO MEASURE BIOMATERIAL AND APPARATUS USING SAME

(51) International classification	:G01N 33/48
(31) Priority Document No	:10-2009-0059190
(32) Priority Date	:30/06/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/002755
Filing Date	:30/04/2010
(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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(72)Name of Inventor :

1)LEE Jin-Woo

2)CHOI Jae-kyu

3)KIM Tae-Hun

4)YOON Young-II

(57) Abstract :

The present invention relates to a sensor used together with a detector to measure biomaterial and to an apparatus using same. A sensor of the present invention comprises: a body portion with a three-dimensional shape having a biomaterial introduction hole and attachable and detachable to/from a detector; a sensor portion with a plurality of reaction electrodes formed on one surface thereof and a plurality of transfer electrodes formed on the other surface thereof; and an analyzer reagent fixed above the reaction electrodes. The sensor portion together with the body portion forms a reaction chamber connected to the biomaterial introduction hole and is attached to the body portion such that the reaction electrodes are oriented toward the reaction chamber. According to the present invention attachment and detachment is easy even for the elderly and the contamination of the sensor can be minimized.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7855/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : A SYSTEM AND METHOD OPERABLE TO ENABLE SHORTEST CONNECTION ROUTE

(51) International classification	:H04W4/24	(71) Name of Applicant : 1)SYNAPSE INTERNATIONAL S.A. Address of Applicant :53, ROUTE D'ARLON L-8211 MAMER Luxembourg
(31) Priority Document No	:0950211-3	
(32) Priority Date	:01/04/2009	
(33) Name of priority country	:Sweden	
(86) International Application No	:PCT/SE2010/050329	
Filing Date	:25/03/2010	
(87) International Publication No	:WO 2010/114464	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system (10) operable to enable shortest connection route for a mobile means (12) of a subscriber, when the mobile means (12) has roamed between a home network (14) comprised in the system (10), and a foreign network (16) comprised in the system (10). When the mobile means (12) requests connection to Internet I, a serving means (18) comprised in the foreign network (16) is operable to communicate with, and to receive information regarding a voucher, representing an amount of money, regarding the foreign network (16), from a voucher registry means (20) comprised in the system (10). If a voucher, representing enough amount of money, is registered in the voucher registry means (20), the serving means (18) is operable to route a packet to a gateway means (22) comprised in the foreign network (16). The gateway means (22) is operable to allocate an IP address for the mobile means (12) and to function as an access point to Internet I.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7850/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESS FOR MAKING A MILK-BASED PROTEIN HYDROLYSATE

(51) International classification	:A23L 1/305
(31) Priority Document No	:09157185.1
(32) Priority Date	:02/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/054290
Filing Date	:31/03/2010
(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

(71)Name of Applicant :

1)NOVOZYMES A/S

Address of Applicant :Krogshoejvej 36 DK-2880 Bagsvaerd Denmark

(72)Name of Inventor :

1)OESTERGAARD Peter R.

2)ERNST Steffen

3)LYNGLEV Gitte B.

(57) Abstract :

The present invention relates to an enzymatic process for making a milk-based protein hydrolysate and use of such hydrolysate e.g. in an infant formula composition

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7851/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR PROCESSING DOCUMENT OBJECT MODELS (DOM) TO PROCESS VIDEO CONTENT

(51) International classification	:G06F 17/30	(71) Name of Applicant :
(31) Priority Document No	:61/164,625	1)NOKIA CORPORATION
(32) Priority Date	:30/03/2009	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(33) Name of priority country	:U.S.A.	Finland
(86) International Application No	:PCT/US2010/029269	(72) Name of Inventor :
Filing Date	:30/03/2010	1)Timothy J. Chabot
(87) International Publication No	: NA	2)Edwin D. Windes
(61) Patent of Addition to Application Number	:NA	3)Gregory J. Athas
Filing Date	:NA	4)Gang Li
(62) Divisional to Application Number	:NA	5)Thomas E. Hayosh
Filing Date	:NA	6)Cesar Moreno

(57) Abstract :

Attached

No. of Pages : 47 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.7852/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : WIND TURBINE ROTOR BLADE

(51) International classification	:F03D1/06	(71) Name of Applicant : 1)VESTAS WIND SYSTEMS A/S Address of Applicant :ALSVEJ 21, DK-8940 RANDERS SV Denmark
(31) Priority Document No	:0907444.4	
(32) Priority Date	:30/04/2009	
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/EP2010/053929	(72) Name of Inventor :
Filing Date	:25/03/2010	1)BEHRENS, TIM
(87) International Publication No	:WO 2010/124914	2)CASTAIGNET, DAMIEN
	A2	3)WESTERGAARD, CARSTEN HEIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wind turbine blade extending in a longitudinal direction from a root end to a tip end and defining an aerodynamic airfoil cross-section between a leading edge and a trailing edge in a chordwise direction transverse to the longitudinal direction, the aerodynamic airfoil cross-section having an effective camber in the chordwise direction; the wind turbine blade comprising:blade body; first device for modifying the aerodynamic surface or shape of the blade, the position and/or movement of the first device relative to the blade body being controlled by a first actuation mechanism; second device for modifying the effective camber of the airfoil cross section; herein, in use, the first device modifies the aerodynamic surface or shape of the blade at a frequency up to a first maximum frequency and the second device modifies the effective camber of the airfoil cross section at a frequency up to a second maximum frequency, the second maximum frequency being higher than the first maximum frequency.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.787/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : PERMANENT MAGNET ELECTRICAL MACHINE WITH BEARING RELEASE SYSTEM AND METHOD FOR BEARING REPLACEMENT

(51) International classification	:H02K 15/00
(31) Priority Document No	:PA 2009 70049
(32) Priority Date	:30/06/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2010/000096
Filing Date	:18/06/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Vestas Wind Systems A/S

Address of Applicant :Hedeager 44 8200 Aarhus N
Denmark

(72)Name of Inventor :

1)STANKE Norbert

(57) Abstract :

A method and apparatus for bearing replacement in an electrical machine is provided. An electrical machine is provided comprising a stator with at least one stator winding the stator defining a centre axis and a rotor comprising magnetic material and having a first end and a second end. The electrical machine further comprises at least one bearing including a first bearing and supporting the rotor in an operational position in relation to the stator allowing the rotor to rotate in relation to the stator about the centre axis and at least one support element including a first support element and adapted to support the rotor in relation to the stator such that the at least one support element in a support position supports the rotor centred about the centre axis.

No. of Pages : 27 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7870/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : TAILORING THE BAND GAP OF SOLAR CELLS MADE OF LIQUID SILANE BY ADDING GERMANIUM

(51) International classification	:H01L 31/18
(31) Priority Document No	:10 2009 002 758.0
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055665
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/125081 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**

1)EVONIK DEGUSSA GMBH

Address of Applicant :RELLINGHAUSR STRASSE 1-11,
45128 ESSEN Germany

(72) **Name of Inventor :**

1)STUTZEL, BRENHARD

2)FAHRNER, WOLFGANG

(57) Abstract :

The present invention relates to a process for reducing or eliminating the band gap shift in the production of photovoltaic systems by means of coating of a substrate with a formulation, the invention being characterized in that the formulation additionally comprises at least one germanium compound comprising a silicon compound, for example in the production of a solar cell, comprising a step in which a substrate is coated with a liquid silane formulation, the invention being characterized in that the formulation additionally comprises at least one germanium compound. The invention also relates to the production process for such a photovoltaic system.

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7872/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : HYDROCRACKING CATALYST

(51) International classification	:C16G47/20	(71) Name of Applicant : 1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. Address of Applicant :CAREL VAN BYLANDTLAAN 30, NL-2596 HR THE HAGUE Netherlands
(31) Priority Document No	:09159007.5	
(32) Priority Date	:29/04/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2010/054934	
Filing Date	:15/04/2010	
(87) International Publication No	:WO 2010/124935	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Process of preparing a hydrocracking catalyst carrier comprising amorphous binder and zeolite Y, which process comprises subjecting zeolite Y having a silica to alumina molar ratio of at least 10 to calcination at a temperature of from 700 to 1000 °C, hydrocracking catalyst carrier comprising amorphous binder and zeolite Y having a silica to alumina molar ratio of at least 10, the infrared spectrum of which catalyst has a peak at 3690 cm⁻¹, substantially reduced peaks at 3630 cm⁻¹ and 3565 cm⁻¹ and no peak at 3600 cm⁻¹, hydrocracking catalyst carrier comprising an amorphous binder and zeolite Y having a silica to alumina molar ratio of at least 10, which catalyst has an acidity as measured by exchange with perdeuterated benzene of at most 20 micro - mole/gram, hydrocracking catalyst derived from such carrier and hydro cracking process with the help of such catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7857/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : A SYSTEM AND METHOD OPERABLE TO ENABLE SHORTEST CONNECTION ROUTE

(51) International classification	:H04W40/02	(71) Name of Applicant : 1)SYNAPSE INTERNATIONAL S.A. Address of Applicant :53, ROUTE D'ARLON, L-8211 MAMER Luxembourg
(31) Priority Document No	:0950212-1	
(32) Priority Date	:01/04/2009	
(33) Name of priority country	:Sweden	
(86) International Application No	:PCT/SE2010/050328	(72) Name of Inventor :
Filing Date	:25/03/2010	1)BERGQVIST, PER
(87) International Publication No	:WO 2010/114463	2)WILLEHADSON, STEFAN
A1		
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system (10) operable to enable shortest connection route for a mobile means (12) of a subscriber, when the mobile means (12) has roamed between a home network (14) comprised in the system (10), and a foreign network (16) comprised in the system (10). When the mobile means (12) requests connection to Internet, a serving means (18) comprised in the foreign network (16) is operable to communicate with, and to receive information regarding the connection route from, a Home Location Register (20) comprised in the home network (14). The serving means (18) is operable to route a packet to a gateway means (22) comprised in the foreign network (16). The gateway means (22) is in turn operable to allocate an IP address for the mobile means (12) and to function as an access point to Internet.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7858/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : CLASS-O LINC TRANSMITTER

(51) International classification	:H04B10/12
(31) Priority Document No	:09305363.5
(32) Priority Date	:28/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/054958
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/124940
	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)ALCATEL LUCENT

Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France

(72)Name of Inventor :

1)WIEGNER, DIRK

2)TEMPL, WOLFGANG

(57) Abstract :

The invention concerns a method for transmission of a data signal from a transmitting device (BS) to a receiving device (RAH1) using a LINC amplifier (LINC1, LINC2) for signal amplification, wherein the data signal is represented by two phase modulated signal components of constant amplitude in a first part of the LINC amplifier (LINC1, LINC2) located in the transmitting device (BS), at least one of the two phase modulated signal components of constant amplitude is transmitted over at least one optical connection (0F1, 0F2, 0F4) from the transmitting device (BS) to the receiving device (RAH1), and the at least one of the two phase modulated signal components of constant amplitude is converted from an optical signal into an electrical signal in at least one opto-electrical converter (OE1, OE2) located in said receiving device (RAH1), a LINC amplifier, a transmitting device, a receiving device, and a communication network therefor.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.786/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : ORGANOMETALLIC TRANSITION METAL COMPOUND CATALYST SYSTEM AND PREPARATION OF POLYOLEFINS

(51) International classification	:C08F 10/00
(31) Priority Document No	:09009670.2
(32) Priority Date	:27/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/004436
Filing Date	:20/07/2010
(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)BASELL POLYOLEFINE GMBH

Address of Applicant :Brühler Strasse 60 50389 Wesseling Germany

(72)Name of Inventor :

1)FANTINEL Fabiana

2)NIFANTEV Ilya

3)MIHAN Shahram

(57) Abstract :

The present invention relates to non-symmetrical organometallic transition metal compounds of the compound of the formula (I) (I) where R8 and R9 are identical or different and each an substituted or unsubstituted organic radical having from 1 to 40 carbon atoms catalyst systems comprising at least one of the organometallic transition metal compounds of the present invention and a process for preparing polyolefins by polymerization or copolymerization of at least one olefin in the presence of one of the catalyst systems of the present invention.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7860/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : DECISION FOR COOPERATION AND FAST CELL SELECTION IN COMP UL (LTE-ADVANCED)

(51) International classification	:H04B7/02
(31) Priority Document No	:09290307.9
(32) Priority Date	:27/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/054957
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/124939
	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)ALCATEL LUCENT

Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France

(72)Name of Inventor :

1)AYDIN, OSMAN

2)KAMINSKI, STEPHEN

(57) Abstract :

The invention provides a method of operating a first base station as a reception station for a wireless uplink communication connection with a wireless appliance, wherein the method comprises: - controlling the wireless uplink communication with the wireless appliance, - receiving a signal from the wireless appliance, - receiving a rest signal from at least one second base station, and - analyzing the rest signal from the at least one second base station for detecting a signal 129 from the wireless appliance that is above a threshold.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7861/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : AXIALLY ADJUSTABLE CONNECTION OF PISTON ROD TO PISTON FOR DRIVE MECHANISM OF A DRUG DELIVERY DEVICE

(51) International classification	:A61M5/315	(71) Name of Applicant : 1)SANOFI-AVENTIS DEUTSCHLAND GMBH Address of Applicant :BRUNINGSTRASSE 50, D-65929 FRANKFURT AM MAIN Germany
(31) Priority Document No	:09005996.5	
(32) Priority Date	:30/04/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2010/055140	
Filing Date	:20/04/2010	
(87) International Publication No	:WO 2010/124961	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Drive mechanism for a drug delivery device The present invention relates a drive mechanism for a drug delivery device as well as to a drug delivery device for dispensing of a dose of a medicinal product, wherein the drive mechanism comprises: a holder (14) for a product-containing cartridge (16), the cartridge (16) having a piston (18) slidably arranged therein in an axial direction, a ton rod (26; 48; 52; 62; 76; 92; 116) to be operably engaged with the cartridge's ton (18) for dispensing of a dose of the medicinal product, - at least one using member (20; 46; 54; 64; 78; 90; 112) slidably arranged in axial direction relative to the piston (18) and/or relative to the piston rod (26; 48; 52; 62; 76; 92; 6) for eliminating axial clearance (34) between the piston (18) and the piston 1 (26; 48; 52; 62; 76; 92; 116), - an interlock means (24; 58; 66; 80; 100) adapted to interact with the adjusting member (20; 46; 54; 64; 78; 90; 112) for mutually locking in position the piston (18) and the piston rod (26; 48; 52; 62; 76; ; 116) irrespective of the relative distance between piston (18) and piston rod >; 48; 52; 62; 76; 92; 116).

No. of Pages : 49 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7877/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : VIDEO ENCODING WITH TEMPORALLY CONSTRAINED SPATIAL DEPENDENCY FOR LOCALIZED DECODING

(51) International classification	:H04N7/26	(71) Name of Applicant :
(31) Priority Document No	:12/436,946	1)QUALCOMM INCORPORATED
(32) Priority Date	:07/05/2009	Address of Applicant :INTERNATIOANL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRVIE, SAN
(86) International Application No	:PCT/US2010/034064	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:07/05/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/129883 A1	1)MING-CHANG TSAI
(61) Patent of Addition to Application Number	:NA	2)CHIA-YUAN TENG
Filing Date	:NA	3)YAN YE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This disclosure describes techniques for region-of-interest (ROI) encoding. In accordance with the techniques described herein, an encoding device may determine a temporal spatial dependency value for a candidate reference video block for inter-coding a current block in a video frame. The encoding device may compare the temporal spatial dependency value to a threshold value and select a coding mode for the current block based on the comparison. A decoding device may receive data defining a ROI as well as the temporal spatial dependency value and decode a video block in the ROI based at least in part on the temporal spatial dependency value. In this manner, the techniques of this disclosure may allow a video content viewer the ability to choose a ROI to watch.

No. of Pages : 57 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7878/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : VEHICLE-MOUNTABLE IMAGING SYSTEMS AND METHODS

(51) International classification	:H04N5/225
(31) Priority Document No	:12/423,194
(32) Priority Date	:14/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030793
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/120707 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)BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.

Address of Applicant :PO BOX 868, NHQ1-719 NASHUA, NH 03061-0868 U.S.A.

(72)Name of Inventor :

**1)DANNY L. PLEMONS
2)DAVID K. BREAKFIELD
3)DAVID MOORE
4)GARY MORRIS
5)CHARLIE PYBUS**

(57) Abstract :

Imaging systems, methods, and vehicles having imaging systems.

No. of Pages : 74 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7879/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MAINTAINING QUALITY OF SERVICE DURING REGULATORY DOMAIN CHANGE

(51) International classification	:H04W28/24
(31) Priority Document No	:61/176,917
(32) Priority Date	:10/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033934
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/132276 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

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

(72)Name of Inventor :

1)JOHN HILLAN

2)ALECSANDER P. EITAN

3)VERED BAR BRACHA

(57) Abstract :

Mechanisms for optimizing the selection of a new legal channel during regulatory domain changes and improving the user experience during changes in the underlying physical link having wide applicability to many wireless communications links are disclosed. Applications comprise cellular networks, WLANs, WPANs. Wireless USB, high speed channels for Bluetooth and other uses of WiMedia as well as a wide range of radio technologies that use a number of time and/or frequency-domain separation techniques to create multiple channels in a given portion of the RF spectrum where there is no global agreement on the use of the RF spectrum. Differences could pertain to permitted frequency ranges, permitted power levels, requirements to detect and/or avoid other radio technologies, indoor/outdoor use requirements, and many others. The disclosed embodiments provide a method for taking advantage of, or at least minimizing the impact of, a change in the channel link which impacts the channel characteristics such as the available bandwidth.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.788/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :03/04/2009

(43) Publication Date : 03/05/2013

(54) Title of the invention : A PROTECTIVE GEAR AND A METHOD OF FABRICATING THEREOF

(51) International classification	:A41D, A42B	(71) Name of Applicant : 1)SANATH REDDY A. Address of Applicant :# 1239, 32 G CROSS, 4TH T BLOCK, JAYANAGAR, BANGALORE - 560041 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)SANATH REDDY A.
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a protective gear with padding for providing protection against impact energy, said gear with padding comprises at least one shell layer having predetermined thickness configured as the outer layer; and plurality of foam layers having predetermined thicknesses and densities molded behind the shell layer; wherein said shell-foam layers combination are configured in such a way that the padding absorb the impact energy and also provides for a method of fabricating protective gear.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.788/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : BALANCED VALVE CARTRIDGE

(51) International classification	:G05D 16/06	(71) Name of Applicant : 1)TESCOM CORPORATION Address of Applicant :12616 Industrial Boulevard Elk River MN 55330 U.S.A.
(31) Priority Document No	:12/496,868	
(32) Priority Date	:02/07/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/034798	(72) Name of Inventor : 1)CLIFFORD Jason David
Filing Date	:13/05/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pressure reducing valve (20) including a balanced valve cartridge (40). The balanced valve cartridge has a retainer (70) including a central bore (75). A valve seat (84) and a valve plug (86) are disposed within the central bore and cooperate to open and close the valve. A cap closes one end of the central bore the cap (78) including a blind bore (80) for receiving a portion of the valve plug. Downstream fluid pressure is transmitted into the blind bore through a hollow portion of the valve plug thus balancing the valve plug within the retainer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7862/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING MESSAGES

(51) International classification	:H04L29/06	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3, AVENUE OCTAVE GREARD, F-
(33) Name of priority country	:NA	75007 PARIS France
(86) International Application No	:PCT/CN2009/000452	(72) Name of Inventor :
Filing Date	:28/04/2009	1)WANG, HE
(87) International Publication No	:WO 2010/124412 A1	2)CHEN, YU
(61) Patent of Addition to Application Number	:NA	3)HU, ZHONGJI
Filing Date	:NA	4)WANG, YONGGANG
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method, a base station, a Multimedia Broadcast Multicast Service (MBMS) Coordination Entity (MCE), and a system for transmitting messages are provided. The method includes the steps of: defining a transmission order for different services in a service area; defining an arranging order of different messages in the same Transport Block (TB); generating and transmitting first messages carrying the transmission order for different services and the arranging order of different messages so as to synchronize contents of the first messages and the TBs thereof. According to the above technical solutions, the content synchronization of the MCCH RRC messages and the TBs thereof may be achieved.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7885/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR OBTAINING CELLULOSE FROM BIOMASS COMPRISING LIGNOCELLULOSE

(51) International classification	:D21C 3/20	(71)Name of Applicant :
(31) Priority Document No	:10 2009 017 051.0	1)ZYLUM BETEILIGUNGSGESELLSCHAFT MBH & CO PATENTE II KG
(32) Priority Date	:09/04/2009	Address of Applicant :Berliner Str. 1 12529 Schnefeld / OT Waltersdorf Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/001179	1)PATT Rudolf
Filing Date	:25/02/2010	2)KREIPL Andreas
(87) 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 method for obtaining cellulose by separating lignin from a biomass comprising lignocellulose in the form of plants or plant parts wherein the biomass comprising lignocellulose is solubilized in a boiler in an alkaline medium comprising alkanol amine and dissolved lignin is separated from the resulting raw cellulose. Said method is particularly advantageous for obtaining cellulose from annual plants particularly wheat straw. The method is improved in that the solubilization takes place in presence of a catalyst particularly of anthracchinon. An advantageous bleaching process may be performed subsequently. Said method is characterized by great economic efficiency particularly due to the high reclamation rates of the alkanol amine used and leads to lower environmental impact in wastewater and to reduced disposal costs. The design of the method leads to a greater yield of cellulose and largely prevents degradation of alkanol amine particularly monoethanol amine (MEA).

No. of Pages : 49 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7886/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : DOWNLINK INTER-CELL INTERFERENCE COORDINATION METHOD AND ENB

(51) International classification	:H04W 16/02	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Huawei Technologies Co. Ltd.
(32) Priority Date	:NA	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:NA	Bantian Longgang District Shenzhen Guangdong 518129 P.R.
(86) International Application No	:PCT/CN2009/071341	China.
Filing Date	:17/04/2009	(72) Name of Inventor :
(87) International Publication No	: NA	1)HE Yuan
(61) Patent of Addition to Application Number	:NA	2)XIAO Dengkun
Filing Date	:NA	3)HUANG Jian
(62) Divisional to Application Number	:NA	4)YAO Chunfeng
Filing Date	:NA	5)WANG Yaojun

(57) Abstract :

Embodiments of the present invention disclose a downlink InterCell Interference Coordination (ICIC) method and relate to the wireless communication field. The method includes: obtaining information about multiple carriers in a current cell; obtaining according to the inlbrmation about the multiple carriers a downlink ICIC parameter corresponding to each carrier of the multiple carriers; and sending the downlink ICIC parameter corresponding to each carrier to a neighboring cell of the current cell so as to enable the neighboring cell to perform according to the downlink ICIC parameter downlink interfcrenc coordination with the first cell. The embodiments of the present invention are applicable to downlink ICIC in a multi-carrier system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7887/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHODS AND APPARATUS TO USE WINDOW ALIGNMENT INFORMATION TO PROCESS ACKNOWLEDGMENT INFORMATION ASSOCIATED WITH TRANSMITTED DATA BLOCKS

(51) International classification	:H04L 1/16	(71) Name of Applicant : 1)Research In Motion Limited Address of Applicant :295 Phillip Street Waterloo Ontario N2L 3W8 Canada.
(31) Priority Document No	:61/171,335	
(32) Priority Date	:21/04/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/CA2010/000560	(72) Name of Inventor : 1)HOLE David Philip 2)CONWAY Dennis
Filing Date	:21/04/2010	
(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	

(57) Abstract :

Methods and apparatus to use window alignment information to process acknowledgment information associated with transmitted data blocks are disclosed. An example method disclosed herein comprises receiving acknowledgment information (190 5 185) piggy-backed with data (175 150) when a first previously transmitted block is associated with at least one of a tentative acknowledgment state or a pending acknowledgment state and advancing a transmit window (205 305) when the acknowledgment information (190 185) indicates that all previously transmitted data blocks including the first previously transmitted block have been positively acknowledged.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.7880/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : VIDEO ENCODING WITH TEMPORALLY CONSTRAINED SPATIAL DEPENDENCY

(51) International classification	:H04N7/26	(71) Name of Applicant :
(31) Priority Document No	:12/436,953	1)QUALCOMM INCORPORATED
(32) Priority Date	:07/05/2009	Address of Applicant :INTERNATIONL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/034052	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:07/05/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/129876 A1	1)MING-GHANG TSAI
(61) Patent of Addition to Application Number	:NA	2)CHIA-YUAN TENG
Filing Date	:NA	3)YAN YE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This disclosure describes techniques for region-of-interest (ROI) encoding. In accordance with the techniques described herein, an encoding device may determine a temporal spatial dependency value for a candidate reference video block for inter-coding a current block in a video frame. The encoding device may compare the temporal spatial dependency value to a threshold value and select a coding mode for the current block based on the comparison. A decoding device may receive data defining a ROI as well as the temporal spatial dependency value and decode a video block in the ROI based at least in part on the temporal spatial dependency value. In this manner, the techniques of this disclosure may allow a video content viewer the ability to choose a ROI to watch.

No. of Pages : 57 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7881/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : TRANSMISSION AND RECEPTION OF A REFERENCE SIGNAL SUPPORTING POSITIONING IN A WIRELESS COMMUNICATION NETWORK

(51) International classification	:H04L1/00
(31) Priority Document No	:61/176,695
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034068
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/129885 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

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

(72)Name of Inventor :

1)RAJA SEKHAR BACHU

2)ASHWIN SAMPATH

(57) Abstract :

Techniques for transmitting and receiving a reference signal in a wireless network are described. In one design, a UE may generate multiple transmissions of a reference signal at multiple frequency locations. The UE may send the transmissions of the reference signal in multiple symbol periods of at least one subframe. The UE may send at least two transmissions of the reference signal in each subframe, e.g., one transmission of the reference signal in each symbol period of a subframe. Each transmission of the reference signal may cover a portion of the bandwidth of the reference signal and may be sent on a set of contiguous subcarriers at a particular frequency location. The multiple transmissions of the reference signal may cover the entire bandwidth of the reference signal. A location estimate for the UE may be determined based on time of arrivals (TOAs) of the reference signal measured by multiple receiver stations.

No. of Pages : 36 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7882/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND EVOLVED NODE BASE-STATION FOR AVOIDING OCCURRENCE OF HANDOFF BETWEEN ADJACENT CELL

(51) International classification	:H04W 36/00
(31) Priority Document No	:200910167308.4
(32) Priority Date	:13/08/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/071921
Filing Date	:20/04/2010
(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)ZTE CORPORATION

Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China.

(72)Name of Inventor :

1)Jing LIU

(57) Abstract :

A method and an Evolved Node Base-station (eNB) for avoiding an occurrence of a ping-pong handover between adjacent cells are provided. The eNB comprises: a statistics module a storage module a judging module and a parameter adjusting module. The method includes: during a statistics period eNBs serving two adjacent cells involved in a ping-pong handover making a statistics on times of the serving cell of the eNB being used as a source cell and a target cell in a second handover in a process of each ping-pong handover occurring between the two adjacent cells respectively; upon the end of the statistics period if the eNB determines that the times of the serving cell of the eNB being used as the source cell in the second handover is greater than the times of as the target cell the eNB increasing a value of a handover control parameter of this serving cell.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2011

(21) Application No.7883/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SCHEDULING METHOD AND DEVICE FOR HIGH-SPEED PACKET ACCESS SYSTEM

(51) International classification	:H04W 28/06
(31) Priority Document No	:200910150681.9
(32) Priority Date	:29/06/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073669
Filing Date	:08/06/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ZTE CORPORATION

Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China.

(72)Name of Inventor :

1)Ruifeng LI

(57) Abstract :

A method and device for scheduling a high-speed packet access system are disclosed which belongs to the field of the evolved high-speed packet access (HSPA+). The method comprises: after a base station determines priority queues of user equipments (UE) to be scheduled in a cell the base station respectively selecting a high-speed shared control channel (HSSCCH) code channel for each UE and updating the number of high-speed downlink shared channels (HSDSCHs) currently available in the cell; and the base station respectively selecting transport block size a HSDSCH code channel power the number of the HSDSCH code channels and a HSDSCH initial code channel number for each UE. The present invention achieves relatively ideal HSPA+ throughput.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.7888/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHODS AND APPARATUS TO PRIORITIZE MOBILE STATION TRANSMISSIONS IN RESPONSE TO NETWORK ACKNOWLEDGMENT POLLING

(51) International classification	:H04W 28/12	(71) Name of Applicant : 1)Research In Motion Limited Address of Applicant :295 Phillip Street Waterloo Ontario N2L 3W8 Canada.
(31) Priority Document No	:61/171,323	
(32) Priority Date	:21/04/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/CA2010/000597	(72) Name of Inventor : 1)HOLE David Philip 2)VENKOB Satish
Filing Date	:20/04/2010	
(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	

(57) Abstract :

Methods and apparatus to prioritize mobile station transmissions in response to network acknowledgment polling are disclosed. An example method in a mobile station (105) disclosed herein comprises receiving a request (206) for acknowledgment information 5 expected to be transmitted with data and transmitting a control message (214) in response to the request (206) if a previously transmitted data block is associated with a tentative acknowledgment state the control message including acknowledgment information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7889/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR SENDING AND DETECTING DOWNLINK CONTROL INFORMATION

(51) International classification	:H04W 48/12
(31) Priority Document No	:200910136229.7
(32) Priority Date	:29/04/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072262
Filing Date	:27/04/2010
(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)ZTE CORPORATION

Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan District Shenzhen Guangdong 518057 China.

(72)Name of Inventor :

1)Weijun LI

2)Bo DAI

3)Guanghui YU

4)Yijian CHEN

(57) Abstract :

A method for sending and detecting downlink control information is provided. A base station carries the downlink control information in a physical downlink control channel and sends said physical downlink control channel through component carriers. Said base station bears first type downlink control information on an anchor component carrier and bears third type downlink control information on a prime component carrier wherein said first type downlink control information bears one or more types of uplink scheduling information downlink scheduling information and uplink power control information of the component carrier of said first type downlink control information...

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.789/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : HYBRID AUTOMATIC REPEAT REQUEST OPERATION AND DECODING STATUS SIGNALING FOR UPLINK MULTIPLE-INPUT MULTIPLE-OUTPUT

(51) International classification	: H04L 1/18	(71) Name of Applicant : 1)QUALCOMM Incorporated Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 U.S.A.
(31) Priority Document No	:61/230,084	
(32) Priority Date	:30/07/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/043845	
Filing Date	:30/07/2010	
(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	

(57) Abstract :

Systems and methodologies are described that facilitate conveying decoding statuses in a wireless communication environment. A UE can transmit a plurality of codewords as part of an uplink multiple-input multiple-output (MIMO) transmission to a base station. The base station can receive and attempt to decode the plurality of codewords. Further decoding statuses for the plurality of codewords can be determined. Moreover the decoding statuses for the plurality of codewords can be signaled to the UE. For example the decoding statuses for the plurality of codewords can be conveyed via a single PHICH. According to another example multiple PHICHs can convey the decoding statuses. Pursuant to a further example the decoding statuses can be conveyed at least in part via a PDCCH.

No. of Pages : 56 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7890/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : REACTOR

(51) International classification	:H01F 37/00	(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
(31) Priority Document No	:2009-112675	
(32) Priority Date	:07/05/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/057656	
Filing Date	:30/04/2010	
(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	

(57) Abstract :

A reactor that is fabricated with high productivity is provided. The reactor 1 includes an annular magnetic core 11, a coil molded product 12A, and an external resin portion 13. The coil molded product 12A is disposed around an outer periphery of the magnetic core 11, the external resin portion 13 covers an outer periphery of an assembly 10 of the magnetic core 11 and the coil molded product 12A. The magnetic core 2 includes a plurality of core pieces that are combined so as to form an annular shape. The magnetic core 2 is fixed in the annular shape using the external resin portion 13 that covers the magnetic core without use of adhesive. The coil molded product 12A includes a coil 12 formed of a helically wound wire 12w and an internal resin portion 12c that maintains the coil 12 in a compressed state. Since the magnetic core 11 is formed without adhesive, a bonding step is not required. Due to use of the coil molded product 12A, the coil 12 needs not be compressed while forming the reactor 1. Thus, the reactor 1 is fabricated with high productivity.

No. of Pages : 32 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7884/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : CASCADE VOLTAGE AMPLIFIER AND METHOD OF ACTIVATING CASCADED ELECTRON TUBES

(51) International classification	:H01J 35/00
(31) Priority Document No	:12/467,974
(32) Priority Date	:18/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/064619
Filing Date	:16/11/2009
(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)Advanced Fusion Systems LLC

Address of Applicant :11 Edmond Road Newtown CT
06470 U.S.A.

(72)Name of Inventor :

1)BIRNBACH Curtis A.

(57) Abstract :

Disclosed is a cascade voltage amplifier for producing an amplified output in pulse or continuous wave form comprises at least one non-final stage with an electron tube configured as a switching and Class A or C amplifying structure. A final stage comprises an electron tube configured as a Class A or C amplifying structure. The at least one non-final stage and the final stage are connected in series and the amplified output has a voltage of at least 1000 volts. Further disclosed is a method of activating a plurality of cascaded electron tube stages within a common vacuum enclosure. Beneficially a sufficient amount of energy supplied to the first stage serially propagates through any intervening stage to the final stage so as to facilitate activation of all tube stages.

No. of Pages : 28 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.79/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : AGRICULTURAL OR HORTICULTURAL FUNGICIDE COMPOSITION AND ITS USE FOR CONTROLLING PLANT PATHOGENS

(51) International classification	:A01N43/50
(31) Priority Document No	:2009-160257
(32) Priority Date	:06/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/061736
Filing Date	:06/07/2010
(87) International Publication No	:WO 2011/004901 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 :3-15, EDOBORI 1-CHOME, NISHIKU, OSAKA-SHI, OSAKA 550-0002 Japan

(72)Name of Inventor :

1)SUGIMOTO, KOJI

(57) Abstract :

The present invention provides a composition in which a fungicidal effect against a cultivated crop infected by a plant pathogen is stable and highly active. An excellent agricultural or horticultural fungicide composition for controlling a plant pathogen is provided by using (a) at least one imidazole compound represented by formula (I): wherein R represents a Cl-6 alkyl group or a C1-6 alkoxy group; and n represents an integer of 1 to 5 and (b) folpet as active ingredients; by combination as compared to a single use of each compound, and a plant pathogen is thereby controlled.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.790/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : LOW NOISE BATTERY

(51) International classification	:H01M 2/26
(31) Priority Document No	:61/228,323
(32) Priority Date	:24/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2009/001598
Filing Date	:04/11/2009
(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)Research In Motion Limited

Address of Applicant :295 Phillip Street Waterloo Ontario N2L 3W8 Canada.

(72)Name of Inventor :

1)SCHYNDEL Andre John Van

(57) Abstract :

An illustrative embodiment provides an apparatus (202) comprising a positive electrode (206) a negative electrode (208) a separator (210) a first conductor (212) and a second conductor (216). The positive electrode (206) and the negative electrode (208) are separated by the separator (210). The first conductor (212) is configured to transmit a first electrical current (214) from the positive electrode (206). Also the second conductor (216) is configured to transmit a second electrical current (218) from the negative electrode (208). A direction (220) of the first electrical current (214) transmitted through the first conductor (212) is substantially opposite to a direction (222) of the second electrical current (218) transmitted....

No. of Pages : 47 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.7900/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : TERMINAL APPARATUS

(51) International classification	:H04M1/00
(31) Priority Document No	:2009-109812
(32) Priority Date	:28/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/054113
Filing Date	:11/03/2010
(87) International Publication No	:WO 2010/125860
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHARP KABUSHIKI KAISHA

Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan

(72)Name of Inventor :

1)MASHIKO, RYUTARO

(57) Abstract :

Provided is a terminal apparatus that is able to, when outputting an image and letting it display on an external display apparatus, keep on displaying the same image on the external display apparatus, even when operations are executed that will display an image you do not want to show to the current viewers of the external display apparatus, due to receiving phone calls or e-mails. The terminal apparatus (indicated by an example: mobile terminal apparatus (1)) is enabled to output screens to the external display apparatus (indicated by an example: TV 4) . The mobile terminal apparatus (1) is provided with a displaying portion (14) , and a different-output control portion (indicated by an example: output-destination determining/control portion (21)) . When the output-destination determining/control portion (21) detects operation signal of the main body of the mobile terminal apparatus (1), caused by an operation input portion (17) or the like, while displaying the image of the mobile terminal apparatus on TV 4, it continues the display of the image on TV 4 and executes different-output control to display on the displaying portion (14) another image that is different from the image.

No. of Pages : 66 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7891/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHODS AND APPARATUS FOR SUPPORTING COMMUNICATION OVER DIFFERENT RANGES IN A WIRELESS NETWORK

(51) International classification	:H04W92/18	(71)Name of Applicant :
(31) Priority Document No	:12/465,938	1)QUALCOMM INCORPORATED
(32) Priority Date	:14/05/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/034878	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:14/05/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2010/132754 A2	1)RAJIV LAROIA
(61) Patent of Addition to Application Number	:NA	2)JUNYI LI
Filing Date	:NA	3)SAURABH TAVILDAR
(62) Divisional to Application Number	:NA	4)XINZHOU WU
Filing Date	:NA	5)ALEKSANDAR JOVICIC

(57) Abstract :

Methods and apparatus well suited for supporting communications over different ranges in, for example, a peer to peer wireless communications system, are described. In the peer to peer network at least some of the types of signals, e.g., peer discovery signals and/or paging signals, are transmitted with no closed loop power control. An exemplary peer to peer timing structure includes air link resources allocated for a particular type of signaling in which the resources are segmented into multiple blocks which do not overlap in time, different ones of the multiple blocks being associated with different ranges. The characteristics of the basic transmission units of the multiple blocks based on range are different, e.g., tone size and symbol width are different. A wireless communications device implements the peer to peer timing structure and uses resources from different range based blocks at different times. Data traffic transmission units may be the same regardless of the range.

No. of Pages : 50 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.7892/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM

(51) International classification	:H04W88/08	(71) Name of Applicant : 1)MITSUBISHI ELECTRIC CORPORATION Address of Applicant :7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8310 Japan
(31) Priority Document No	:2009-109310	
(32) Priority Date	:28/04/2009	
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/002861	1)MAEDA, MIHO
Filing Date	:21/04/2010	2)MOCHIZUKI, MITSURU
(87) International Publication No	:WO 2010/125769	3)SAEGUSA, TAIGA
	A1	4)IWANE, YASUSHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A base station which uses either one of a plurality of component carriers individually or uses an aggregate carrier which is an aggregate of the above-mentioned plurality of component carriers to carry out radio communications with a mobile terminal corresponding to the above-mentioned component carrier and also carry out radio communications with a mobile terminal corresponding to the above-mentioned aggregate carrier is provided. The base station notifies a bandwidth of an aggregate carrier which is an aggregate of all of the above-mentioned component carriers, as a bandwidth which the above-mentioned base station uses, to the mobile terminal corresponding to the above-mentioned aggregate carrier. As a result, while an improvement in the transmission rate is provided according to the aggregate carrier, the base station can also support an operation of a mobile terminal corresponding to a component carrier.

No. of Pages : 227 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.7893/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM

(51) International classification	:H04W88/12	(71) Name of Applicant : 1)MITSUBISHI ELECTRIC CORPORATION Address of Applicant :7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8310 Japan
(31) Priority Document No	:2009-109312	
(32) Priority Date	:28/04/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/002020	
Filing Date	:23/03/2010	
(87) International Publication No	:WO 2010/125738	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a mobile communication system having a coordinated communication mode in which radio communication is performed between a user equipment and a plurality of base stations in a coordinated manner and an uncoordinated communication mode in which radio communication is performed between a user equipment and a base station without coordinating with another base station, in which radio communication is performed by selectively using any of the coordinated communication mode and the uncoordinated communication mode. The coordinated communication in which radio communication is performed between a user equipment and a plurality of base stations in a coordinated manner and the uncoordinated communication in which radio communication is performed between a user equipment and a base station without coordinating with another base station are selectively used in an appropriate manner, with the result that a mobile communication system capable of exerting its performance in accordance with a situation can be provided.

No. of Pages : 127 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.791/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND DEVICE FOR CREATION OF INTEGRATED USER INTERFACE

(51) International classification	:G06F3/048	(71) Name of Applicant :
(31) Priority Document No	:10-2009-0070329	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:31/07/2009	Address of Applicant :416 Maetan-dong Yeongtong-gu
(33) Name of priority country	:Republic of Korea	Suwon-si Gyeonggi-do Republic of Korea
(86) International Application No	:PCT/KR2010/005045	(72) Name of Inventor :
Filing Date	:30/07/2010	1)Kyung Mo PARK
(87) International Publication No	: NA	2)Seo Young HWANG
(61) Patent of Addition to Application Number	:NA	3)Jae Yeon SONG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and device for creating an integrated User Interface (UI) by combining individual application UIs. The device receives application UIs from individual UI providing devices combines the application UIs into the integrated UI and displays the integrated UI. When an application UI is selected from the integrated UI the device sends a function invocation signal to a corresponding device in order to perform the particular function corresponding to the selected application UI.

No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7903/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : COMPOSITE MATERIAL COMPRISING TWO OR MORE SUPERIMPOSED LAYERS OF WOOD

(51) International classification	:B32B7/12
(31) Priority Document No	:09159159.4
(32) Priority Date	:30/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/055505
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/125013
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)**BASF SE**

Address of Applicant :67056, LUDWIGSHAFEN Germany

(72)Name of Inventor :

1)**GENZ, MANFRED**

2)**SCHMIDT, HANS, ULRICH**

3)**ULLMANN, STEFAN**

4)**PROZESKE, TIMO**

5)**MEYER, STEFAN**

(57) Abstract :

The invention relates to a composite material having two or more superimposed wood layers. Said layers are joined together by means of one component polyurethane adhesive containing a prepolymer having free NCO groups and a wood having a volume fraction of libriform fibres in the region of between 50 - 70 % is used.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7906/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : MOBILE COMMUNICATION METHOD, BASE STATION AND SYSTEM EMPLOYING HIERARCHICAL VIRTUAL ANTENNA ARCHITECTURE

(51) International classification	:H04W80/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3, AVENUE OCTAVE GREARD, F-
(33) Name of priority country	:NA	75007 PARIS France
(86) International Application No	:PCT/CN2009/071532	(72) Name of Inventor :
Filing Date	:28/04/2009	1)LI, DONG
(87) International Publication No	:WO 2010/124454 A1	2)CAI, LIYU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mobile communication method, a base station and a mobile communication system employing a hierarchical virtual antenna architecture are disclosed. The method comprises steps of: negotiating, by a first base station, with a second base station about a transmission mode with a mobile station; and according to the negotiated transmission mode, negotiating, by the first base station, with the second base station about respective demodulation reference signal frequency pattern allocation and measurement reference signal frequency pattern allocation in the hierarchical virtual antenna architecture. The flexible and effective reference signals may be realized in various multi-cell Multiple-Input Multiple-Output (MIMO) operation modes by the method.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.792/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : ACCESS PROCEDURE FOR CALL RE-ESTABLISHMENT

(51) International classification	:H04W 36/30	(71) Name of Applicant : 1)Research In Motion Limited Address of Applicant :295 Phillip Street Waterloo Ontario N2L 3W8 Canada.
(31) Priority Document No	:12/549,870	
(32) Priority Date	:28/08/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/IB2010/002094	(72) Name of Inventor :
Filing Date	:26/08/2010	1)ARORA Dinesh Kumar
(87) International Publication No	: NA	2)SNOW Christopher Harris
(61) Patent of Addition to Application Number	:NA	3)ABDEL-SAMAD Ayman
Filing Date	:NA	4)ALMALKI Nazih
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An access procedure for call re-establishment is provided. In a first method a mobile station in at least some instances of detecting radio link failure attempts call re-establishment on multiple cells concurrently. In a second method a mobile station performs a first random access channel procedure when the mobile station is not aware of at least two cells with enabled call reestablishment and performs a second random access channel procedure when the mobile station is aware of at least two cells with enabled call re-establishment.

No. of Pages : 28 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7922/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : COMPOSITE MATERIAL COMPRISING TWO OR MORE SUPERIMPOSED LAYERS OF A WOOD-LIKE MATERIAL

(51) International classification	:B32B7/12
(31) Priority Document No	:09159158.6
(32) Priority Date	:30/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/055584
Filing Date	:27/04/2010
(87) International Publication No	:WO 2010/125038
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056, LUDWIGSHAFEN Germany

(72)Name of Inventor :

1)GENZ, MANFRED

2)SCHMIDT, HANS, ULRICH

3)PROZESKE, TIMO

4)MEYER, STEFAN

5)RODEL, HARALD

6)STRUBEL, NORBERT

7)GORTZ, JOHANN

8)LOWER, FRANK

9)KOCH, KARL-HEINZ

10)KUSCH, HASAN

(57) Abstract :

The invention relates to a composite material comprising two or more superimposed layers of a wood-like material. Said layers are joined together by means of a one-component polyurethane adhesive containing a prepolymer with free NCO groups and the wood like material is a monocotyledon.

No. of Pages : 28 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/03/2011

(21) Application No.793/CHE/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MAINTAINING VECTOR CLOCKS DURING SYNCHRONIZATION OF THREADS FOR DYNAMIC DATA RACE DETECTION

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG INDIA SOFTWARE OPERATIONS
(32) Priority Date	:NA	PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No.
(86) International Application No	:NA	66/1 Bagmane Tech Park C V Raman Nagar Byrasandra
Filing Date	:NA	Bangalore 560093 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NAGPAL RAHUL
Filing Date	:NA	2)KOLIPAKA PARIKSHIT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method and system for maintaining vector clocks during synchronization for data race detection. Embodiments herein disclose methods to reduce overheads of maintaining and updating vector clock during synchronization in vector based dynamic data race detection systems. Embodiments herein enable improvement of vector based dynamic data race detection systems orthogonally without compromising with precision of the system by using opportunistic methods to reduce overheads during synchronization of threads.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.793/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ACQUISITION OF NEIGHBOUR CELL INFORMATION

(51) International classification	:H04W 40/24
(31) Priority Document No	:12/549,849
(32) Priority Date	:28/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/002081
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

(71)**Name of Applicant :**

1)Research In Motion Limited

Address of Applicant :295 Phillip Street Waterloo Ontario N2L 3W8 Canada.

(72)**Name of Inventor :**

1)ARORA Dinesh Kumar

2)SNOW Christopher Harris

3)ABDEL-SAMAD Ayman

4)ALMALKI Nazih

(57) Abstract :

A system and method for acquisition of neighbour cell information are provided. A serving cell receives a request for neighbour cell system information and in response to the request the serving cell transmits neighbour cell system information.

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7910/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : USE OF A COMPOSITE MATERIAL BASED ON A ONE COMPONENT POLYURETHANE ADHESIVE

(51) International classification	:B32B7/12
(31) Priority Document No	:09159168.5
(32) Priority Date	:30/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/055503
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/125012
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056, LUDWIGSHAFEN Germany

(72)Name of Inventor :

1)GENZ, MANFRED

2)SCHMIDT, HANS, ULRICH

3)PROZESKE, TIMO

4)MEYER, STEFAN

5)RODEL, HARALD

6)STRUBEL, NORBERT

7)GORTZ, JOHANN

8)LOWER, FRANK

9)KOCH, KARL-HEINZ

10)KUSCU, HASAN

(57) Abstract :

The invention relates to the use of a composite material having two or more superimposed layers of wood as a support element in structural engineering, nautical, vehicle and aircraft constructions, energy production systems, mining or in the production of furniture. The wood layers are joined together by means of a one component polyurethane adhesive containing a prepolymer with free NCO groups and the wood has a structure having a volume fraction of libriform fibres of between 50 % - 70 %.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7916/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : ATTACHMENT STRUCTURE OF OXYGEN CONCENTRATION SENSOR

(51) International classification	:F02D35/00
(31) Priority Document No	:2009-084421
(32) Priority Date	:31/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/054802
Filing Date	:19/03/2010
(87) International Publication No	:WO 2010/113677
	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)KEIHIN CORPORATION

Address of Applicant :26-2, NISHI-SHINJUKU 1-CHOME,
SHINJUKU-KU, TOKYO 163-0539 Japan

(72)Name of Inventor :

1)ISHIKAWA, SHINICHI

2)AKIMOTO, YUTAKA

(57) Abstract :

In a structure of attaching an oxygen concentration sensor (62) to an exhaust pipe (56) of an internal combustion engine (32) installed in a vehicle (10), the pipe (56) extending from an exhaust port (54) of a cylinder (34) in a direction away from the cylinder (34) and after being bent, extending toward rear of the vehicle (10), wherein the oxygen concentration sensor (62) is to be attached on an upper portion of the exhaust pipe (56) at a position surrounded by the cylinder (34) and the exhaust pipe (56). With this, it becomes possible to prevent the sensor (62) from being damaged by bounced and hit stones and splashed water with the simple structure, while it makes the maintenance work easy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7917/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : TRANSMITTER WITH MULTIPLE ANTENNAS AND DATA TRANSMISSION METHOD IN THE TRANSMITTER WITH MULTIPLE ANTENNAS

(51) International classification	:H04L27/26	(71) Name of Applicant : 1)ALCATEL LUCENT Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/CN2009/000458	(72) Name of Inventor :
Filing Date	:28/04/2009	1)MENG, YAN
(87) International Publication No	:WO 2010/124414 A1	2)YOU, MINGLI
(61) Patent of Addition to Application Number	:NA	3)LIU, JIN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to one aspect of the present invention, a multi-antenna transmitter is provided. The transmitter includes: a data block acquiring device for acquiring multiple data streams, wherein each data stream includes data blocks at multiple slots; and a grouping and mapping device for grouping and mapping each data block, wherein the data blocks at the same slot in each data stream are grouped according to the number of the antennas and each group is mapped to one of the antennas respectively, and the different data blocks in the same group are mapped to different sub-bands respectively; and wherein grouping and mapping manners which are not exactly the same are adopted for the data blocks at different slots, and the grouping and mapping manners include data block grouping manners, group-to-antenna mapping manners, and sub-band mapping manners. And the groups of data blocks at the multiple slots are transmitted via the antennas. With the technical solutions of the present invention, a reduced PAPR during data transmission can be achieved while the diversity gain is guaranteed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.795/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : A METHOD AN APPARATUS AND A COMPUTER PROGRAM PRODUCT FOR REDUCING THE NEED OF USER PROMPTS

(51) International classification	:G06F 9/44	(71) Name of Applicant : 1)NOKIA CORPORATION Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/FI2009/050571	(72) Name of Inventor :
Filing Date	:25/06/2009	1)Andreas Heiner
(87) International Publication No	: NA	2)Nadarajah Asokan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Attached

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7950/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM WIRELESS COMMUNICATION DEVICE AND WIRELESS COMMUNICATION METHOD

(51) International classification	:H04J11/00	(71) Name of Applicant :
(31) Priority Document No	:2009-106251	1)SHARP KABUSHIKI KAISHA
(32) Priority Date	:24/04/2009	Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/002978	1)SHIMEZAWA, KAZUYUKI
Filing Date	:26/04/2010	2)NOGAMI, TOSHIZO
(87) International Publication No	:WO 2010/122818	3)YAMADA, SHOHEI
A1		
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wireless communication system includes a first channel state measurer and a second channel state measurer. When a second communication device measures a state of a channel between the second communication device and a first communication device using reference signals transmitted from the first communication device, the first channel measurer is configured to measure a state of the channel including an interference due to a signal transmitted from another first communication device. When measuring the state of the channel between the second communication device and the first communication device using the reference signals transmitted from the first communication device, the second channel state measurer measures the state of the channel while suppressing the interference due to the signal transmitted from the another first communication device. Accordingly, the wireless communication system can generate adequate feedback information both when cooperative communication is performed and when cooperative communication is not performed.

No. of Pages : 99 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7934/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD&NBSP; SYSTEM AND NETWORK DEVICE FOR IMPLEMENTING LOCAL IP ACCESS

(51) International classification	:H04L 12/56	(71) Name of Applicant : 1)Huawei Technologies Co. Ltd. Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 P.R. China.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/CN2009/071399	
Filing Date	:22/04/2009	
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)LIU Xiaohan
Filing Date	:NA	2)CHEN Jing
(62) Divisional to Application Number	:NA	3)LIU Hai
Filing Date	:NA	

(57) Abstract :

A method for implementing local internet Protocol (IP) access includes: obtaining User Equipment (UE)s first information that is used for implementing local IP access; and implementing local IP access of the UE according to the first information. A system for 5 implementing local IP access is disclosed by the present invention. The system can communicate with UE and includes: a NodeB configured to obtain UEs first information that is used for implementing local 11 access and implement local 11 access of the UE according to the first information; and a core network node configured to assist the NodeB in obtaining the UETMs first information that is used for implementing local IP access. Besides relevant network devices are also disclosed.

No. of Pages : 40 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/10/2011

(21) Application No.7935/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : P SITIONING REFERENCE SIGNALS

(51) International classification	:H04L 27/26	(71) Name of Applicant : 1)Huawei Technologies Co. Ltd. Address of Applicant :Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 P.R. China.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/CN2009/071507	
Filing Date	:27/04/2009	(72) Name of Inventor : 1)POPOVIC Branislav 2)BERGGREN Fredrik
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved generation and use of Positioning Reference Signals (PRS) are disclosed. The method generates PRS to be used in a wireless Orthogonal Frequency Division Multiplexing (OFDM) communication system. According to the invention the method includes the steps of: determining a time-frequency pattern of Resource Elements (REs) to be used for transmitting the PRS wherein the time-frequency pattern includes at least two OFDM symbols and assigning for each one of the at least two OFDM symbols respectively a value to each one of a number of the REs being within that OFDM symbol wherein the values being assigned to the number of REs correspond to elements in a modulation sequence having a length being equal to the number of REs and are to be used for modulating OFDM subcarriers corresponding to the REs within that OFDM symbol.

No. of Pages : 41 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7936/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : APPARATUS AND METHOD FOR INCREASING RELIABILITY OF SERVING CELL CHANGE

(51) International classification	:H04W 36/08
(31) Priority Document No	:61/174,705
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033323
Filing Date	:02/05/2010
(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)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)ERAVELLI Srinivasa R.

2)LIN Yun

3)CAI Hailiang

(57) Abstract :

Methods and apparatus are described herein to manage a serving cell change. A HS-SCCH monitored set is maintained to store entries for all pending serving cell change requests. The HS-SCCH for each entry is monitored for a timer period. Once a change request has been confirmed for one entry monitoring for the other entries continues until expiration of the associated timers.

No. of Pages : 36 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7937/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DATA SESSION SUSPEND CONTROL IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W 36/14
(31) Priority Document No	:61/176,795
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034136
Filing Date	:07/05/2010
(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)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
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(72)Name of Inventor :

1)SHIROTA Masakazu

2)SHAHIDI Reza

3)KLINGENBRUNN Thomas

(57) Abstract :

Systems and methodologies are described herein that facilitate data session suspend control in a multi-radio wireless communication system based on user equipment capability. As described herein various techniques are provided herein whereby a wireless communication network with which a user device communicates can suspend a data session and/or other communication session associated with the user device upon identifying that the user device has moved to a disparate communication network based on the transmitter receiver capabilities of the user device. In one example herein a mobility management entity and/or other network management entity can determine whether to perform suspend control based on an event notification from another network based on user capability. In another example herein a network to which a user device moves can determine whether to send an event notification to another network associated with the user device based on capabilities of the user device.

No. of Pages : 64 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7952/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD OF MANUFACTURING SUBSTANCES BY SUPERCRITICAL FLUID CHROMATOGRAPHY

(51) International classification	:G01N 30/34
(31) Priority Document No	:2009-090398
(32) Priority Date	:02/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/068544
Filing Date	:22/10/2009
(87) International Publication No	:WO 2010/005122
	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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Address of Applicant :MAINICHI INTECIO., 4-5, UMEDA 3, CHOME, KITA-KU, OSAKA-SHI, OSAKA 53-0001 Japan

(72)Name of Inventor :

1)MIYAZAWA, KENICHIRO

2)ISHIGURO, TAKESHI

(57) Abstract :

Provided is a method of manufacturing target substances with use of supercritical fluid chromatography, by which the following are achieved: solution of a problem at the time of sequential injections of samples containing the target substances; an increase of a treatment amount of separation per unit time; and improvement of efficiency in separation. The method includes the steps of: injecting the sample containing the target substances into a mobile phase; and returning composition of the mobile phase to a pre-change state after changing the composition of the mobile phase. The step of returning the composition of the mobile phase to the pre-change state after changing the composition of the mobile phase is performed during a period of time from detection of a peak of one of the target substances which is eluted latest from a column among the target substances separated by the supercritical fluid chromatography apparatus to injection of the next sample, whereby the problem is solved.

No. of Pages : 43 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7957/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR PRODUCING LOW CHLORINE POLYBIPHENYL SULFONE POLYMERS

(51) International classification	:C08G 65/00
(31) Priority Document No	:09157282.6
(32) Priority Date	:03/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/054206
Filing Date	:30/03/2010
(87) International Publication No	:WO 2010/112508
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056, LUDWIGSHAFEN Germany

(72)Name of Inventor :

1)WEBER, MARTIN

2)MALETZKO, CHRISTIAN

3)LANGE, GERHARD

4)ERBES, JORG

5)DIETRICH, MATTHIAS

6)INCHAURRONDO, NICOLAS

(57) Abstract :

The present invention relates to a process for the production of low-chlorine-content polybiphenyl sulfone polymers, to the polybiphenyl sulfone polymers obtainable in this way, to polybiphenyl sulfone polymers with less than 800 ppm content of organically bonded chlorine, to thermoplastic molding compositions and moldings, fibers, films, membranes, or foams comprising the polybiphenyl sulfone polymers mentioned, and also to their use for the production of moldings, of fibers, of films, of membranes, or of foams.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.796/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : FLOCCULATION WITH DIVALENT SALT AND PHOSPHATE

(51) International classification	:C12N 1/02	(71) Name of Applicant :
(31) Priority Document No	:09165046.5	1)NOVOZYMES A/S
(32) Priority Date	:09/07/2009	Address of Applicant :Krogshoejvej 36 DK-2880 Bagsvaerd
(33) Name of priority country	:EUROPEAN UNION	Denmark
(86) International Application No	:PCT/EP2010/059269	(72) Name of Inventor :
Filing Date	:30/06/2010	1)PEDERSEN Jakob Rauhe
(87) International Publication No	: NA	2)PIND Peter Frode
(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 flocculating a bacterial cell producing a protein of interest from a fermentation broth comprising a) diluting the fermentation broth up to 1000% (w/w) with water; b) adding a divalent salt to a concentration in the fermentation broth of more than 10 milli moles per liter diluted fermentation broth; c) adjusting the phosphate concentration to a concentration in the fermentation broth of more than 10 milli moles per liter diluted fermentation broth; d) adjusting the pH of the diluted fermentation broth to a pH within the range of 6.1-10.5; and e) removing the bacterial cells whereby a protein solution with a turbidity of less than 100 NTU is obtained.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.7964/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : COMMUNICATION DEVICE CONNECTION METHOD AND STORAGE MEDIUM

(51) International classification	:H04W12/08	(71) Name of Applicant : 1)NEC CORPORATION Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO 108-8001 Japan
(31) Priority Document No	:2009-111424	
(32) Priority Date	:30/04/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/057515	
Filing Date	:21/04/2010	
(87) International Publication No	:WO 2010/126069	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In order that even a wireless terminal whose an unique ID is not registered in the filter list can use simply the access point without a prior setting task by user, a communication device includes access point means, filtering disabling means, unique ID registration means and filtering enabling means. The access point means connects a wireless terminal with at least one of a lower network and an upper network. The filtering disabling means disables a filtering which prevents connecting with an unregistered wireless terminal whose an unique ID is not registered in a filter list. The unique ID registration means acquires the unique ID of the wireless terminal and registers the acquired unique ID in the filter list, upon a state where the filtering is disabling, if a connection request is received from the wireless terminal. The filtering enabling means enables the filtering after the unique ID of the wireless terminal is registered in the filter list.

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7938/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR REALIZING WIRELESS APPLICATION PROTOCOL GATEWAY AGAINST MALICIOUS ATTACKS

(51) International classification	:H04W 12/08
(31) Priority Document No	:200910132375.2
(32) Priority Date	:01/04/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/074537
Filing Date	:20/10/2009
(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)ZTE CORPORATION

Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan District Shenzhen Guangdong 518057 China.

(72)Name of Inventor :

1)Jie LI

2)Limei WU

(57) Abstract :

The present invention discloses a method and system for implementing a Wireless Application Protocol (WAP) gateway to resist malicious attacks. The method comprises configuring IP control content in the WAP gateway wherein configuring the IP control content comprises configuring an IP which is allowed to use the WAP gateway and a service provider (SP) that is allowed to be accessed by the IP; and the WAP gateway judging a user request according to the configured IP control content to determine whether an IP of the user is the IP which is allowed to use the WAP gateway if not the WAP gateway rejects the user request directly...

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7939/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR REAL-TIME PERFORMANCE AND LOAD STATISTICS O A COM UNICATIONS SYSTEM•

(51) International classification	H04W 24/08
(31) Priority Document No	:12/435,266
(32) Priority Date	:04/05/2009
33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033595
Filing Date	:04/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)SHUMAN Mohammed Ataur Rahman

2)ABPLANALP Daniel Scott

(57) Abstract :

A system and method for producing real-time results of performance data for wireless communications servers are disclosed. A plurality of bins each bin corresponding to a range are maintained. When a measurable event is detected the event is placed into the corresponding bin. When a performance metric is desired it is calculated based on each bin and the metric is returned with an accuracy inversely proportional to the size.

No. of Pages : 39 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.794/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : RADIO LINK TIMEOUT PROCEDURE FOR CALL RE-ESTABLISHMENT

(51) International classification	:H04W 76/02
(31) Priority Document No	:12/549,890
(32) Priority Date	:28/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/002097
Filing Date	:26/08/2010
(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)Research In Motion Limited

Address of Applicant :295 Phillip Street Waterloo Ontario N2L 3W8 Canada.

(72)Name of Inventor :

1)ARORA Dinesh Kumar

2)SNOW Christopher Harris

3)ABDEL-SAMAD Ayman

4)ALMALKI Nazih

5)HOLE David Philip

(57) Abstract :

A radio link timeout procedure for call re-establishment is provided. A mobile station receives signals over a wireless link determines whether there is a potential call re-establishment as defined by at least one condition and decides whether radio link failure has occurred on the basis of the signals received over the wireless link such that while there is a potential for call re-establishment as defined by the at least one condition a decision that a radio link failure has occurred is made earlier than if there is no potential for call re-establishment.

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7940/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : PHOTOVOLTAIC CELL

(51) International classification	:H01L 31/06	(71) Name of Applicant :
(31) Priority Document No	:20091401	1)ENSOL AS
(32) Priority Date	:06/04/2009	Address of Applicant :STORHEIA 22, N-5239 RADAL
(33) Name of priority country	:Norway	Norway
(86) International Application No	:PCT/NO2010/000126	(72) Name of Inventor :
Filing Date	:31/03/2010	1)DENBY, PHIL
(87) International Publication No	:WO/2010/117280	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A photovoltaic cell includes a first electrode and a second electrode operable to define an electric field (E) in a spatial region between the first electrode and the second electrode. Materials for fabricating the first electrode and the second electrode are chosen so that at least one is a metal, and that a material work function difference between these electrodes is of a sufficient magnitude to produce the electric field (E) without a need for selective doping of the electrodes. The spatial region includes one or more nano-particles (260) for receiving radiation, the nano-particles being operable so that the radiation excites surface plasmons in one or more nano-particles resulting in generation of one or more excited electrons for release from the one or more nano-particles and/or neighbouring media to the one or more nano-particles and guided by the field (E) by way of non-conventional conduction processes to result in a current flow through the cell in response to receiving the radiation.

No. of Pages : 47 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7945/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : USE OF COMPOUNDS FOR DIFFERENTIATION OF CELLS

(51) International classification	:C12N 5/071	(71) Name of Applicant :
(31) Priority Document No	:0906424.7	1)ANTOXIS LIMITED
(32) Priority Date	:31/10/2011	Address of Applicant :C/o Genomia Management Ltd
(33) Name of priority country	:U.K.	Roslin BioCentre Wallace Building Roslin Midlothian EH25
(86) International Application No	:PCT/GB2010/000722	9PP (GB). U.K.
Filing Date	:09/04/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)MCPHAIL Donald Barton
(61) Patent of Addition to Application Number	:NA	2)COOK Graeme James
Filing Date	:NA	3)JOHNSTONE Andrew Scott
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method for differentiating an undifferentiated cell said method comprising contacting an undifferentiated cell with certain compounds of Formula I or a salt thereof: Formula I

No. of Pages : 67 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7968/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : POWER NEGOTIATION IN A COMMUNICATIONS DEVICE

(51) International classification	:G06K17/00	(71) Name of Applicant : 1)NEC CORPORATION Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO 108-8001 Japan
(31) Priority Document No	:0905798.5	
(32) Priority Date	:03/04/2009	
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/JP2010/053694	(72) Name of Inventor : 1)DONG, OLIVIER
Filing Date	:26/02/2010	
(87) International Publication No	:WO 2010/113596	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mobile device is provided having a smart card. The smart card is powered by the mobile device and a maximum power supply value is defined by the mobile device to control the power drawn by the smart card. Provision is made for the smart card to inform the mobile device of the processes supported by the smart card and their classes of current. Provision is also made for the smart card to inform the mobile device whether or not the smart card supports high density memory. The mobile device is operable to use the information provided by the smart card to determine the optimal or best value of electrical current that is to be made available to the smart card.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.797/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESS FOR PRODUCING POLYOLEFINS•

(51) International classification	:C08F6/00
(31) Priority Document No	:09177704.5
(32) Priority Date	:02/12/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/006703
Filing Date	:03/11/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :IZD Tower Wagramerstrae 17-19 A-1220 Vienna Austria

(72)Name of Inventor :

1)KOKKO Tapi

2)ELOVAINIO Erno

3)KIVEL,, Jouni

4)NYFORS Klaus

5)HAGANE Kai

(57) Abstract :

The present invention deals with a process of producing a polymer of at least one olefin in two consecutive reactors in gas phase in the presence of an olefin polymerisation catalyst where an olefin is polymerised in a first polymerization reactor in the presence of an olefin polymerisation catalyst and a first reaction gas mixture to form a fluidized bed comprising an olefin polymer and said first reaction gas mixture. The first reaction gas mixture together with the olefin polymer is continuously or intermittently withdrawn from the first polymerisation reactor and directed into a separation vessel so that a bed of polymer is formed in said separation vessel. A portion of said first reaction gas mixture is withdrawn from said separation vessel and returned into the first polymerization reactor to a point where the pressure is lower than in the ...

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7970/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : EARPIECE SYSTEM

(51) International classification	:H04R1/10	(71) Name of Applicant : 1)VERTO MEDICAL SOLUTIONS, LLC Address of Applicant :401 WESTCHESTER, GLEN CARBON ILLINOIS-62034-1955 U.S.A.
(31) Priority Document No	:61/174,305	
(32) Priority Date	:30/04/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/033197	(72) Name of Inventor :
Filing Date	:30/04/2010	1)BURGETT, SETH
(87) International Publication No	:WO 2010/127265 A2	2)DANIELS, RICHARD J.
(61) Patent of Addition to Application Number	:NA	3)LEEDLE, MELVIN JOSHUA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An earbud adapter or earbud monitor includes an Ear Interface that fits the human ear and further permits the wearer of these devices to adjust parameters of the fit. In additional aspects, the Ear Interface portion of these devices permits the user to adjust the transmission of ambient sound. The Ear Interface portion also allows the user to change ornamentation.

No. of Pages : 38 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7971/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ADJUSTING MONITORING OF TIMESLOTS DURING DATA TRANSMISSION

(51) International classification	:H04W 72/12
(31) Priority Document No	:61/171,432
(32) Priority Date	:21/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2010/000794
Filing Date	:21/04/2010
(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)Research In Motion Limited

Address of Applicant :295 Phillip Street Waterloo Ontario N2L 3W8 Canada.

(72)Name of Inventor :

1)HOLE David Phillip

2)KREUZER Werner

3)DWYER Johanna Lisa

(57) Abstract :

A method for coordinating communications between a user equipment and a base station is presented. The method includes receiving an assignment of a first set of timeslots for at least one of uplink and downlink communications between the user equipment and the base station reducing a number of timeslots monitored by the user equipment to a reduced set of timeslots and receiving a second assignment of a second set of timeslots for at least one of uplink and downlink communications between the user equipment and the base station. When the second assignment message assigns a number of timeslots that is less than or equal to at least one of the number of timeslots in the reduced set of timeslots and the first set of timeslots the method includes continuing to monitor the reduced set of timeslots.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7973/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ADJUSTING MONITORING OF TIMESLOTS DURING DATA TRANSMISSION

(51) International classification	:H04W 72/12
(31) Priority Document No	:61/171,435
(32) Priority Date	:21/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2010/000805
Filing Date	:21/04/2010
(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)Research In Motion Limited

Address of Applicant :295 Phillip Street Waterloo Ontario N2L 3W8 Canada.

(72)Name of Inventor :

1)HOLE David Phillip

2)KREUZER Werner

3)DWYER Johanna Lisa

(57) Abstract :

A method for coordinating communications between a user equipment and a base station is presented. The method includes receiving an assignment of timeslots within each of a plurality of contiguous radio blocks for at least one of uplink and downlink communications between the user equipment and the base station. After receiving the assignment of timeslots within each of a plurality of contiguous radio blocks the method includes reducing a number of radio blocks and associated timeslots monitored by the user equipment.

No. of Pages : 50 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.798/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : ENZYME-MODIFIED SOYBEAN PRODUCT

(51) International classification	:A23K 1/165
(31) Priority Document No	:09165758.5
(32) Priority Date	:17/07/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/060116
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)NOVOZYMES A/S

Address of Applicant :Krogshoejvej 36 DK-2880 Bagsvaerd Denmark

(72)Name of Inventor :

1)ANDERSEN Lene Nonboe

2)LYNGLEV Gitte B.

3)CHRISTENSEN Lars L. H.

4)PEREIRA MACHADO Rogerio

(57) Abstract :

The present invention relates to a method of producing a modified soybean product such as a modified soybean meal comprising use of a proteolytic enzyme. The invention further relates to use of a proteolytic enzyme in the production of a feed or feed additive product.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7980/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : MONITORING OF DELAY IN PACKET SWITCHED NETWORKS•

(51) International classification	:H04L 12/26	(71) Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE-164 83 Stockholm Sweden
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/EP2009/004257	(72) Name of Inventor : 1)JOHANSSON Ingemar 2)FRANKKILA Tomas 3)H...KANSSON Stefan
Filing Date	:12/06/2009	
(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	

(57) Abstract :

A method is proposed for determining the round-trip delay for sending multimedia data such as voice or video data between a first network node and a second network node over a communications network where data is encapsulated in data units comprising at least one frame of encoded data. The method includes the steps of: said first network node sending a request for reconfiguration of the data unit structure to the second node; the first node detecting a reconfiguration response from the second node where the reconfiguration response comprises at least one data unit of data having a structure that corresponds to the request for reconfiguration. The first node then measures the time elapsed between sending the reconfiguration request and detecting the reconfiguration response and determines a value for roundtrip delay using said measured time. In accordance with a first embodiment, the request for reconfiguration is a request to change the encoding mode of the multimedia data. A node adapted to measure this round-trip delay is also proposed.

No. of Pages : 30 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7988/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : VIDEO ENCODING APPARATUS AND VIDEO DECODING APPARATUS

(51) International classification	:H04N7/50	(71) Name of Applicant :
(31) Priority Document No	:2009-093606	1)SHARP KABUSHIKI KAISHA
(32) Priority Date	:08/04/2009	Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/054485	1)YAMAMOTO, TOMOYUKI
Filing Date	:17/03/2010	2)IKAI, TOMOHIRO
(87) International Publication No	:WO 2010/116869	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

While maintaining a high degree of freedom in choosing partition sizes and transformation sizes adapted for local characteristics of videos, the amount of metadata is decreased. A video encoding apparatus (10) divides an input video into blocks of a prescribed size and encodes the video block by block. The video encoding apparatus is provided with: a prediction parameter determining portion (102) that decides the block partition structure; a predictive image producing portion (103) that generates predictive images, partition by partition, as prescribed by the partition structure; a transform coefficient producing portion (107) which applies one of the frequency transformations included in a prescribed transformation preset to prediction residuals, i.e. the differences between predictive images and the input video; a transform restriction deriving portion (104) which generates the list of transform candidate, i.e. lists of frequency transformations that can be applied to each partition, on the basis of partition format information; and a variable-length-encoding portion (108) which, on the basis of the list of transform candidate and the transformation preset, performs variable-length encoding on transformation selection flags.

No. of Pages : 113 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.799/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESSES FOR SEPARATING AND RECOVERING 3-HYDROXYPROPIONIC ACID

(51) International classification	:C12P 7/42
(31) Priority Document No	:61/222,302
(32) Priority Date	:01/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040613
Filing Date	:30/06/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOVOZYMES NORTH AMERICA INC.

Address of Applicant :7 Perry Chapel Church Road
Franklinton North Carolina 27525 U.S.A.

(72)Name of Inventor :

1)JUMP Joseph

(57) Abstract :

The present invention relates to processes for separating and recovering 3-hydroxypropionic acid comprising: (a) subjecting an aqueous solution comprising a salt of 3-hydroxypropionic acid to concentrating electrodialysis to concentrate the salt of 3-hydroxypropionic acid in the aqueous solution; and (b) subjecting the resulting concentrate to bipolar membrane electrodialysis to convert the salt of 3-hydroxypropionic acid into the free acid of 3-hydroxypropionic acid.

No. of Pages : 43 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7974/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ADJUSTING MONITORING OF TIMESLOTS DURING DATA TRANSMISSION

(51) International classification	:H04W 72/12
(31) Priority Document No	:61/171,431
(32) Priority Date	:21/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2010/000811
Filing Date	:12/04/2010
(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)Research In Motion Limited

Address of Applicant :295 Phillip Street Waterloo Ontario N2L 3W8 Canada.

(72)Name of Inventor :

1)HOLE David Phillip

2)KREUZER Werner

3)DWYER Johanna Lisa

(57) Abstract :

A method for coordinating communications between a user equipment and a base station is presented. The method includes receiving an assignment of a first set of timeslots for uplink communications between the user equipment and the base station using an Extended Dynamic Allocation (EDA) resource allocation algorithm. The method includes after receiving the assignment of the first set of timeslots for uplink communications reducing a number of timeslots monitored by the user equipment to less than the first set of timeslots for uplink communications and transmitting uplink data to the base station using a non-EDA resource allocation algorithm.

No. of Pages : 50 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7976/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR NEUROLOGICAL TREATMENT•

(51) International classification	:A61N 1/36	(71) Name of Applicant :
(31) Priority Document No	:61/166,628	1)NEURONIX LTD.
(32) Priority Date	:03/04/2009	Address of Applicant :Kohav Yokneam Building POB 16
(33) Name of priority country	:U.S.A.	Yokneam Illit Industrial Park 20692 Israel
(86) International Application No	:PCT/IL2010/000289	(72) Name of Inventor :
Filing Date	:06/04/2010	1)BAROR Eyal
(87) International Publication No	: NA	2)BENTWICH Jonathan
(61) Patent of Addition to Application Number	:NA	3)FARAN Samuel
Filing Date	:NA	4)KATZ Amir
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a system and method for neurological treatment. The system of the invention includes a neurological stimulation (NS) modality that delivers neurological stimulation to a first brain region and a cognitive training (CT) that delivers CT to a second brain region where activation of the CT modality occurs at a predetermined time relative to the activation period of the NS modality. In one embodiment the NS and CT are interleaved. The first and second brain regions may be the same brain regions or different brain regions. The invention may be used for example in the treatment of dementia neurological conditions or psychiatric conditions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7977/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHO FOR POSITI NING USER EQUIPMENT IN A WIRELESS MOBILE
CO MUNICATION SYSTEM&NBSP; AND APPARATUS FOR PERFORMING THE METHOD•

(51) International classification	:G01S 5/12	(71) Name of Applicant : 1)LG ELECTRONICS INC. Address of Applicant :20 Yeouido-dong Yeongdeungpo-gu Seoul 150-721 Republic of Korea
(31) Priority Document No	:61/175,769	
(32) Priority Date	:05/05/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/KR2010/002764	(72) Name of Inventor :
Filing Date	:30/04/2010	1)HAN Seung Hee
(87) International Publication No	: NA	2)CHUNG Jae Hoon
(61) Patent of Addition to Application Number	:NA	3)KWON Yeong Hyeon
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a wireless communication system and more particularly to an apparatus for positioning a user equipment and method thereof. The present invention includes receiving from a plurality of base stations including a serving cell a predetermined number of consecutive positioning subframes in a radio frame at a predetermined period each of the consecutive positioning subframe including a reference signal measuring a time of arrival of the positioning subframes by using the reference signal and transmitting a result of the measured time of arrival of the positioning subframe to the serving cell

No. of Pages : 52 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7979/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : LAMINATED BODY, PACKAGED BODY, SHEET FOR PACKAGE, PACKAGING MATERIAL, LABEL AND CONTAINER

(51) International classification	:B32B27/18
(31) Priority Document No	:101512/2009
(32) Priority Date	:20/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/56874
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/122964
	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)TOYO ALUMINIUM KABUSHIKI KAISHA

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(72)Name of Inventor :

1)SATO MASAHIRO

2)HIGASHI NAOKI

3)KANNO SHUHEI

4)EGASHIRA KIYODA

5)KUBO HIROSHI

6)KANNO KEIICHI

(57) Abstract :

A laminate and the like capable of improving the barcode reading accuracy with a configuration having a smaller number of layers is provided. Further, a laminate and the like capable of further improving the barcode reading accuracy and further reducing the size of a barcode portion even when applied to a conventional layer configuration is provided. The laminate includes a colored barcode print layer 5, a base material layer 1, and a bead-containing coating layer 7 having beads 7b dispersed in a resin 7a.

No. of Pages : 94 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.800/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESS FOR TREATING A SUBSTRATE WITH AN ENZYME

(51) International classification	:C12P 7/06
(31) Priority Document No	:09164787.5
(32) Priority Date	:07/07/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/059731
Filing Date	:07/07/2010
(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)NOVOZYMES A/S

Address of Applicant :Krogshoejvej 36 DK-2880 Bagsvaerd Denmark

(72)Name of Inventor :

1)SIMONSEN Ole

(57) Abstract :

In a process for hydrolyzing plant material in aqueous solution or suspension with an enzyme the enzyme is delivered in solid form (e.g. as a spray-dried powder) in closed containers (such as paper bags or cardboard boxes) which are added directly in the process (i.e. addition of whole boxes/bags). The invention is particularly amenable to the production of first or second-generation bioethanol.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7992/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : INFORMATION SYSTEM FOR INDUSTRIAL VEHICLES

(51) International classification	:G06Q50/00	(71) Name of Applicant :
(31) Priority Document No	:61/166,494	1)CROWN EQUIPMENT CORPORATION
(32) Priority Date	:03/04/2009	Address of Applicant :40 SOUTH WASHINGTON
(33) Name of priority country	:U.S.A.	STREET, NEW BREMEN, OHIO 45869 U.S.A.
(86) International Application No	:PCT/US2010/029327	(72) Name of Inventor :
Filing Date	:31/03/2010	1)HARSHBARGER, AARON, H.
(87) International Publication No	:WO 2010/114871 A3	2)TINNERMAN, DAVID, K.
(61) Patent of Addition to Application Number	:NA	3)WELLMAN, TIMOTHY, A.
Filing Date	:NA	4)WHITFORD, JEFFREY, C.
(62) Divisional to Application Number	:NA	5)WINNER, DEAN, E.
Filing Date	:NA	

(57) Abstract :

Industrial vehicles communicate across a wireless environment and the wireless communication, data collection and/or processing capabilities of industrial vehicles are leveraged against robust software solutions to implement enterprise wide asset management functions, to integrate industrial vehicle data into existing enterprise workflows and/or to enable trusted third party integration into the enterprise for enhanced asset and/or workflow management. Still further, wireless communication, data collection and/or processing capabilities of industrial vehicles are leveraged with robust software solutions that aggregate and analyze data across multiple enterprises and/or promote the exchange of information between independent entities.

No. of Pages : 43 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7993/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : WIRELESS&NBSP;COMMUNICATION TERMINAL AND COMMUNICATION METHOD

(51) International classification	:H04W72/08
(31) Priority Document No	:2009-119104
(32) Priority Date	:15/05/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2010/003289 :14/05/2011
(87) International Publication No	:WO 2010/131487 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :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)YUDA, YASUAKI
2)NAKAO, SEIGO
3)HORIUCHI, AYAKO
4)IMAMURA, DAICHI
5)HOSHINO, MASAYUKI
6)SUMASU, ATSUSHI**

(57) Abstract :

To measure the channel quality of the own cell accurately in a condition where there is no interference from a neighbor cell. A wireless communication terminal according to the invention is a wireless communication terminal to be connected to a base station for transmitting and receiving data to/from the base station, the wireless communication terminal including : a receiver that receives a signal which includes control information provided for measuring a channel quality of own cell from the base station; an extractor that extracts the control information from the signal received by the receiver; a measurement section that measures, on the basis of the control information, the channel quality of the own cell in a domain where a neighbor cell does not transmit a signal; and a transmitter that transmits a measurement result of the channel quality of the own cell measured by the measurement section, to the base station.

No. of Pages : 57 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8010/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : RESIST STRIPPING COMPOSITIONS AND METHODS FOR MANUFACTURING ELECTRICAL DEVICES

(51) International classification	:G03F 7/42	(71)Name of Applicant :
(31) Priority Document No	:61/176,165	1)BASF SE
(32) Priority Date	:07/05/2009	Address of Applicant :67056, LUDWIGSHAFEN Germany
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/055204	1)KLIPP, ANDREAS
Filing Date	:20/04/2010	
(87) International Publication No	:WO 2010/127942	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A liquid composition comprising (A) at least one polar organic solvent, selected from the group consisting of solvents exhibiting in the presence of from 0.06 to 4% by weight of dissolved tetramethylammonium hydroxide (B), the weight percentage being based on the complete weight of the respective test solution (AB), a constant removal rate at 50°C for a 30 nm thick polymeric barrier anti-reflective layer containing deep UV absorbing chromophoric groups, (B) at least one quaternary ammonium hydroxide, and (C) at least one aromatic amine containing at least one primary amino group, a method for its preparation and a method for manufacturing electrical devices, employing the liquid composition as a resist stripping composition and its use for removing negative-tone and positive-tone photoresists and post etch residues in the manufacture of 3D Stacked Integrated Circuits and 3D Wafer Level Packagings by way of patterning Through Silicon Vias and/or by plating and bumping.

No. of Pages : 45 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.802/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : LAYER SHIFTING FOR UPLINK MIMO

(51) International classification	:H04L 1/00
(31) Priority Document No	:61/230,664
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043840
Filing Date	:30/07/2010
(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
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)ZHANG Xiaoxia

2)LUO Tao

(57) Abstract :

Wireless communications methods and related apparatuses are provided. The methods include analyzing a report or a channel quality indicator in a multiple-in-multiple-out (MIMO) wireless communications system. In one aspect the methods include determining whether layer shifting should be employed in view of the report or channel quality indicator. The methods also include enabling or disabling layer shifting in an uplink communication based on the report or the channel quality indicator.

No. of Pages : 49 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8001/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHODS AND APPARATUS TO DISCOVER AUTHENTICATION INFORMATION IN A WIRELESS NETWORKING ENVIRONMENT

(51) International classification	:H04L 29/06
(31) Priority Document No	:61/172,597
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2010/000834
Filing Date	:26/04/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA Filing Date :NA
(62) Divisional to Application Number	:NA Filing Date :NA

(71)Name of Applicant :

1)Research In Motion Limited

Address of Applicant :295 Phillip Street Waterloo Ontario N2L 3W8 Canada.

(72)Name of Inventor :

1)MCCANN Stephen

2)MONTEMURRO Michael

(57) Abstract :

Example methods and apparatus to discover authentication information in a wireless networking environment are disclosed. A disclosed example method involves transmitting a request to a network access point the request requesting identifiers indicative of authentication information. The authentication information is indicative of an authentication value required from a wireless terminal. A response to the request is received from the network access point. Authentication information is retrieved from the response.

No. of Pages : 59 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8002/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : IDLE HANDOFF TO HYBRID FEMTO CELL BASED ON SYSTEM SELECTION DATABASE

(51) International classification	:H04W 36/14	(71) Name of Applicant :
(31) Priority Document No	:61/174,834	1)QUALCOMM Incorporated
(32) Priority Date	:01/05/2009	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2010/033322	U.S.A.
Filing Date	:02/05/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)TINNAKORN SRISUPHAP Peerapol
(61) Patent of Addition to Application Number	:NA	2)YOON Young C.
Filing Date	:NA	3)PATWARDHAN Ravindra M.
(62) Divisional to Application Number	:NA	4)BALASUBRAMANIAN Srinivasan
Filing Date	:NA	

(57) Abstract :

Devices and methods are provided for facilitating handing over to a hybrid femto access point that implements multiple radio access technologies (RATs) including a first RAT and a second RAT. In one embodiment the method involves detecting a pilot from the hybrid femto access point wherein the pilot is associated with the first RAT. The method involves registering with the hybrid femto access point on a first channel associated with the first RAT based upon the detected pilot. A system selection database is analyzed to identify a second channel associated with the second RAT and a selection to handover to the identified second channel is effectuated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8003/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ADAPTING TRANSMIT DATA BLOCK SIZE AND RATE BASED ON QUALITY OF COMMUNICATION LINK

(51) International classification	:H04L 1/00
(31) Priority Document No	:12/437,393
(32) Priority Date	:07/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033943
Filing Date	:06/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)EITAN Alecsander P.

(57) Abstract :

System and method for transmitting data to a remote communication device to achieve desirable transmit data block size and data rate based on measurements of the communication link quality to the remote device. The method entails selecting an initial transmit data rate and power based on an initial measurement of the link quality and a default size for the transmit data block. The data block is then transmitted to the remote and an acknowledgement (ACK) message is received from the remote. If the ACK message indicates that the data block was properly received the size for the next data block to be transmitted is increased. Otherwise the size for the next data block may be decreased or remain the same. Additionally ...

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8004/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEMS&NBSP; APPARATUS AND METHODS FOR FACILITATING EMERGENCY CALL SERVICE IN WIRELESS COMMUNICATION SYSTEMS

(51) International classification	:H04W 4/22	(71) Name of Applicant : 1)QUALCOMM Incorporated Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 U.S.A.
(31) Priority Document No	:61/174,897	
(32) Priority Date	:01/05/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/033320	
Filing Date	:02/05/2010	
(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	

(57) Abstract :

Systems and methods for facilitating emergency call service are provided. The method can include modifying a configuration parameter of a user equipment (UE) wherein the configuration parameter is related to at least one of: network selection cell selection or reselection or service selection within a wireless communication system and wherein a modified configuration parameter results in a preference by the UE for a network cell or service configured to support emergency calls at the UE. The method can also include prioritizing circuit-switched services over packet-switched services utilizing the circuit-switched voice service preferentially or exclusively and/or prioritizing a network configured to offer emergency call service over the original serving network of the UE based at least on the modifying the configuration parameter. Modifying the configuration parameter can be performed autonomously by the UE. The modified configuration can also enable callback services to a UE from the network.

No. of Pages : 64 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.8024/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SELECTIVE CONTENT ACCESSIBILITY IN A SOCIAL NETWORK

(51) International classification	:G06Q 99/00
(31) Priority Document No	:12/485,856
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038024
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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Address of Applicant :1601 Willow Road Menlo Park CA
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(72)Name of Inventor :

1)LEAH PEARLMAN

2)ALOK MENGHRAJANI

3)MARK SLEE

(57) Abstract :

A social networking service encourages users to post content to a communication channel with varying levels of accessibility to other users. Users may select how content will be published and control the accessibility of uploaded content using a privacy setting for each content item that the user posts. The privacy setting defines or identifies the set of connections who may view the posted content item. The posted content item is placed in a particular communication channel in the social networking service such as a newsfeed or stream where the content item can be viewed by those who are permitted to view it according to its associated privacy setting. Varying granularities of privacy settings provide flexibility for content accessibility on a social networking service.

No. of Pages : 33 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.803/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : POLYPEPTIDES HAVING CELLULOLYTIC ENHANCING ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME

(51) International classification	:C12N 15/82
(31) Priority Document No	:61/223,533
(32) Priority Date	:07/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/041222
Filing Date	:07/07/2010
(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)NOVOZYMES A/S

(72)Name of Inventor :

1)DUAN Junxin

2)TANG Lan

3)LIU Ye

4)WU Wenping

5)QUINLAN Jason

6)KRAMER Randall

(57) Abstract :

The present invention relates to isolated polypeptides having cellulolytic enhancing activity and isolated polynucleotides encoding the polypeptides. The invention also relates to nucleic acid constructs vectors and host cells comprising the polynucleotides as well as methods of producing and using the polypeptides.

No. of Pages : 123 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8035/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : LOW STRESS-INDUCING HEAT SINK

(51) International classification	:H05K 7/20	(71) Name of Applicant : 1)NS Acquisition LLC Address of Applicant :453 Ravendale Drive Suite E Mountain View CA 94043 U.S.A.
(31) Priority Document No	:61/167,685	
(32) Priority Date	:08/04/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/030307	
Filing Date	:07/04/2010	
(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	

(57) Abstract :

A low stress-inducing heat sink may reduce thermally induced stress and strain in the heat source. The low stress-inducing heat sink may be made of materials with low thermal conductivity. The heat sink may have in-plane flexibility and hence reduce thermally induced stress and strain generated in the heat source and at the interface of the heat sink and the heat source.

No. of Pages : 73 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8036/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : OLIGONUCLEOTIDE COMPRISING AN INOSINE FOR TREATING DMD•

(51) International classification	:C12N 15/113	(71) Name of Applicant : 1)PROSENSA TECHNOLOGIES B.V. Address of Applicant :Wassenaarseweg 72 NL 2333 AL Leiden The Netherlands.
(31) Priority Document No	:09158731.1	
(32) Priority Date	:24/04/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/NL2010/050230	
Filing Date	:26/04/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides an oligonucleotide comprising an inosine and/or a nucleotide containing a base able to form a wobble base pair or a functional equivalent thereof wherein the oligonucleotide or a functional equivalent thereof comprises a sequence which is complementary to at least part of a dystrophin pre-m RNA exon or at least part of a non-exon region of a dystrophin pre-m RNA said part being a contiguous stretch comprising at least 8 nucleotides. The invention further provides the use of said oligonucleotide for preventing or treating DMD or BMD.

No. of Pages : 89 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8037/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : PRODUCTION PROCESS OF PROPYLENE•

(51) International classification	:C07C 6/04	(71) Name of Applicant :
(31) Priority Document No	:2009-113596	1)MITSUBISHI CHEMICAL CORPORATION
(32) Priority Date	:08/05/2009	Address of Applicant :14-1 Shiba 4-chome Minato-ku
(33) Name of priority country	:Japan	Tokyo 108-0014 Japan
(86) International Application No	:PCT/JP2010/057632	(72) Name of Inventor :
Filing Date	:28/04/2010	1)Mikio HAYASHI
(87) International Publication No	: NA	2)Masashi YAMAGUCHI
(61) Patent of Addition to Application Number	:NA	3)Yumiko YOSHIKAWA
Filing Date	:NA	4)Takahiko TAKEWAKI
(62) Divisional to Application Number	:NA	5)Tohru SETOYAMA
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to provide a process of producing propylene by contacting ethylene with a catalyst where propylene is produced with high selectivity. The present invention relates to a production process of propylene comprising contacting ethylene with a catalyst wherein the catalyst comprises a zeolite as an active ingredient and an acid content in the outer surface of the zeolite is 5% or less based on an acid content of the entire zeolite.

No. of Pages : 31 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8038/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR PURIFYING GLUCOSE POLYMERS FOR PERITONEAL DIALYSIS SOLUTIONS•

(51) International classification	:C08B 30/18
(31) Priority Document No	:0952879
(32) Priority Date	:30/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050815
Filing Date	:29/04/2010
(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)ROQUETTE FRERES

Address of Applicant :F-62136 Lestrem France

(72)Name of Inventor :

1)BIGUET Marc

2)BOURDAIN Stphane

3)DUFLOT Pierrick

(57) Abstract :

The invention relates to a method for purifying glucose polymers for the production of peritoneal dialysis solutions characterized in that it includes at least one step of processing activated carbon and/or granular black at least one sterilizing filtration step at least one heat treatment step and at least one ultrafiltration step.

No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8005/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : ACTIVATION/DE-ACTIVATION OF SECONDARY UL CARRIER IN DC-HSUPA

(51) International classification	:H04W 72/12	(71) Name of Applicant : 1)QUALCOMM Incorporated Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 U.S.A.
(31) Priority Document No	:61/174,396	
(32) Priority Date	:30/04/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/033149	
Filing Date	:30/04/2010	
(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	

(57) Abstract :

The present patent application discloses a method and apparatus for activating or de-activating a secondary carrier comprising informing a serving radio network controller when a secondary carrier was activated or de-activated receiving a confirmation from the serving radio network controller that non-serving NodeB cells have achieved synchronization and scheduling a UE upon receiving confirmation. In another example the present patent application discloses a method and apparatus for de-activating a secondary carrier comprising controlling de-activation of the secondary carrier using high-speed shared control channel orders receiving acknowledgement of said high-speed shared control channel orders and informing a serving radio network controller when the secondary carrier was de-activated.

No. of Pages : 36 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8006/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROXIMITY BASED ACCESS CONTROL

(51) International classification	:H04W 60/00	(71) Name of Applicant :
(31) Priority Document No	:61/175,344	1)QUALCOMM Incorporated
(32) Priority Date	:04/05/2009	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2010/033629	U.S.A.
Filing Date	:04/05/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)TOKGOZ Yeliz
(61) Patent of Addition to Application Number	:NA	2)PATEL Chirag S.
Filing Date	:NA	3)YAVUZ Mehmet
(62) Divisional to Application Number	:NA	4)NANDA Sanjiv
Filing Date	:NA	5)RAUBER Peter H.

(57) Abstract :

A method for reducing interference to wireless communication devices is disclosed. A proximity of a wireless communication device to a base station is determined. The proximity of the wireless communication device is compared with a proximity threshold and based on the comparison access to a femtocell may be granted to a restricted/non-CSG (closed subscriber group) wireless communication device. The method also includes causing a registration response to be sent to the wireless communication device based on the comparison.

No. of Pages : 52 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8008/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD&NBSP; APPARATUS AND COMPUTER PROGRAM PRODUCT FOR VECTOR VIDEO RETARGETTING

(51) International classification	:H04N 7/26
(31) Priority Document No	:12/420,555
(32) Priority Date	:08/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/000782
Filing Date	:08/04/2010
(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)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
Finland

(72)Name of Inventor :

1)Vidya Setlur

(57) Abstract :

In accordance with an example embodiment of the present invention, a method for vector video frame retargeting comprises identifying one or more objects within a vector video frame, determining one or more importance values for the one or more identified objects and retargeting the video frame based at least in part on at least one of the one or more importance values corresponding to at least one identified object.

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.801/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEMS AND METHODS OF ADVERTISING HANDOFF

(51) International classification	:H04W 36/04	(71) Name of Applicant :
(31) Priority Document No	:61/233,276	1)QUALCOMM Incorporated
(32) Priority Date	:12/08/2009	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2010/045399	U.S.A.
Filing Date	:12/08/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)TINNAKORNNSRISUPHAP Peerapol
(61) Patent of Addition to Application Number	:NA	2)NANDA Sanjiv
Filing Date	:NA	3)BALASUBRAMANIAN Srinivasan
(62) Divisional to Application Number	:NA	4)SUNDARRAMAN Chandrasekhar Therazhandur
Filing Date	:NA	5)RAUBER Peter Hans

(57) Abstract :

A heterogeneous communication system enables femto Access Points (APs) to advertise hand off related information on a first Radio Access Technology (RAT) such as for receipt by a multi mode mobile device (e.g. a mobile device capable of operation on a plurality of RATs) wherein the handoff related information permits the multi mode mobile device to identify the femto access point on a second RAT. The multi mode mobile device can be connected to a macro node (e.g. a macro base station an evolved Base Node etc.) using the first RAT via a Wireless Wide Area Network (WWAN) air-interface (e.g. 1x HRPD eHRPD) while independently reading / decoding overhead messages on the second RAT for connection thereto (e.g. connection to the femto access point on the second RAT.) The second RAT can be another WWAN a Wireless Local Access Network (WLAN) or a Personal Access Network.

No. of Pages : 55 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8044/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SIGMA-DELTA CONVERTERS AND METHODS FOR ANALOG-TO-DIGITAL CONVERSION

(51) International classification	:H03M 3/02	(71) Name of Applicant : 1)QUALCOMM Incorporated Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 U.S.A.
(31) Priority Document No	:12/464,491	
(32) Priority Date	:12/05/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/034622	
Filing Date	:12/05/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A switched capacitor sigma-delta modulator or another analog-to-digital converter (ADC) uses chopper stabilization. Chopping clock transitions are performed during non-active periods of the sampling clock phases reducing disturbance of the circuit caused by chopping and increasing the time available for settling of the circuit given a particular sampling frequency. An asynchronous state machine may govern sampling and chopping clock transitions. In embodiments inactive transition of a first sampling clock causes inactive transition of a second chopping clock which in turn causes active transition of a first chopping clock. The next inactive transition of the first sampling clock causes inactive transition of the first chopping clock which causes an active transition of the second chopping clock.

No. of Pages : 25 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8039/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : INTEGRATED AUTOMATION SYSTEM WITH PICTURE COMPILATION SYSTEM•

(51) International classification	:G06Q 50/00	(71) Name of Applicant :
(31) Priority Document No	:2009901932	1)THE UNIVERSITY OF SYDNEY
(32) Priority Date	:01/05/2009	Address of Applicant :Parramatta Road The University of Sydney New South Wales 2006 Australia
(33) Name of priority country	:Australia	(72) Name of Inventor :
(86) International Application No	:PCT/AU2010/000498	1)Eric NETTLETON
Filing Date	:30/04/2010	2)Ross HENNESSY
(87) International Publication No	: NA	3)Hugh DURRANT-WHYTE
(61) Patent of Addition to Application Number	:NA	4)Ali Haydar G-KTOGAN
Filing Date	:NA	5)Peter James HATHERLY
(62) Divisional to Application Number	:NA	6)Fabio Tozeto RAMOS
Filing Date	:NA	

(57) Abstract :

Methods and systems are described for generating a data representation of a geographical region as an adjunct to conducting autonomous operations within the region. The method comprises receiving information specifying a plurality of localised zones having operation-defined geographical boundaries within the region; receiving heterogeneous data descriptive of the region; associating the received data with respective localised zones; fusing the received data associated with the localised zones into data representations of the localised zones; and integrating the data representations of the localised zones into a common data representation of the geographical region.

No. of Pages : 82 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.804/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO ORGANIC COMPOUNDS

(51) International classification	:A23L 1/015
(31) Priority Document No	:61/229,308
(32) Priority Date	:29/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/061017
Filing Date	:29/07/2010
(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)GIVAUDAN SA

Address of Applicant :Chemin de la Parfumerie 5 CH-1214 Vernier Switzerland

(72)Name of Inventor :

1)VILLAGRAN Francisco Valentino

2)GRAY Kimberley

3)POTINENI Rajesh Venkata

(57) Abstract :

An orally-administrable product comprising an ingredient or ingredients that have associated with their use an unacceptable aftertaste and a cooling compound employed as a taste-masking agent in an amount of 0.5 ppm or less.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.806/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : WIND TURBINE PROVIDING GRID SUPPORT

(51) International classification	:F03D 7/04	(71) Name of Applicant : 1)Vestas Wind Systems A/S Address of Applicant :Hedeager 44 8200 Aarhus N
(31) Priority Document No	:09163969.0	
(32) Priority Date	:29/06/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2010/003903	
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	

(57) Abstract :

A variable speed wind turbine is arranged to provide additional electrical power to counteract non-periodic disturbances in an electrical grid. A controller monitors events indicating a need to increase the electrical output power from the wind turbine to the electrical grid. The controller is arranged to control the wind turbine as follows: after an indicating event has been detected the wind turbine enters an overproduction period in which the electrical output power is increased wherein the additional electrical output power is taken from kinetic energy stored in the rotor and without changing the operation of the wind turbine to a more efficient working point. When the rotational speed of the rotor reaches a minimum value the wind turbine enters a recovery period to re-accelerate the rotor to the nominal rotational speed while further contributing to the stability of the electrical grid by outputting at least a predetermined minimum electrical power.

No. of Pages : 45 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8068/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : MEDICINAL INHALATION DEVICES AND COMPONENTS THEREOF

(51) International classification	:B05D5/08	(71) Name of Applicant :
(31) Priority Document No	:61/175,898	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:06/05/2009	Address of Applicant :3M CENTER, POST OFFICE BOX
(33) Name of priority country	:U.S.A.	33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(86) International Application No	:PCT/US2010/033853	(72) Name of Inventor :
Filing Date	:06/05/2010	1)IYER, SURESH
(87) International Publication No	:WO 2010/129758 A1	2)DAVID, MOSES, M.
(61) Patent of Addition to Application Number	:NA	3)KELLY, JEAN, A.
Filing Date	:NA	4)JINKS, PHILIP, A.
(62) Divisional to Application Number	:NA	5)BLATCHFORD, CHRISTOPHER, G.
Filing Date	:NA	

(57) Abstract :

A composition for modifying a surface of a substrate, the composition comprising: (a) a first polyfluoropolyether silane of the Formula Ia: CF₃CF₂CF₂O(CF(CF₃)CF₂O)pCF(CF₃)-C(O)NH(CH₂)₃Si(Y)₃ (Ia) wherein each Y is independently a hydrolyzable group and wherein p is 3 to 50; and (b) a second polyfluoropolyether silane of the Formula Ha: (Y)₃Si(CH₂)₃NHC(O)-CF₂O(CF₂O)m(C₂F₄O)qCF₂-C(O)NH(CH₂)₃Si(Y)₃ (Ha) wherein each Y' is independently a hydrolyzable group and wherein m is 1 to 50 and q is 3 to 40. A method of making a medicinal inhalation device or a component of a medicinal inhalation device comprising a step of applying to at least a portion of a surface of the device or the component, respectively, the composition.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.807/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : MULTISTAGE METHOD FOR TREATING METAL SURFACES PRIOR TO DIP PAINTING

(51) International classification	:C23C 22/34	(71) Name of Applicant :
(31) Priority Document No	:10 2009 028 025.1	1)Henkel AG & Co. KGaA Address of Applicant :Henkelstrasse 67 D-40589 Düsseldorf Germany
(32) Priority Date	:27/07/2009	
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/060053	1)SCHMIDT Andreas 2)TEUBERT Nicole 3)CZIKA Franz-Adolf 4)CORNEN Sophie
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	

(57) Abstract :

The present invention relates to a multistage method for the corrosion-protective and adhesion-promoting treatment of metal surfaces comprising a first method step for passivating pretreatment using an acidic aqueous composition (A) containing water-soluble compounds of Zr and/or Ti and fluoride ions a subsequent method step for post-treatment using an aqueous composition (B) containing at least one organic compound having at least one aromatic heterocyclic compound wherein the aromatic heterocyclic compound has at least one nitrogen atom. The invention further relates to a metal surface treated according to the method according to the invention and the use of said treated metal surface for subsequent coating with an organic binding agent system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8074/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : BONDED FABRIC CONSTRUCTIONS WITH STRETCHABILITY

(51) International classification	:B32B27/12	(71) Name of Applicant :
(31) Priority Document No	:61/176,352	1)INVISTA TECHNOLOGIES S.A.R.L.
(32) Priority Date	:07/05/2009	Address of Applicant :ZWEIGNIEDERLASSUNG ST.
(33) Name of priority country	:U.S.A.	GALLEN, PESTALOZZISTRASSE 2, 9000 ST. GALLEN
(86) International Application No	:PCT/US2010/033962	Switzerland
Filing Date	:07/05/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/129828 A3	1)COVELLI, CARMEN, A.
(61) Patent of Addition to Application Number	:NA	2)FARMER, DOUGLAS, K.
Filing Date	:NA	3)HIETPAS, GEOFFREY, D.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Included are bonded laminate constructions that have a modulus which approaches the sum of the modulus of the individual components of the laminate. By reducing variation in the modulus, the stretch or elasticity of the bonded or laminated fabric or garment is maximized. The bonded laminates include a bonding component that may be an elastomeric film, an adhesive, or a combination of a film with adhesive.

No. of Pages : 45 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8075/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : REDUCING MEDICAL ERROR

(51) International classification	:G08B1/08	(71) Name of Applicant :
(31) Priority Document No	:61/212,217	1)SNIF LABS, INC.
(32) Priority Date	:08/04/2009	Address of Applicant :108 LINCOLN STREET, BOSTON, MASSACHUSETTS-02111 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/030411	1)GIPS, JONATHAN, PETER
Filing Date	:08/04/2010	2)LIANG, PHILIP, ANGUS
(87) International Publication No	:WO 2010/118242 A1	3)AYLWARD, RYAN, PATRICK
(61) Patent of Addition to Application Number	:NA	4)VALADE, AARON, DOUGLAS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method, apparatus, and system for reducing medical error may comprise receiving an enter signal including an enter status when a first worker device enters a zone. An exit signal including an exit status may be received when the first worker device exits the zone. Moreover an action signal including an action status may be received if an action device is actuated.

No. of Pages : 53 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.808/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROPELLABLE APPARATUS WITH PASSIVE SIZE CHANGING ABILITY

(51) International classification	:A61B 1/31	(71) Name of Applicant :
(31) Priority Document No	:NA	1)FUJIFILM Corporation
(32) Priority Date	:NA	Address of Applicant :26-30 Nishiazabu 2-chome Minato-ku Tokyo Japan
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:PCT/US2009/004376	1)ALLEN John J.
Filing Date	:29/07/2009	2)MEYER Randall A.
(87) International Publication No	: NA	3)CORNELIUS Richard
(61) Patent of Addition to Application Number	:NA	4)ZIEGLER Troy J.
Filing Date	:NA	5)SHERIDAN Timothy P.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus includes a self-enclosed tube sized and shaped to fit within and engage a human or animal body cavity the tube comprising an inner surface defining an enclosed region and an outer surface that turns outward to engage the body cavity and turns inward to encompass a central region defining a concentric longitudinal path wherein the tube is powerable to provide relativemovement of the tube relative to the cavity in at least one of a forward or reverse direction with respect to the longitudinal path and a compressible structure configured to bias the outer surface of the tube outward to engage the body cavity at a first outer diameter 10 the compressible structure being deformable inward in response to a compressive force to provide a second outer diameter that is less than the first outer diameter

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8109/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :04/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR CONTROLLING ADMISSION AND ASSIGNING RESOURCES TO DATA FLOWS, WITHOUT A PRIORI KNOWLEDGE, IN A VIRTUAL NETWORK

(51) International classification	:H04L12/56	(71) Name of Applicant : 1)ALCATEL LUCENT Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France
(31) Priority Document No	:09305394.0	
(32) Priority Date	:04/05/2009	
(33) Name of priority country	:EPO	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/055357	1)POPAT, DANIEL 2)CAROFIGLIO, GIOVANNA
Filing Date	:22/04/2010	
(87) International Publication No	:WO 2010/127948	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for controlling admission and assigning resource, without any a priori knowledge, in a network (1) virtualized so as to comprise one super virtual network (2) dedicated to the class with the strictest QoS constraints, and at least one other virtual network (3), comprising the steps of:- at arrival of a flow (6), determining a first path (9) over said super virtual network (2), - determining a QoS class of said flow (6) by analyzing the first N packets (11) of said flow (6), - transmitting said first N packets (11) of said flow (6) over said first path (9), - determining a second path (10) over a virtual network (3)dedicated to said determined QoS class of said flow (6), - transmitting the packets (12) of said flow (6), from the N+ 1th packet, over said second path (10).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/03/2011

(21) Application No.811/CHE/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SUB-SAMPLED OFDM BASED SUB-BAND WIDEBAND FOR ENERGY EFFICIENT UWB AND 60 GHZ COMMUNICATIONS

(51) International classification	:H04L	(71) Name of Applicant : 1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED Address of Applicant :Bagmane Lakeview Block B No. 66/1 Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore 560093 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)NAIR JINESH PARAMESHWARAN 2)SEN DEBARATI 3)JOS SUJIT 4)NANIYAT ARUN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method for Sub-sampled OFDM based Sub-band Wideband for Energy Efficient UWB and 60 GHz Communications is disclosed. The disclosed sub-sampled OFDM based SWB system offers as a means to mitigate the channel impairments with reduced complexity at the rate of the sub-band bandwidth. The method is applicable to wideband systems in general and UWB and 60 GHz systems in particular. An OFDM based transmission is used in each sub-band and along each sub-carrier, a spreading sequence is used. At the receiver the signal is sampled at the rate of the sub-band bandwidth and an OFDM demodulation is carried out at this rate. This induces flat fading channels on each sub-carrier with the aliased components and the unwanted sub-bands are rejected using the despreading process. Three different channel estimation methods are also disclosed. The method is proposed at the lower sampling rate and hence is of reduced complexity.

No. of Pages : 47 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.805/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : TRICYCLIC INHIBITORS OF JAK

(51) International classification	:C07D	(71) Name of Applicant :
(31) Priority Document No	:61/228,816	1)F. HOFFMANN-LA ROCHE AG
(32) Priority Date	:27/07/2009	Address of Applicant :124 Grenzacherstrasse CH-4070
(33) Name of priority country	:U.S.A.	Basel Switzerland
(86) International Application No	:PCT/EP2010/060684	(72) Name of Inventor :
Filing Date	:23/07/2010	1)BILLEDEAU Roland J
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the use of novel compounds of Formulae I-II wherein the variables R X1 X2 X3 Y1 Y2 Y3 Z1 and Z2 are defined as described herein which inhibit JAK and are useful for the treatment of auto-immune and inflammatory diseases.

No. of Pages : 56 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8082/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MANAGING CONGESTION IN A WIRELESS SYSTEM

(51) International classification	:H04W 28/02	(71) Name of Applicant :
(31) Priority Document No	:61/177,531	1)QUALCOMM Incorporated
(32) Priority Date	:12/05/2009	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2010/033689	U.S.A.
Filing Date	:05/05/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)REZAIIFAR Ramin
(61) Patent of Addition to Application Number	:NA	2)TINNAKORNSRISUPHAP Peerapol
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methodologies are described herein that facilitate congestion control in a wireless communication system. As described herein an access network and associated terminals can utilize a token bucket access control mechanism through which respective terminals can be allotted access tokens and/or other units for access to the access network. For example upon requesting access to a given network a user of the network can determine whether sufficient access tokens have been accumulated based on which the request can be selectively allowed or denied. As further described herein multiple token bucket mechanisms can be utilized which can correspond to respective packet flows or the like. Additionally token bucket access control can be implemented as described herein in cooperation with conventional access persistence functionality. Further aspects described herein facilitate the adjustment of token bucket parameters for network access control based on network loading.

No. of Pages : 55 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8084/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYNCHRONOUS MULTI-CHANNEL TRANSMISSIONS IN WIRELESS LOCAL AREA NETWORKS

(51) International classification	:H04W 72/04
(31) Priority Document No	:61/176,849
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033665
Filing Date	:05/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM Incorporated

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5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)SAMPATH Hemanth

2)VERMANI Sameer

3)ABRAHAM Santosh P.

(57) Abstract :

Certain aspects of the present disclosure relate to a method for synchronous multi-channel transmissions in wireless local area networks. An access point can change allocation of its transmit and receive chains across multiple frequency bands ensuring that both uplink and downlink transmissions are properly performed for each station in a wireless system.

No. of Pages : 36 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.809/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : ELECTRONIC COMPONENT AND CORRESPONDING PRODUCTION METHOD

(51) International classification	:H01C 1/14	(71) Name of Applicant : 1)Isabellenhütte Heusler GmbH & Co. KG Address of Applicant :Eibacher Weg 3-5 35683 Dillenburg
(31) Priority Document No	:10 2009 031 408.3	Germany
(32) Priority Date	:01/07/2009	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)HETZLER Ullrich
(86) International Application No	:PCT/EP2010/003621	
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	

(57) Abstract :

The invention relates to an electronic component (1) in particular a low-ohm current-sense resistor comprising at least one plate-shaped section (2 3) and at least one terminal (7 8) to electrically contact the plate-shaped section (2 3). According to the invention the terminals (7 8) for measuring the voltage drop created by the current flow are formed by means of stamping and thread-shaping in the plate-shaped sections (2 3).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.810/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESS FOR SEPARATING AND RECOVERING C4 DICARBOXYLIC ACIDS

(51) International classification	:C12P 7/46
(31) Priority Document No	:61/222,317
(32) Priority Date	:01/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040616
Filing Date	:30/06/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)JUMP Joseph

2)BROWN Stephen

(57) Abstract :

The present invention relates to processes for separating and recovering the C4 dicarboxylic acid comprising: (a) subjecting an aqueous solution comprising a salt of the C4 dicarboxylic acid to concentrating electrodialysis to concentrate the salt of the C4 dicarboxylic acid in the aqueous solution; and (b) subjecting the resulting concentrate to bipolar membrane electrodialysis to convert the salt of the C4 dicarboxylic acid into the free acid of the C4 dicarboxylic acid.

No. of Pages : 40 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.812/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEMS METHODS AND APPARATUSES FOR CIPHERING ERROR DETECTION AND RECOVERY

(51) International classification	:H04L 29/06	(71) Name of Applicant : 1)NOKIA CORPORATION Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland
(31) Priority Document No	:12/494,957	
(32) Priority Date	:30/06/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/FI2010/050509	(72) Name of Inventor : 1)Keiichi Kubota
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	

(57) Abstract :

Systems, methods, and apparatuses are provided for ciphering error detection and recovery. A method may include using a first set of one or more cipher input parameters to decipher ciphered data ciphered using a second set of one or more cipher input parameters. The method may further include comparing a value of at least a portion of the deciphered data to an expected value. The method may additionally include determining an occurrence of a ciphering error when the value of the at least a portion of the deciphered data is not equal to the expected value. The method may also include initiating a ciphering resynchronization procedure in response to the determination that a ciphering error occurred so as to resynchronize at least one of the first set of cipher input parameters with at least one of the second set of cipher input parameters. Corresponding systems and apparatuses are also provided.

No. of Pages : 35 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/11/2011

(21) Application No.8120/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : LOAD SHARING METHOD&NBSP; DEVICE&NBSP; AND SYSTEM

(51) International classification	:H04W 28/08	(71) Name of Applicant :
(31) Priority Document No	:200910082554.X	1)Huawei Technologies Co. Ltd.
(32) Priority Date	:23/04/2009	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang District Shenzhen Guangdong 518129 P.R.
(86) International Application No	:PCT/CN2010/072095	China.
Filing Date	:23/04/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)GAO Lingling
(61) Patent of Addition to Application Number	:NA	2)LI Jianbo
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A load sharing method, device, and system are provided in embodiments of the present invention. A method includes: obtaining a current load value; if the current load value exceeds a preset load threshold value, interacting with middle base stations in an MME of a requesting base station through load state signaling, and selecting a sharing base station; transmitting information of a shared load that needs to be balanced to the selected sharing base station; and balancing the shared load, by the sharing base station, according to baseband resource prepared based on information of the shared load. In the embodiments of the present invention, if the requesting base station detects that the load is heavy, the requesting base station selects a sharing base station from the base station pool configured in the same MME, and balances the load to be balanced to the sharing base station. For a UE whose service is shared, the UE can use the radio frequency resource of a heavy-load base station and baseband resource of other light-load base stations, thereby implementing baseband resource sharing among base stations, balancing the load among base stations, and improving the usage rate of radio baseband resource.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8121/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : CONFIGURING VIRTUAL NOISEPARAMETERS OF VERY HIGH-SPEED DIGITAL SUBSCRIBER LINE

(51) International classification	:H04M 11/00
(31) Priority Document No	:61/167,002
(32) Priority Date	:06/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CN2010/071565
Filing Date	:06/04/2010
(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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Bantian Longgang District Shenzhen Guangdong 518129 P.R.
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(72)Name of Inventor :

1)WEI Dong

2)LIU Lihe

(57) Abstract :

An apparatus comprising a transmitter configured to transmit a digital subscriber line (DSL) signal in a line from a plurality of subscriber lines according to a reference virtual noise power spectral density (PSD) wherein the reference virtual noise PSD is based on an upper bound for a worst-case far-end crosstalk (FEXT) PSD in the subscriber lines. Also included is an apparatus comprising at least one processor configured to implement a method comprising obtaining an upper bound for a worst-case FEXT PSD for a plurality of subscriber lines obtaining a referred virtual noise PSD based on the worst-case FEXT PSD for the lines and determining a bit-loading for the lines based on the referred virtual noise or a scaled version of the receiver-referred virtual noise.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8145/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS TO ESTABLISH TRUST AND SECURE CONNECTION VIA A MUTUALLY TRUSTED INTERMEDIARY

(51) International classification	:H04W12/02
(31) Priority Document No	:61/176,049
(32) Priority Date	:06/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033946
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/129823 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :ATTN: INTERNATIONAL IP
ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
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(72)Name of Inventor :

1)MAO YINIAN

2)TINNAKORN SRISUPHA P PEERAPOL

3)PALANIGOUNDER ANAND

4)WANG JUN

(57) Abstract :

Systems and methods for establishing secure communications between two network elements through a trusted intermediary when no direct communication path is available. Separate secure communication links are established between the network elements and the trusted intermediary to facilitate secure end to end communication.

No. of Pages : 60 No. of Claims : 80

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8146/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : GENERATING AND EXCHANGING MEASUREMENT INFORMATION FOR COVERAGE OPTIMIZATION IN WIRELESS NETWORKS

(51) International classification	:H04W24/02	(71)Name of Applicant :
(31) Priority Document No	:61/176,644	1)QUALCOMM INCORPORATED
(32) Priority Date	:08/05/2009	Address of Applicant :ATTN: INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/034137	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:07/05/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2010/129933 A1	1)CATOVIC AMER
(61) Patent of Addition to Application Number	:NA	2)DE ANGELIS FLAVIO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The subject specification is directed towards generating and exchanging information for coverage optimization in wireless networks. Aspects are disclosed for facilitating a distributed coverage optimization. A communication is established with at least one external entity, and a coverage-related measurement is received from the at least one external entity. A coverage parameter is then self-optimized as a function of the coverage-related measurement.

No. of Pages : 50 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8147/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR GENERATING CIPHER KEY DURING SWITCHING

(51) International classification	:H04W12/04	(71) Name of Applicant :
(31) Priority Document No	:200910203765.4	1)ZTE CORPORATION
(32) Priority Date	:12/06/2009	Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN SHENZHEN, GUANGDONG 518057 China
(33) Name of priority country	:China	(72) Name of Inventor :
(86) International Application No	:PCT/CN2010/072727	1)XIAOCHUN BAI
Filing Date	:13/05/2010	2)XUWU ZHANG
(87) International Publication No	:WO 2010/142185 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a method and a system for generating a key in a handover process, wherein the method comprises the following steps of: according to an evolved Node-B (eNB) (102) of a User Equipment (UE) (101), i.e. a source eNB, a mobility management entity (MME) (103) learning all adjacent eNBs of the source eNB (S130), and generating keys for the source eNB and each of the adjacent eNBs respectively (S140), encrypting the keys with a corresponding eNB public key respectively to obtain cipher texts (S150), and sending all cipher texts, keys and eNB identifiers to the UE (S160); in a handover process of the UE, a target eNB obtaining a cipher text corresponding to the target eNB from the UE and decrypting the cipher text with its own private key to obtain the key (S260). The present invention solves the problem in the existing method that the source eNB can know the key of the next hop UE, and the key generating method in the handover process is simplified by completing handover data preparation when the UE is in a non-handover state, and the MME does not need to participate in the handover process, thus improving the radio performance during the handover process.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8148/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR PROVIDING A MULTI-CORE ARCHITECTURE FOR AN INTERNET PROTOCOL ACCELERATION APPLIANCE

(51) International classification	:H04L12/56
(31) Priority Document No	:61/175,733
(32) Priority Date	:05/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033496
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/129516 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 :851 WEST CYPRESS CREEK
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(72)**Name of Inventor :**

1)MIRANI, RAJIV

2)SINHA, RAJIV

3)CHAUHAN, ABHISHEK

4)SHETTY, ANIL

(57) Abstract :

The present solution is related to a method for distributing flows of network traffic across a plurality of packet processing engines executing on a corresponding core of a multi-core device. The method includes receiving, by a multi-core device intermediary to clients and servers, a packet of a first flow of network traffic between a client and server. The method also includes assigning, by a flow distributor of the multi-core device, the first flow of network traffic to a first core executing a packet processing engine and distributing the packet to this core. The flow distributor may distribute packets of another or second flow of traffic between another client and server to a second core executing a second packet processing engine. When a packet for the flow of traffic assigned to the first core is received, such as a third packet, the flow distributor distributes this packet to the first core.

No. of Pages : 83 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8155/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : COMPOSITIONS

(51) International classification	:A61Q11/00
(31) Priority Document No	:0907925.2
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/056329
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/128164
	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)BRADSHAW, DAVID, JONATHAN

2)CAWKILL, PAULA, MARIA

3)DOWNEY, ROY

4)KEHAYA, LINDA

5)BEHAN, JOHN, MARTIN

(57) Abstract :

An oral care composition comprising at least one polyvalent metal ion salt and at least one of maltol (M), ethyl maltol (E), and cyclotene (C) such that the concentration (in ppm by weight of the total oral care composition) of maltol (M), ethyl maltol (E), and cyclotene (C) meet the criterion $(M/50+E/50+C/250) \leq 1$. The compositions have reduced astringency.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8165/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : MULTI-MODE MULTI-BAND POWER AMPLIFIER MODULE

(51) International classification	:H04B1/04	(71)Name of Applicant :
(31) Priority Document No	:61/177,527	1)QUALCOMM INCORPORATED
(32) Priority Date	:12/05/2009	Address of Applicant :INTERNATIONAL IP ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2010/034621	1)ARISTOTELE HADJICHRISTOS
Filing Date	:12/05/2010	2)PUAY HOE SEE
(87) International Publication No	:WO 2010/132618 A1	3)BABAK NEJATI
(61) Patent of Addition to Application Number	:NA	4)GUY KLEMENS
Filing Date	:NA	5)NORMAN, L. FREDERICK
(62) Divisional to Application Number	:NA	6)GURKANWAL, SINGH SAHOTA
Filing Date	:NA	7)MARCO CASSIA
		8)NATHAN, M. PLETCHER
		9)YU ZHAO
		10)THOMAS A. MYERS

(57) Abstract :

A multi-mode multi-band power amplifier (PA) module is described. In an exemplary design, the PA module includes multiple power amplifiers, multiple matching circuits, and a set of switches. Each power amplifier provides power amplification for its input signal when selected. Each matching circuit provides impedance matching and filtering for its power amplifier and provides a respective output signal. The switches configure the power amplifiers to support multiple modes, with each mode being for a particular radio technology. Each power amplifier supports at least two modes. The PA module may further include a driver amplifier and an additional matching circuit. The driver amplifier amplifies an input signal and provides an amplified signal to the power amplifiers. The additional matching circuit combines the outputs of other matching circuits and provides an output signal with higher output power. The driver amplifier and the power amplifiers can support multiple output power levels.

No. of Pages : 39 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8169/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM, METHOD AND CLIENT FOR JOINING IN GROUP

(51) International classification	:H04L12/58
(31) Priority Document No	:200910038580.2
(32) Priority Date	:13/04/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/071558
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/118664 A1
(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 :ROOM 403, EAST BLOCK 2, SEG PARK, ZHENXING ROAD, FUTIAN DISTRICT,SHENZHEN CITY 518044, GUANGDONG PROVINCE, PRC China

(72)Name of Inventor :

1)LI, JIANZHEN

(57) Abstract :

The present invention provides a system, method and client for joining in a group, including: a group server receiving a recommendation request for joining in a group, and adding to the group the user being recommended to be added to the group according to the recommendation request. Adopting the system, method and client for joining in a group provided by the present invention, the user's opearation can be facilitated, thereby the user's experiences are improved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8176/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SOLAR ENERGY TRANSFER AND STORAGE APPARATUS

(51) International classification	:F24J 2/10	(71) Name of Applicant : 1)CARDING SPECIALISTS (CANADA) LIMITED Address of Applicant :ROYD LODGE, LAWRENCE ROAD, HALIFAX, WEST YORKSHIRE HX3 0LH U.K.
(31) Priority Document No	:0906173.0	
(32) Priority Date	:09/04/2009	
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/GB2010/050536	(72) Name of Inventor : 1)VARGA, JOHN
Filing Date	:30/03/2010	
(87) International Publication No	:WO 2010/116162 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Apparatus to collect solar radiation using a series of lenses or mirrors that concentrate the solar energy onto targets. A gaseous working fluid flowing through the targets is heated and optionally supplied to a heat store having an internal walled labyrinth of a suitable material to store heat energy. A heat exchanger, turbine and electricity generator are coupled to the collection and storage apparatus so as to provide a power plant for the conversion of solar energy to electricity.

No. of Pages : 28 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8132/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :05/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD&NBSP; APPARATUS&NBSP; AND SYSTEM FOR PROCESSING RADIO LINK FAILURE

(51) International classification	:H04W 56/00	(71) Name of Applicant :
(31) Priority Document No	:PCT/CN2009/071411	1)Huawei Technologies Co. Ltd.
(32) Priority Date	:22/04/2009	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang District Shenzhen Guangdong 518129 P.R.
(86) International Application No	:PCT/CN2010/071781	China.
Filing Date	:15/04/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)CHEN Dong
(61) Patent of Addition to Application Number	:NA	2)MA Jie
Filing Date	:NA	3)WANG Shukun
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A radio link failure processing method includes: when a User Equipment (UE) performs communication with a network side via at least two carrier frequencies if at least one carrier frequency occurs downlink Radio Link Failure (RLF) determining whether the carrier frequency which does not occur downlink RLF is contained; if yes sending a message carrying the information of frequency and/or cell with the network side via a Dedicated Control Channel (DCCH) of the carrier frequency which does not occur radio link failure or stopping uplink Dedicated Physical Control Channel (DPCCCH) sending over on the carrier frequency with the occurrence of downlink RLF. The embodiments of the present invention also disclose a radio link failure processing device and system. The invention is applicable for processing the radio link failure in the multi-carrier frequency Wide Code Division Multiple Access (WCDMA) and other systems.

No. of Pages : 51 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/11/2011

(21) Application No.8134/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : FIXED DOSE DRUG COMBINATION FORMULATIONS

		<p>(71) Name of Applicant : 1)DR. REDDYS LABORATORIES LTD Address of Applicant :7-1-27 Ameerpet Hyderabad 500 016 Andhra Pradesh India 2)DR. REDDYS LABORATORIES INC.</p> <p>(72) Name of Inventor : 1)SASMAL Badal Kumar 2)BILLA Praveen Reddy 3)NASARE Vijay Dinanathji 4)MOHAN Mailatur Sivaraman 5)JAYANTHI Suryakumar 6)DUBEY Rajesh 7)AVVARU Seshasayana 8)SATTI Phanikumar Reddy 9)MANAS Ranjan Mund 10)CHIDIPOTHU Anitha 11)JAIN Varun</p>
(51) International classification	:A61K 9/20	
(31) Priority Document No	:1015/CHE/2009	
(32) Priority Date	:30/04/2009	
(33) Name of priority country	:India	
(86) International Application No	:PCT/US2010/033097	
Filing Date	:30/04/2010	
(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	

(57) Abstract :

Pharmaceutical formulations comprising multiple drugs for treating or preventing cardiovascular disease. Embodiments are capsules containing individual drugs or combinations of drugs in the form of small tablets.

No. of Pages : 44 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8135/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :07/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MEASUREMENT OF CURING ENERGY DELIVERED DURING SIMULATED DENTAL RESTORATIONS

(51) International classification	:G09B 9/00
(31) Priority Document No	:61/168,039
(32) Priority Date	:09/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000499
Filing Date	:08/04/2010
(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)DALHOUSIE UNIVERSITY

Address of Applicant :1344 Summer St. Suite 207 Halifax
Nova Scotia B3H 4R2 Canada

(72)Name of Inventor :

1)Richard PRICE

(57) Abstract :

A system and method for real-time measurement of curing energy delivered to a simulated dental restoration from a source of curing energy. The system comprises a detector and a display. The detector measures at a location within the simulated dental restoration the amount of curing energy delivered by the curing energy source. The display displays the measured amount of curing energy in real-time. The system also comprises a temperature detector to measure temperature changes in the oral tissues during curing (teeth and gums). The system also comprises a video camera to record the operator™s curing technique.

No. of Pages : 55 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.8138/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : KEY DERIVATION METHOD&NBSP; DEVICE&NBSP; AND SYSTEM

(51) International classification	:H04W 12/04	(71) Name of Applicant :
(31) Priority Document No	:200910148423.7	1)Huawei Technologies Co. Ltd.
(32) Priority Date	:26/06/2009	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang District Shenzhen Guangdong 518129 P.R.
(86) International Application No	:PCT/CN2010/074559	China.
Filing Date	:26/06/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)ZHANG Aiqin
(61) Patent of Addition to Application Number	:NA	2)CHEN Jing
Filing Date	:NA	3)BI Xiaoyu
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A key derivation method, device, and system are provided in the field of mobile communications technologies. The key derivation method is applicable to a handover process of a User Equipment (UE) from an Evolved Universal Terrestrial Radio Access Network (EUTRAN) to a Universal Terrestrial Radio Access Network (UTRAN). From the failure of a first handover to a second handover, it is guaranteed that the key derived on a source Mobility Management Entity (MME) in the first handover process of the UE is different from the key derived on the MME in the second handover process of the UE by changing input parameters used in the key derivation, such as by generating a random value, changing a current Non-Access Stratum (NAS) downlink COUNT value, and obtaining a fresh value of the UE, so as to prevent the situation in the prior art that once the key used on one Radio Network Controller (RNC) is obtained, the keys on other RNCs can be derived accordingly, thereby enhancing the network security.

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8140/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEMS&NBSP; METHODS AND APPARATUSES FOR MEDIA FILE STREAMING

(51) International classification	:H04L 29/06	(71) Name of Applicant : 1)NOKIA CORPORATION Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland
(31) Priority Document No	:61/168,195	
(32) Priority Date	:09/04/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/IB2010/000775	(72) Name of Inventor : 1)Imed Bouazizi
Filing Date	:08/04/2010	
(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	

(57) Abstract :
Attached

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8180/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : CLEAR MAGNETIC INTAGLIO RINTING I K•

(51) International classification	:C09D 11/02	(71) Name of Applicant :
(31) Priority Document No	:PCT/IB2009/005227	1)SICPA HOLDING SA Address of Applicant :Avenue de Florissant 41 1008 Prilly Switzerland
(32) Priority Date	:09/04/2009	2)BANK OF CANADA
(33) Name of priority country	:PCT	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/054716	1)KRUEGER Jessica
Filing Date	:09/04/2010	2)DEGOTT Pierre
(87) International Publication No	: NA	3)DESPLAND Claude-Alain
(61) Patent of Addition to Application Number	:NA	4)REINHARD Christine
Filing Date	:NA	5)FIRTH Andrea V.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses an ink for the engraved steel die printing process having a viscosity at 40°C between 3 Pa.s to 15 Pa.s preferably 5 to 10 Pa.s and comprising a polymeric organic binder and magnetic pigment particle characterized in that said magnetic pigment particles comprises a magnetic core material which is surrounded by at least one layer of another material. The surrounding layers single or in combination confer the pigment particle particular optical properties in the visible and/or in the near IR chosen from high specular or diffuse reflectance spectrally selective absorption or reflection and angle-dependent absorption or reflection and allow for the formulation of inks having a large gamut of color and other optical functionalities.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8181/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : MONITOR-BASED INFUSION SITE MONITOR

(51) International classification	:G06F 19/00
(31) Priority Document No	:61/175,545
(32) Priority Date	:05/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033793
Filing Date	:05/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CAREFUSION 303 INC.

Address of Applicant :3750 Torrey View Court San Diego California 92130 U.S.A.

(72)Name of Inventor :

1)ROBERT D. BUTTERFIELD

2)BRIAN STOCK

3)MELISSA STRAIT

4)HARRY DUDLEY

5)STEPHEN ROSENTHAL

(57) Abstract :

A medication delivery monitoring device is disclosed. The device includes a user interface configured to receive input information and a sensor configured to measure a plurality of fluid state parameters of a fluid delivery channel through which the medication is delivered by a vascular access device (VAD) to an infusion site region of the patient. The device also includes a processor configured to determine a state of the infusion site region based on the plurality of measured fluid state parameters and the input information and an output device configured to provide a communication regarding the state of the infusion site region. Methods and computer-readable mediums for monitoring medication delivery are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8183/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : CORTICAL STIMULATOR METHOD AND APPARATUS

(51) International classification	:A61N 1/00	(71) Name of Applicant :
(31) Priority Document No	:61/172,372	1)CAREFUSION 2200 INC.
(32) Priority Date	:24/04/2009	Address of Applicant :3750 Torrey View Court San Diego California 92130 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/032214	1)DANIEL LOMBARDI
Filing Date	:23/04/2010	2)LINDA QUINLIVAN
(87) International Publication No	: NA	3)BJORN NELSON
(61) Patent of Addition to Application Number	:NA	4)ERIC GARZ
Filing Date	:NA	5)RON SCHLUTERq
(62) Divisional to Application Number	:NA	6)LUCAS GARSHA
Filing Date	:NA	

(57) Abstract :

A cortical stimulator system is provided. The system may include; a stimulation device having a switch configured to selectively control various electrodes; and a user interface device operatively connected to the stimulation device for controlling the electronic switch and stimulation device the cortical stimulator system configured to provide a report of provided stimulation. A method of operating a cortical stimulator may be provided. The method may include: connecting a set of probes to the cortical stimulator selecting parameters regarding a signal to be sent to the set of probes sending a signal to the set of probes; observing the response of a subject having the set of probes contacting the subjects brain when the signal is sent to the probes entering the observed response into the cortical stimulator associating the response to a specific set of probes and generating a report describing the response and associated probes.

No. of Pages : 34 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8184/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : INHIBITORS OF SIALIDASE OR SIALIDASE-LIKE ENZYMES•

(51) International classification	:C07D 309/30
(31) Priority Document No	:61/213,070
(32) Priority Date	:04/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CA2010/000680 :04/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)NATIONAL RESEARCH COUNCIL OF CANADA

Address of Applicant :1200 Montreal Road Ottawa Ontario
K1A 0R6 Canada

(72)Name of Inventor :

1)SCHOENHOFEN Ian C.

2)WHITFIELD Dennis M.

3)LOGAN Susan M.

(57) Abstract :

The present invention describes compounds of Formula I I or a pharmaceutically acceptable salts or derivatives thereof. Compositions comprising compounds of Formula I are also described. The present invention further relates to a method of producing non-2-enonate compounds.

No. of Pages : 50 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8185/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : UPLINK SYNCHRONIZATION METHOD AND APPARATUS

(51) International classification	:H04B 7/26	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Huawei Technologies Co. Ltd.
(32) Priority Date	:NA	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:NA	Bantian Longgang District Shenzhen Guangdong 518129 P.R.
(86) International Application No	:PCT/CN2009/071439	China.
Filing Date	:24/04/2009	(72) Name of Inventor :
(87) International Publication No	: NA	1)WAN Lei
(61) Patent of Addition to Application Number	:NA	2)LV Yongxia
Filing Date	:NA	3)HOU Yunzhe
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The embodiment of the present invention provides an uplink synchronization method and apparatus wherein the method includes: according to the timing advance of the first frequency point obtaining the timing advance of the second frequency point; sending data at the uplink sending time corresponding to the timing advance of the second frequency point. The apparatus includes: first obtaining module for obtaining the timing advance of the second frequency point according to the timing advance of the first frequency point; sending module for sending data at the uplink sending time corresponding to the timing advance of the second frequency point. The embodiment of the present invention can obtain the timing advance TA of the second frequency point according to the timing advance TA of the first frequency point and it need not to execute the random access channel RACH access process at the second frequency point ...

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8141/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : GUIDEWIRE SUPPORT SYSTEM AND GUIDEWIRE•

(51) International classification	:A61M 25/00	(71) Name of Applicant : 1)IMDS R&D BV Address of Applicant :Onnerweg 12 NL-9751 VD Haren The NETHERLANDS
(31) Priority Document No	:09158769.1	
(32) Priority Date	:24/04/2009	
(33) Name of priority country	:EPO	
(86) Internatio al Application No	:PCT/NL2010/050233	(72) Name of Inventor : 1)SCHULTING Edwin Alexander
Filing Date	:26/04/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A guidewire system for insertion into a vascular system of a human or an animal so as to form a guide for guiding a catheter to a predetermined position. The system comprises a support catheter (5; 105) bounding a lumen (6; 106) for receiving at least a portion of the guidewire (3; 53; 103). The support catheter (5; 105) comprises a guidewire engagement structure (8; 108) for engaging the guidewire (3; 53; 103) inside the lumen (6; 106). The engagement structure in engaged condition causes the guidewire (3; 53; 103) and the support catheter (5; 105) to be held mutually positioned at least in longitudinal direction thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8143/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SOLID FORMULATIONS OF PROSTACYCLIN ANALOGS•

(51) International classification	:A01N 37/08	(71) Name of Applicant : 1)UNITED THERAPEUTICS CORPORATION Address of Applicant :1040 Spring Street Silver Spring Maryland 20910 U.S.A.
(31) Priority Document No	:61/176,268	
(32) Priority Date	:07/05/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/033852	
Filing Date	:06/05/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Moderate moisture levels such as greater than 3% but no greater than 7% may be beneficial for solid formulations of certain prostacyclin analogs. Accordingly a solid formulation containing a prostacyclin analog may be packaged inside a pharmaceutical packaging with such amount of a desiccant or a drying agent that after the storage the solid formulation may have a moderate level of moisture in it.

No. of Pages : 29 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8144/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : APPARATUS AND METHOD FOR OVER THE AIR PROVISIONING OF SECURITY CREDENTIALS BETWEEN TWO ACCESS SYSTEMS

(51) International classification	:H04W12/04	(71)Name of Applicant :
(31) Priority Document No	:61/177,132	1)QUALCOMM INCORPORATED
(32) Priority Date	:11/05/2009	Address of Applicant :ATTN: INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/034443	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:11/05/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2010/132499 A3	1)PALANIGOUNDER ANAND
(61) Patent of Addition to Application Number	:NA	2)NASIELSKI JOHN WALLACE
Filing Date	:NA	3)ROSE GREGORY GORDON
(62) Divisional to Application Number	:NA	4)YOON YOUNG CHEUL
Filing Date	:NA	

(57) Abstract :

A method and apparatus for over-the-air provisioning of authentication credentials at an access device via a first access system, wherein the authentication credentials are for a second access system lacking an over-the-air provisioning procedure. For example, the second access system may be a 3GPP system using AKA authentication methods. The first access system may be CDMA, using an OTASP or IOTA procedure. Provisioning the authentication credentials may include provisioning any of a 3GPP AKA authentication root key (K), AKA authentication related parameters, an AKA authentication algorithm to be used in the 3GPP authentication, or authentication algorithm customization parameters.

No. of Pages : 77 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8190/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD&NBSP; APPARATUS&NBSP; AND SYSTEM FOR FEEDBACK CONTROL OF COHERENT RECEIVER

(51) International classification	:H04B 10/00
(31) Priority Document No	:200910084418.4
(32) Priority Date	:14/05/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/070184
Filing Date	:14/01/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Huawei Technologies Co. Ltd.

Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129 P.R.
China.

(72)Name of Inventor :

1)ZHAO Chan

2)WAN Wentong

(57) Abstract :

A method, an apparatus, and a system for feedback control of a coherent receiver are provided. The method for feedback control of the coherent receiver includes: obtaining a feedback control quantity according to a digital signal converted by an Analog-to-Digital Converter (ADC); and adjusting a signal amplitude output by a Transimpedance Amplifier (TIA) and a direct current component of an offset T device according to the feedback control quantity, until an analog signal input into the ADC is in a sampling range of the ADC, where the TIA is serially connected to the offset T device and then is connected to the ADC. Through the method, the apparatus, and the system for feedback control of the coherent receiver, the signal amplitude output by the TIA and the direct current component of the offset T device are adjusted according to the obtained feedback control quantity, so as to adjust an amplitude of the analog signal before ADC sampling and enable the analog signal to adapt to the ADC sampling best, maximize an effective information quantity sampled by the ADC and better support subsequent processing of a Digital Signal Processing (DSP) unit, thereby improving a coherent receiving performance.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8186/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

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

(51) International classification	:H04W 52/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Huawei Technologies Co. Ltd.
(32) Priority Date	:NA	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:NA	Bantian Longgang District Shenzhen Guangdong 518129 P.R.
(86) International Application No	:PCT/CN2009/071484	China.
Filing Date	:27/04/2009	(72) Name of Inventor :
(87) International Publication No	: NA	1)YANG Bo
(61) Patent of Addition to Application Number	:NA	2)HE Chuanfeng
Filing Date	:NA	3)MA Xueli
(62) Divisional to Application Number	:NA	4)WANG Zongjie
Filing Date	:NA	5)LI Jing
		6)MA Jie

(57) Abstract :

A power control method and apparatus used for user equipment (UE) transmission power control in multi-carrier mode wherein the method comprises: when the UE transmits data via multiple carriers a transmission power of the user device is calculated; when the transmission power of the user device exceeds a predetermined maximum transmission power the power of each carrier is asynchronously compressed according to attribute parameters of same or is synchronously compressed according to a compression ratio. A power control apparatus is provided too.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8187/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : A PAGING METHOD&NBSP; LOCATION UPDATE METHOD AND DEVICE

(51) International classification	:H04W 4/06	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Huawei Technologies Co. Ltd.
(32) Priority Date	:NA	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:NA	Bantian Longgang District Shenzhen Guangdong 518129 P.R.
(86) International Application No	:PCT/CN2009/071541	China.
Filing Date	:28/04/2009	(72) Name of Inventor :
(87) International Publication No	: NA	1)ZHANG Tao
(61) Patent of Addition to Application Number	:NA	2)LIN Bo
Filing Date	:NA	3)XIONG Xin
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A paging method that can reduce signaling overhead during system paging and save system paging resources. The method includes: a base station receives a paging message which carries a tracking area (TA) identification; if the TA identification in the paging message is the TA identification of the base station the base station pages terminals; and if the TA identification in the paging message is the TA identification of a relay station managed by the base station the base station instructs the relay station to page the terminals. Also disclosed is a location update method which can reduce signaling load caused by location updating. The method includes: the relay station generates a system message which includes the TA identification of the relay station; the relay station broadcasts the system message ...

No. of Pages : 29 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8189/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND NODE DEVICE FOR NEGOTIATING ASSOCIATED CHANNEL CAPABILITY BETWEEN NODES

(51) International classification	:H04L 29/06
(31) Priority Document No	:200910136238.6
(32) Priority Date	:29/04/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/070899
Filing Date	:07/03/2010
(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

(71)Name of Applicant :

1)Huawei Technologies Co. Ltd.

Address of Applicant :Huawei Administration Building
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China.

(72)Name of Inventor :

1)GUO Xinchun

(57) Abstract :

The present invention pertains to the field of communications and discloses a node associated channel capability negotiation method and a node equipment wherein the node associated channel negotiation method comprises: receiving a Path message sent by the upstream node which carries the node associated channel capability of the upstream node; establishing a new Path message and sending it to the downstream node the newly established Path message containing the associated channel capability of the upstream node; receiving the Resv (Reservation) message sent by the downstream node which carries the node associated channel capability of the downstream node; establishing a new Resv message and sending it to the upstream node the newly established Resv message containing the associated channel capability of the downstream node.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESSING OF AN ELECTRICAL OUTPUT SIGNAL FROM A LOUDSPEAKER

(51) International classification	:H04R 1/10	(71) Name of Applicant :
(31) Priority Document No	:12/494,707	1)NOKIA CORPORATION
(32) Priority Date	:30/06/2009	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(33) Name of priority country	:U.S.A.	Finland
(86) International Application No	:PCT/FI2010/050151	(72) Name of Inventor :
Filing Date	:26/02/2010	1)Shengrong Shi
(87) International Publication No	: NA	2)Changjian Zhang
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus, method and a computer program are provided. The apparatus is configured to process an electrical output signal from a loudspeaker to detect a user input signal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8210/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : POLYMERS FOR INCREASING THE SOIL MOBILITY OF SPARINGLY SOLUBLE INSECTICIDES

(51) International classification	:A01N 25/30
(31) Priority Document No	:61/177,030
(32) Priority Date	:11/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/056348
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/130680
	A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056, LUDWIGSHAFEN Germany

(72)Name of Inventor :

1)ISHAQUE, MICHAEL

2)JUNG, MARC RUDOLF

3)TURK, HOLGER

4)SCHRODER-GRIMONPONT, TINA

5)REINHARD, KLAUS

6)SCHNABEL, GERHARD

7)KLEIN, CLARK, D.

8)HOLT, THOMAS, J.

9)MASCIANICA, MARTIN P.

(57) Abstract :

What is described is use of a polymeric solubilizer for increasing the soil mobility of a sparingly soluble insecticide, said polymeric solubilizer having the property that the active insecticidal ingredient in a 1% by weight aqueous solution of the polymeric solubilizer at 25°C and 1.01325 bar has a solubility at least forty times higher than under the same conditions in pure water, and wherein the active ingredient:solubilizer weight ratio is £ 1.

No. of Pages : 77 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8193/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : ESTABLISHMENT OF ELECTRODES IN A LIQUID

(51) International classification	:C02F1/48
(31) Priority Document No	:GB0906271.2
(32) Priority Date	:09/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050595
Filing Date	:07/04/2010
(87) International Publication No	:WO 2010/116180 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)HYDROPATH HOLDINGS LIMITED

Address of Applicant :2ND FLOOR MANFIELD HOUSE, I
SOUTHAMPTON STREET, LONDON WC2R OLR. U.K.

(72)Name of Inventor :

1)STEFANINI, DANIEL

(57) Abstract :

A method, and apparatus, wherein an effect of establishing electrodes in a region of a liquid is achieved by providing a core of magnetically-conductive material around a lateral wall containing the region of the liquid, the core of magnetically conductive material passing through a primary coil energised by an electrical signal, and wherein respective parts of the region of the liquid on opposite sides of the magnetically conductive core are connected by a passage containing the liquid, the passage and liquid affording a selected electrical resistance.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.823/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : UPLINK POWER CONTROL N MIMO COMMUNICATION SYSTEM

(51) International classification	:H04W 52/42
(31) Priority Document No	:61/231,289
(32) Priority Date	:04/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044462
Filing Date	:04/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
U.S.A.

(72)Name of Inventor :

1)LUO Xiliang

2)CHEN Wanshi

3)MONTOJO Juan

(57) Abstract :

In a wireless communication network that performs Multiple Input Multiple Output (MIMO) communication uplink power control signals are provided to a user equipment (UE) via a base station signaled power allocation scheme responsive to a determination of whether or not the uplink transmission is in a interference limited condition relative to a neighboring cell.

No. of Pages : 75 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.824/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 03/05/2013

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

(51) International classification	:H04W 36/08
(31) Priority Document No	:200910055821.4
(32) Priority Date	:29/07/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/075182
Filing Date	:15/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Huawei Technologies Co. Ltd.

Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129 P.R.
China.

(72)Name of Inventor :

1)ZHU Wei

(57) Abstract :

The present invention discloses a method a device and a system for switch control. In the embodiments of the invention according to the switch control parameters obtained beforehand an access gateway controls a user equipment to switch from a source access point to a target access point. By enabling switch control in the access gateway the load of the Core Network (CN) equipments can be reduced so that the system operates more stably and the bandwidth can be saved by the reduced singling interaction between the access gateway and CN at the same time.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8243/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : RECOMBINANT BACTERIA AND THE USES THEREOF FOR PRODUCING ETHANOL•

(51) International classification	:C12N 1/21	(71) Name of Applicant :
(31) Priority Document No	:09160284.7	1)DEINOVE
(32) Priority Date	:14/05/2009	Address of Applicant :22 rue Leon Jouhaux - 75010 Paris
(33) Name of priority country	:EPO	FRANCE.
(86) International Application No	:PCT/EP2010/056592	(72) Name of Inventor :
Filing Date	:12/05/2010	1)BITON Jacques
(87) International Publication No	: NA	2)GERBER Esther
(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 recombinant bacteria and the uses thereof particularly for the production of ethanol. The invention also relates to methods for the production of such bacteria as well as to nucleic acid constructs suitable for such production. The invention specifically relates to bacteria lacking a functional LDH gene and/or containing a recombinant nucleic acid encoding a PDC and ADH. The bacteria of this invention may be produced from any stress-resistant bacteria.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.825/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/01/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : STREAM DOT PATTERN METHOD OF FORMING STREAM DOT PATTERN INFORMATION INPUT/OUTPUT METHOD USING STREAM DOT PATTERN AND DOT PATTERN•

(51) International classification	:G06K 19/06	(71) Name of Applicant : 1)YOSHIDA Kenji Address of Applicant :9-14-2302 Koishikawa 1-Chome Bunkyo-ku Tokyo 1120002 Japan
(31) Priority Document No	:2009-165163	
(32) Priority Date	:13/07/2009	
(33) Name of priority country	:Japan	
(86) Intern t ion 1 Application No	:PCT/JP2010/061849	(72) Name of Inventor : 1)YOSHIDA Kenji
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	

(57) Abstract :

Disclosed is a stream dot technique with excellent convenience and which defines a plurality of information by means of a dot pattern formed on the basis of benchmark dots disposed in sequence in a line on the surface of a medium without being dependent on the shape of a rectangular region that configures a dot region. When forming the dot pattern it is possible to form the dot pattern at any location on the surface of a medium or curved surface by means of including a step for disposing a plurality of benchmark dots in sequence in a line according to a predetermined rule; a step for providing a first virtual benchmark line which links the plurality of benchmark dots; a step for providing a second virtual benchmark line defined at a predetermined location from the benchmark

No. of Pages : 155 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8214/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR OUTPUTTING SYSTEM MAIL AND E-MAILBOX SYSTEM

(51) International classification	:H04L12/58	(71) Name of Applicant : 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED Address of Applicant :ROOM 403, EAST BLOCK 2, SEG PARK, ZHENXING ROAD, FUTIAN DISTRICT, SHENZHEN CITY 518044, GUANGDONG PROVINCE, PRC. China
(31) Priority Document No	:200910106957.3	
(32) Priority Date	:07/05/2009	
(33) Name of priority country	:China	
(86) International Application No	:PCT/CN2010/071767	
Filing Date	:14/04/2010	
(87) International Publication No	:WO 2010/127586 A1	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ZHANG, XIAOLONG
(62) Divisional to Application Number	:NA	2)ZHOU, HAO
Filing Date	:NA	3)HUANG, ZIQUN
		4)XIE, KAI
		5)ZENG, MING
		6)HUANG, TIEMING
		7)WAN, LINJIA

(57) Abstract :

The present invention relates to network communication technologies, and discloses a method and apparatus for outputting a system mail and an E-mailbox system. The method includes: configuring, a special identification field for a system mail; scanning mails received by all Mail Transfer Agents of an E-mailbox system, and filtering special identification fields contained in the mails; determining whether the mails are system mails through checking whether the mails received by the E-mailbox system contain the special identification fields; when determining that a mail is a system mail, outputting the system mail in a mode different from a mode of outputting a normal mail. The method can prevent the system mail being faked, and facilitate users to differentiate system mails from normal mails.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.822/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND DEVICE FOR TRANSMITTING SEMI-PERSISTENT SCHEDULING DATA

(51) International classification	:H04W 72/08
(31) Priority Document No	:200910210814.7
(32) Priority Date	:10/11/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/078603
Filing Date	:10/11/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Huawei Technologies Co. Ltd.

Address of Applicant :Huawei Administration Building
Bantian Longgang District Shenzhen Guangdong 518129 P.R.
China.

(72)Name of Inventor :

1)QIN Zhongbin

2)QUAN Wei

3)ZHANG Jian

(57) Abstract :

A method and device for transmitting semi-persistent scheduling (SPS) data are provided in the present invention which relates to the field of communications, so as to effectively reduce the probability of retransmitting a semi-persistent service, and increase the system throughput. The method specifically includes: determining an initial transmission carrier for transmitting SPS data according to channel condition information of each carrier in multiple carriers and a gain of a match of a multi-user multiple-input and multiple-output (MU-MIMO) antenna unit; instructing, to a user, the determined initial transmission carrier for transmitting SPS data; and transmitting the SPS data to the user through the instructed initial transmission carrier for transmitting SPS data. The method and device are mainly applied to a process for transmitting SPS data in a carrier aggregation scenario.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8220/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : DYNAMIC SELECTION OF SUBFRAME FORMATS IN A WIRELESS NETWORK

(51) International classification	:HO4L1/00	(71) Name of Applicant :
(31) Priority Document No	:61/182,007	1)QUALCOMM INCORPORATED
(32) Priority Date	:28/05/2009	Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714. U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/036741	1)AAMOD DINKAR KHANDEKAR
Filing Date	:28/05/2010	2)RAVI PALANKI
(87) International Publication No	:WO 2010/138925 A1	3)TINGFANG JI
(61) Patent of Addition to Application Number	:NA	4)NATHAN EDWARD TENNY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques for dynamically selecting subframe formats in a wireless network are described. In an aspect, a base station may dynamically switch between different subframe formats to support communication for different types of user equipments (UEs). In one design, the base station may declare a set of subframes as multicast/ broadcast single frequency network (MBSFN) subframes for first/legacy UEs. The base station may send signaling conveying the set of subframes as MBSFN subframes to the legacy UEs. The base station may dynamically select the formats of the set of subframes for second/new UEs, e.g., on a per subframe basis. The format of each subframe may be selected from a plurality of formats, which may include at least one regular subframe format, at least one MBSFN subframe format, and/or at least one blank subframe format. The base station may send transmissions in the set of subframes based on the selected formats.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/01/2012

(21) Application No.828/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : INTERFERENCE SUPPRESSION IN UPLINK ACKNOWLEDGEMENT

(51) International classification	:H04L1/16	(71) Name of Applicant :
(31) Priority Document No	:61/228,107	1)QUALCOMM INCORPORATED
(32) Priority Date	:23/07/2009	Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/043127	1)RENQIU WANG
Filing Date	:23/07/2010	2)HAO XU
(87) International Publication No	:WO 2011/011735 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure proposes design of a pico/femto uplink acknowledgement (ACK) channel that improves the interference suppression for pico/femto base stations. The proposed design provides a two-layered cell-separation ACK channel structure for femto/pico cells by using computer generated sequences (COS) and Discrete Fourier Transform (DFT) spreading. Thereby, ACK channels may be multiplexed across different femto/pico base stations with minimal interference. The proposed scheme is compatible with conventional standards for the base station in the macro cell and does not impose any changes on the macro cell.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8256/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : AN AMBIENT TELECOMMUNICATION SYSTEM&NBSP; A METHOD FOR OPERATING SUCH SYSTEM&NBSP; AND A COMPUTER READABLE MEDIUM

(51) International classification	:H04M 1/60
(31) Priority Document No	:09158139.7
(32) Priority Date	:17/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/051568
Filing Date	:12/04/2010
(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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Address of Applicant :GROENEWOUDSEWEG 1
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)PEREGRIN EMPARANZA Jorge

2)HARMA Aki S

3)DADLANI MAHTANI Pavankumar M.

(57) Abstract :

An ambient telecommunication system (10) is provided. The system (10) comprises a set of transmitters (11) and a corresponding set of receivers (12) for transmitting and receiving electronically or digitally encoded sound between two or more conversing parties. The ambient telecommunication system further comprises at least one light emitting unit (14) connected to a transmitter or receiver and is configured to emit light when its corresponding transmitter (11) or receiver (12) is in an active mode. A method for operating the system and a computer readable medium carrying code segments for carrying out the method is also provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8259/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : CHARGE PAYMENT SYSTEM USING VIRTUAL MONEY

(51) International classification	:G06Q20/00	(71) Name of Applicant :
(31) Priority Document No	:2009-111260	1)KONAMI DIGITAL ENTERTAINMENT CO., LTD.
(32) Priority Date	:30/04/2009	Address of Applicant :9-7-2, AKASAKA, MINATO-KU, TOKYO-107-8324 Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/057714	1)KANISAWA, KEINA
Filing Date	:30/04/2010	2)NAGATOMO, YASUYUKI
(87) International Publication No	:WO 2010/126147	3)KITAKAZE, YUSUKE
A1		4)MAKINO, KOJI
(61) Patent of Addition to Application Number	:NA	5)HOTTA, JIRO
Filing Date	:NA	6)KAMI, MASAHIKO
(62) Divisional to Application Number	:NA	7)OTAKI, TADANOBU
Filing Date	:NA	8)KUBOTO, KAZUTAKA

(57) Abstract :

There is provided a system where usage charge of a facility- can be paid by virtual money. A card ID and a consumption amount of virtual money are transmitted from a game terminal as charging-target terminal apparatus, the card ID being recorded in a card possessed by a user (step S31) . The server apparatus replaces the card ID with a user ID unique to each user (step S32), and specifies a virtual money account managed by the server apparatus in association with the user ID. When the balance of the account is not less than the consumption amount, the consumption amount is subtracted from the balance of the account, and when the balance is less than the consumption amount, the subtraction of the consumption amount is stopped (stepS34) . Transaction result information including information indicating whether the subtraction of consumption amount has succeeded is transmitted to the game terminal (3) as a response (steps S35, S36) .

No. of Pages : 58 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8262/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : POLYESTER FILM, AND SOLAR-CELL BACK SHEET AND SOLAR-CELL USING THE SAME

(51) International classification	:B32B27/36
(31) Priority Document No	:2009-210128
(32) Priority Date	:11/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/065294
Filing Date	:07/09/2010
(87) International Publication No	:WO 2011/030745
	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)TORAY INDUSTRIES, INC.

Address of Applicant :1-1, NIHONBASHI-MUROMACHI
2-CHOME, CHUO-KU, TOKYO 103-8666 Japan

(72)Name of Inventor :

1)AOYAMA, SHIGERU

2)SHIOMI, ATSUSHI

3)MASUDA, TOMOHIDE

4)TAKAHASHI, KOZO

(57) Abstract :

Provided is a polyester film which highly satisfactorily high moist-heat resistance, flame retardancy, and other properties (in particular, ultraviolet light resistance, light-reflecting properties, etc.) over a long period. Also provided are: a solar-cell back sheet which comprises the polyester film and hence has high durability; and a solar cell including the back sheet. The polyester film has a laminate structure comprising a polyester layer (layer P1) containing a crystalline polyester and inorganic particles and a polyester layer (layer P2) containing a crystalline polyester, inorganic particles, and an antihydrolysis segment, wherein the content (Wa2) of the inorganic particles in the layer P2 is at least 10 mass% of the layer P2, the difference between the content (Wa2) (mass%) of the inorganic particles in the layer P2 and the content (Wa1) (mass%) of the inorganic particles in the layer P1, Wa2-Wa1, is 5 to 25 mass%, and the content (Wb2) of the antihydrolysis segment in the layer P2 is 0.02 to 1.5 mass% of the layer P2.

No. of Pages : 114 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8292/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : MULTIMODAL CONVERSATION PARK AND RETRIEVAL

(51) International classification	:H04W4/16
(31) Priority Document No	:12/465,421
(32) Priority Date	:13/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034280
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/132379 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MICROSOFT CORPORATION

Address of Applicant :ONE MICROSOFT WAY,
REDMOND, WASHINGTON 98052-6399 U.S.A.

(72)Name of Inventor :

1)RAMANATHAN, RAJESH

2)STUCKER, BRIAN

(57) Abstract :

Established multimodal conversations are enabled to be parked within an enhanced communication system such that a subscriber of the system can be notified through a variety of means and enabled to retrieve selected or all modalities for continuing the conversation. Different modalities may be parked together or separately. While waiting for the subscriber to retrieve the conversation, a participant may receive audio, video, presentation, or other forms of content as playback.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.759/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : COMPOSITIONS FOR TREATING DRUG ADDICTION AND IMPROVING ADDICTION-RELATED BEHAVIOR•

(51) International classification	:A61K 31/137	(71) Name of Applicant : 1)SK BIOPHARMACEUTICALS CO. LTD. Address of Applicant :99 Seorin-dong Jongro-gu Seoul 110-728 Republic of Korea
(31) Priority Document No	:12/492,566	
(32) Priority Date	:26/06/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/KR2010/003742	(72) Name of Inventor :
Filing Date	:10/06/2010	1)Sung James Lee
(87) International Publication No	: NA	2)Susan Marie Melnick
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is directed to a composition a use of the composition and a method of treating addiction to drugs of abuse in a subject wherein the composition comprises a cabamoyl compound or pharmaceutically acceptable salt or ester thereof as an active ingredient and the method comprises administering a therapeutically effective amount of a cabamoyl compound or pharmaceutically acceptable salt or ester thereof.

No. of Pages : 62 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.7590/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : REDUCED-PRESSURE TREATMENT SYSTEMS AND METHODS EMPLOYING A VARIABLE COVER

(51) International classification	:A61M 1/00
(31) Priority Document No	:61/169,104
(32) Priority Date	:14/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030888
Filing Date	:13/04/2010
(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)KCI LICENSING INC.

Address of Applicant :Legal Department Intellectual Property P.O. Box 659508 San Antonio TX 78265-9508 U.S.A.

(72)Name of Inventor :

1)Larry Tab RANDOLPH

(57) Abstract :

A system dressing and method for providing reduced pressure treatment to a tissue site on a wound bed of a patient includes a variable wound dressing having a variable cover (210) that is pliable at ambient pressure and less-pliable when placed under reduced pressure. The variable wound dressing has a first side (218) and a second patient-facing side (220) and in use a treatment space (268) is formed between the second patient-facing side of the variable dressing and the wound bed. One or more ports (250-256) are used to supply reduced pressure within the variable cover and to the wound site. A reduced-pressure subsystem is also included that is operable to supply reduced pressure to the one or more ports.

No. of Pages : 27 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.7591/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : FEMTO NODE POWER ADJUSTMENT IN WIRELESS COMMUNICATIONS SYSTEMS

(51) International classification	:H04W52/24	(71) Name of Applicant :
(31) Priority Document No	:61/172,038	1)QUALCOMM INCORPORATED
(32) Priority Date	:23/04/2009	Address of Applicant :ATTN: INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/032290	DIEGO, CALIFORNIA 92121-1714 U.S.A.
Filing Date	:23/04/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/124246 A3	1)MESHKATI FARHAD
(61) Patent of Addition to Application Number	:NA	2)CHANDE VINAY
Filing Date	:NA	3)YAVUZ MEHMET
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems, devices, and methods for adjusting a transmission power at a femto node are described herein. According to the systems, devices, and methods herein, a measurement of a signal transmitted from a transmitting node may be communicated to the femto node, for example from a user equipment or a neighboring femto node, for use in adjusting the power. The transmitting node may comprise the femto node, a macro node, or a neighboring femto node. In addition, statistics regarding such measurements may be communicated to the femto node for use in adjusting the power. The femto node may also adjust the power based on unsuccessful registration attempts or interference communications received at the femto node.

No. of Pages : 81 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7592/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : COMMUNICATION OF AN INTERFERENCE CONDITION IN WIRELESS
COMMUNICATIONS SYSTEM

(51) International classification	:H04W16/16
(31) Priority Document No	:61/172,033
(32) Priority Date	:23/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032293
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/124249 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

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

(72)Name of Inventor :

1)MESHKATI FARHAD

2)CHANDE VINAY

3)YAVUZ MEHMET

(57) Abstract :

Systems, devices, and methods for adjusting a transmission power at a femto node are described herein. According to the systems, devices, and methods herein, a measurement of a signal transmitted from a transmitting node may be communicated to the femto node, for example from a user equipment or a neighboring femto node, for use in adjusting the power. The transmitting node may comprise the femto node, a macro node, or a neighboring femto node. In addition, statistics regarding such measurements may be communicated to the femto node for use in adjusting the power. The femto node may also adjust the power based on unsuccessful registration attempts or interference communications received at the femto node.

No. of Pages : 75 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.7593/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : FEMTO NODE POWER ADJUSTMENT USING REQUESTS FOR REGISTRATION

(51) International classification	:H04W52/14
(31) Priority Document No	:61/172,033
(32) Priority Date	:23/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032286
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/124243 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

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

(72)Name of Inventor :

1)MESHKATI FARHAD

2)CHANDE VINAY

3)YAVUZ MEHMET

(57) Abstract :

Systems, devices, and methods for adjusting a transmission power at a femto node are described herein. According to the systems, devices, and methods herein, a measurement of a signal transmitted from a transmitting node may be communicated to the femto node, for example from a user equipment or a neighboring femto node, for use in adjusting the power. The transmitting node may comprise the femto node, a macro node, or a neighboring femto node. In addition, statistics regarding such measurements may be communicated to the femto node for use in adjusting the power. The femto node may also adjust the power based on unsuccessful registration attempts or interference communications received at the femto node.

No. of Pages : 79 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7597/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : APPARATUS AND METHODS FOR PROVIDING SERVICES TO COMMUNICATION DEVICES IN A COMMUNICATION SYSTEM INCLUDING A PRIVATE CELL

(51) International classification	:H04W48/20	(71) Name of Applicant : 1)MOTOROLA MOBILITY, INC. Address of Applicant :600 NORTH US HIGHWAY 45 LIBERTYVILLE, IL 60048 U.S.A.
(31) Priority Document No	:12/434,743	
(32) Priority Date	:04/05/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/033077	(72) Name of Inventor : 1)SALKINTZIS APOSTOLIS
Filing Date	:30/04/2010	
(87) International Publication No	:WO 2010/129399 A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method in a communication device (220) for discovering a private cell (222) accessible to the communication device (220) for communication in a communication system (200) comprises receiving (400) at the communication device (220) cell discovery information. The cell discovery information is based on subscription information of the communication device (220) and includes location information for identifying at least one area of the communication system in which at least one private cell accessible to the communication device for communication is located. The method further comprises initiating (402) a private cell search at the communication device (220) for discovering a private cell accessible to the communication device when the communication device (220) is determined to be located in an identified area. A method of identifying a cell accessible to a communication device (220) in idle mode and registered with an IMS network (214) in a communication system (200) including a private cell (222) is also disclosed. A method of performing a handover of an ongoing service being provided to a communication device (220) when registered with an IMS network (214) in a communication system (200) including a private cell (222) is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9472/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : CONVEYING APPARATUS AND SUPPORT DEVICE

(51) International classification	:B65G15/60	(71) Name of Applicant :
(31) Priority Document No	:993/09	1)WRH WALTER REIST HOLDING AG
(32) Priority Date	:25/06/2009	Address of Applicant :ARENENBERGSTRASSE 6, CH-8272 ERMATINGEN Switzerland
(33) Name of priority country	:Switzerland	(72) Name of Inventor :
(86) International Application No	:PCT/CH2010/000124	1)REIST, WALTER
Filing Date	:07/05/2010	
(87) International Publication No	:WO 2010/148523 A1	
(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 moving conveying means (2) which extends in a planar manner, such as a conveyor belt or a mat top conveyor, for conveying piece goods (10) or bulk goods and which lies in a conveying apparatus (1). A rolling element (5) comprising a plurality of rollers (3) is arranged between the conveying means (2) and a support element (7). The conveying means (2) moves relative to the rolling element (5), wherein the rollers (3) roll on the conveying means (2) and on the support element (7), and the rollers (3) are interconnected at a distance from each other by means of a flexible connecting element (4).

(57) Zusammenfassung: In einer Fordereinrichtung (1) liegt ein bewegtes, flachig ausgedehntes Eordermittel (2) wie ein F orderband oder ein Mattenforderer zur Forderung von Stuckgut (10) oder Schuttgut vor. Dabei ist zwischen dem Fordermittel (2) und einem Stützkörper (7) ein Rollenkörper (5) angeordnet, welcher eine Vielzahl von Rollen (3) aufweist. Das Fordermittel (2) bewegt sich bezüglich des Rollenkörpers (2), wobei die Rollen (3) am Fordermittel (2) und am Stützkörper (7) abrollen, und die Rollen (3) mit einem flexiblen Verbindungskörper (4) miteinander verbunden und voneinander beabstandet sind.

No. of Pages : 39 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9476/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : PNEUMATIC CIRCUIT FOR TIRE TESTING DEVICE, TIRE TESTING DEVICE, AND TIRE TESTING METHOD

(51) International classification	:G01M17/02	(71)Name of Applicant :
(31) Priority Document No	:2009-144304	1)KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)
(32) Priority Date	:17/06/2009	Address of Applicant :10-26, WAKINOHAMA-CHO 2-CHOME, CHUO-KU, KOBE-SHI HYOGO 651-8585 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2010/004027	1)MURAKAMI, MASAO
Filing Date	:17/06/2010	2)MATSUBARA, YOSHIAKI
(87) International Publication No	:WO 2010/146859	3)NAKAYAMA, MAIKO
	A1	4)TAKEDA, HAJIME
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a pneumatic circuit (1) whereby very small amounts of variations in the pneumatic pressure in a tire which occur during tire testing can be adjusted in a short time. This pneumatic circuit (1) is equipped with an air supply source (10) which generates compressed air to be supplied to a tire (T) retained in a tire testing device (2); a pressure regulating valve (13) which regulates the pressure of the compressed air generated; a discharge/supply valve (14) which is provided downstream of the pressure regulating valve (13) and by which compressed air is supplied to, or discharged from, the tire (T); a pressure detection unit (17) which is provided downstream of the discharge/supply valve (14) and which detects the tire pressure inside the tire (T); and a volume adjustment mechanism (21) which is provided between the pressure regulating valve (13) and the tire (T) and which increases or decreases the volume of compressed air in an airflow path between the tire (T) and the pressure regulating valve (13), as well as in the tire (T).

No. of Pages : 47 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7581/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CONFIGURING A POWER DEVICE

(51) International classification	:G06F 9/44	(71) Name of Applicant :
(31) Priority Document No	:12/412,567	1)AMERICAN POWER CONVERSION
(32) Priority Date	:27/03/2009	CORPORATION
(33) Name of priority country	:U.S.A.	Address of Applicant :132 Fairgrounds Road West
(86) International Application No	:PCT/US2010/022719	Kingston RI 02892 U.S.A.
Filing Date	:01/02/2010	(72) Name of Inventor :
(87) International Publication No	: NA	1)SPITAELS James S.
(61) Patent of Addition to Application Number	:NA	2)BROOKSHIRE Kyle
Filing Date	:NA	3)DEOKAR Vishwas Mohaniraj
(62) Divisional to Application Number	:NA	4)RODENHISER Fred W.
Filing Date	:NA	5)TRIVEDI Himanshu

(57) Abstract :

A system and method for directing a user to configure a power device via an alphanumeric user interface is provided. The power device may include data storage storing a plurality of operational parameters. The method includes acts of prompting during an initial power-up of the power device a user to enter an indication of quality of power supplied to the power device receiving the indication via the user interface determining a first value for each of the plurality of operational parameters of the power device based at least in part on the indication and applying each first value of the plurality of operational parameters to the power device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9355/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : ISOQUINOLIN-1 (2H) -ONE DERIVATIVES AS PARP-1 INHIBITORS

(51) International classification	:C07D217/24	(71)Name of Applicant :
(31) Priority Document No	:09160869.5	1)NERVIANO MEDICAL SCIENCES S.RL
(32) Priority Date	:21/05/2009	Address of Applicant :PO BOX 11, VIALE PASTEUR, 10, I-20014 NERVIANO, MILAN Italy
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/056921	1)PAPEO, GIANLUCA MARIANO ENRICO
Filing Date	:19/05/2010	2)BERTRAND, JAY AARON
(87) International Publication No	:WO 2010/133647	3)CERVI, GIOVANNI
	A1	4)FORTE, BARBARA
(61) Patent of Addition to Application Number	:NA	5)LUPI, ROSITA
Filing Date	:NA	6)MONTAGNOLI, ALESSIA
(62) Divisional to Application Number	:NA	7)SCOLARO, ALESSANDRA
Filing Date	:NA	8)ZUCCOTTO, FABIO
		9)ORSINI, PAOLO
		10)POSTERI, HELENA

(57) Abstract :

There are provided substituted isoquinolin-1 (2H)-one derivatives which selectively inhibit the activity of poly (ADP-ribose) polymerase PARP-1 with respect to poly (ADP-ribose) polymerase PARP-2. The compounds of the present invention are therefore useful in treating diseases such as cancer, cardiovascular diseases, central nervous system injury and different forms of inflammation. The present invention also provides methods for preparing these compounds, pharmaceutical compositions comprising these compounds, and methods of treating diseases utilizing pharmaceutical compositions comprising these compounds. A screening method for the identification of compounds capable of binding several PARP proteins, as well the probes used in such method, are further objects of the invention.

No. of Pages : 58 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8298/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF A FORMULATED OXYGENATE CONVERSION CATALYST FORMULATED OXYGENATE CONVERSION CATALYST AND PROCESS FOR THE PREPARATION OF AN OLEFINIC PRODUCT

(51) International classification	:B01J 29/80	(71) Name of Applicant : 1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. Address of Applicant :Carel van Bylandtlaan 30 NL-2596 HR The Hague Netherland (NL)
(31) Priority Document No	:09160635.0	
(32) Priority Date	:19/05/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2010/055824	
Filing Date	:29/04/2010	
(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	

(57) Abstract :

The present invention provides a process for the manufacture of a formulated oxygenate conversion catalyst the process comprising combining a first molecular sieve comprising aluminosilicate a second molecular sieve different from the first molecular sieve the second molecular sieve having more-dimensional channels and a matrix material; and treating the catalyst with a phosphorus containing compound after combination of the molecular sieves with the matrix material. In a further aspect the invention provides a formulated oxygenate conversion catalyst and a process for the preparation of an olefinic product.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8299/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : POLYESTER YARN FOR A AIRBAG AND METHOD FOR MANUFACTURING SAME•

(51) International classification	:D01F 6/62	(71) Name of Applicant :
(31) Priority Document No	:10-2009-0032252	1)KOLON INDUSTRIES INC.
(32) Priority Date	:14/04/2009	Address of Applicant :1-23 Byeolyang-dong Kwacheon-city Kyungki-do 427-709 Republic of Korea
(33) Name of priority co ntry	:Republic of Korea	(72) Name of Inventor :
(86) International Application No	:PCT/KR2010/002301	1)KIM Young-Jo
Filing Date	:14/04/2010	2)KIM Gi-Woong
(87) International Publication No	: NA	3)LEE Sang-Mok
(61) Patent of Addition to Application Number	:NA	4)LEE Young-Soo
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a polyester fiber that can be applied to a fabric for an airbag and particularly to a polyester fiber having elongation of 0.5% or more at a stress of 1.0 g/d elongation of 4.3% or more at a stress of 4.0 g/d and elongation of 7.5% or more at a stress of 7.0 g/d and an initial modulus of 40 to 100 g/d a method of preparing the same and a fabric for an airbag prepared therefrom. Since the polyester fiber of the present invention remarkably decreases stiffness and secures superior mechanical properties it is possible to provide superior packing properties dimensional stability and gas barrier effect and to protect occupants safely by minimizing the impact applied to the occupants when it is used for the fabric for an airbag.

No. of Pages : 51 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.91/CHENP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESS OF SEPARATING COMPONENTS OF A FERMENTATION BROTH

(51) International classification	:C07C31/18	(71) Name of Applicant :
(31) Priority Document No	:61/184292	1)GENOMATICA, INC.
(32) Priority Date	:04/06/2009	Address of Applicant :10520 WATERIDGE CIRCLE, SAN DIEGO, CA 92121 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/037329	1)CLARK, WARREN
Filing Date	:03/06/2010	2)JAPS, MICHAEL
(87) International Publication No	:WO 2010/141780 A1	3)BURK, MARK, J.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process of isolating 1,4-butanediol (1,4-BDO) from a fermentation broth includes separating a liquid fraction enriched in 1,4-BDO from a solid fraction comprising cells, removing water from said liquid fraction, removing saks from said liquid fraction, and purifying 1,4-BDO. A process for producing 1,4-BDO includes culturing a 1,4-BDO-producing microorganism in a fermentor for a sufficient period of time to produce 1,4-BDO. The 1,4-BDO-producing microorganism includes a microorganism having a 1,4-BDO pathway having one or more exogenous genes encoding a 1,4-BDO pathway enzyme and/or one or more gene disruptions. The process for producing 1,4-BDO further includes isolating 1,4-BDO:

No. of Pages : 76 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2011

(21) Application No.9978/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : CRYSTALLINE FORMS OF 6-(1H-IMIDAZOL-1-YL)-2-PHENYLQUINAZOLINE

(51) International classification	:C07D403/04	(71) Name of Applicant : 1)ROTTAPHARM S.P.A. Address of Applicant :GALLERIA UNION 5, I-20122, MILANO Italy
(31) Priority Document No	:TO2009A000424	
(32) Priority Date	:04/06/2009	
(33) Name of priority country	:Italy	
(86) International Application No	:PCT/IB2010/052496	(72) Name of Inventor :
Filing Date	:04/06/2010	1)GIORDANI, ANTONIO
(87) International Publication No	:WO 2011/140139 A3	2)MANDELLI, STEFANO
(61) Patent of Addition to Application Number	:NA	3)PORTA, FRANCESCA
Filing Date	:NA	4)GHIRRI, MATTEO
(62) Divisional to Application Number	:NA	5)ROVATI, LUCIO, CLAUDIO
Filing Date	:NA	

(57) Abstract :

Crystalline forms of 6-(1H-imidazol-1-yl)-2-phenylquinazoline and salts thereof. The present invention relates to the solid state of 6-(1H-imidazol-1-yl)-2-phenylquinazoline (I) and therefore to novel crystalline forms of the base and of pharmaceutically acceptable salts and solvates thereof, and also to methods for preparing them, to the respective pharmaceutical formulations and to their therapeutic use. Compound (I) may be obtained as the free base in five different crystalline forms, three polymorphic forms and two hydrates. Some pharmaceutically acceptable salts of (I) that have physicochemical characteristics acceptable for pharmaceutical development were obtained, and the respective polymorphic forms and/or hydrates were characterized.

No. of Pages : 129 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8280/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS OF CONFIGURING SOUNDING REFERENCE SIGNAL FOR COORDINATED MULTI-POINT TRANSMISSION

(51) International classification	:H04W16/00	(71)Name of Applicant :
(31) Priority Document No	:200910082263.0	1)CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY
(32) Priority Date	:20/04/2009	Address of Applicant :NO. 40 XUEYUAN RD., HAI DIAN DISTRICT BEIJING 100191 China
(33) Name of priority country	:China	(72)Name of Inventor :
(86) International Application No	:PCT/CN2010/071918	1)SHEN, ZUKANG
Filing Date	:20/04/2010	2)GAO, QIUBIN
(87) International Publication No	:WO 2010/121538 A1	3)XIAO, GUOJUN
(61) Patent of Addition to Application Number	:NA	4)MIU, DESHAN
Filing Date	:NA	5)PAN, XUEMING
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The disclosure provides a method of configuring sounding reference signal (SRS) for coordinated multi-point (CoMP) transmission. The method may include: determining for a CoMP UE in the cell set B a first SRS resource orthogonal with SRS resources configured for other UEs in the cell set A by exchanging information among cells within the cell set B; transmitting to the CoMP UE SRS configuration information describing the first SRS resource. The disclosure also provides apparatuses for configuring SRS of CoMP transmission.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/11/2011

(21) Application No.8301/CHENP/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD&NBSP; APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROVIDING AN INDICATION OF DEVICE TO DEVICE COMMUNICATION AVAILABILITY

(51) International classification	:H04L 12/56	(71) Name of Applicant : 1)NOKIA CORPORATION Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland
(31) Priority Document No	:12/424,232	
(32) Priority Date	:15/04/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/IB2010/000832	(72) Name of Inventor :
Filing Date	:14/04/2010	1)Klaus Franz Doppler
(87) International Publication No	: NA	2)Mika Petri Olavi Rinne
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for providing an indication of device to device communication capability may include a processor and a memory storing executable instructions. In response to execution of the instructions by the processor, the apparatus may perform at least receiving an indication with respect to status of an application or a request by the application, determining availability of a device to device connection associated with peer communication, and providing a notification to the application indicative of the availability of the device to device connection to the peer. A corresponding method and computer program product are also provided.

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1396/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : AN ILLUMINATION SYSTEM FOR SURFACE INSPECTION OF HOT-ROLLED METAL STRIP IN A HOT STRIP MILL

(51) International classification

:B21B37/74

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

The invention relates to an illumination system for surface inspection of hot rolled metal strip in hot strip mill, the hot strip mill having a roller table conveying the metal strip, a roller girder with a plurality of rollers disposed below the roller table, a c-notch to allow the illumination system to be inclinedly mounted, and a host computer connected through a fibre optic communication cable to the illumination system, the system comprising a plurality of power light emitting devices (LEDs) forming an array and installed inside a first box which is housed inside a second pressurized box, the second box internally accommodating several metallic tubes circulating chilled water for heat dissipation; a thin high conductive layer disposed at the interfacing surface of the first box and the metallic tubes, wherein the second box is mounted below the roller table on the roll girder conveying said roll strip, wherein the positional relationship of the light array with respect to a camera is maintained such that the LEDs are enabled to project a beam of light on the rolled strip surface at a high speed, and wherein the host-computer of the mill communicates with a micro-controller disposed under the first box having the light source, via a fibre optic communication interface disposed for controlling illumination level to achieve a desired dynamic detection level and contrast into the camera.

(71)Name of Applicant :

1)TATA STEEL LIMITED

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(72)Name of Inventor :

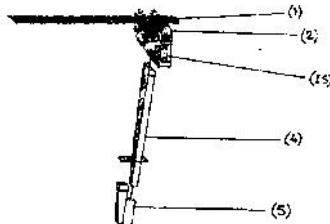
1)MR. PRABHAT KUMAR TIWARI

2)MR. SATYABRATA ROUT

3)MR. VINAY V. MAHASHABDE

4)DR. LENE HVIID

5)MR. CORNELIS ALIDA ANTONIUS JONKER



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2285/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : APPARATUS FOR CLEANING, BY ABRASION, ROD AND THE LIKE WITH SCALE CRUST AND SURFACE OXIDE

(51) International classification	:B21C43/04
(31) Priority Document No	:MI2010A000259
(32) Priority Date	:19/02/2010
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2011/050914
Filing Date	:24/01/2011
(87) International Publication No	:WO 2011/101204
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SEMPLICE S.P.A

Address of Applicant :Via del Carroccio 8, 20123 Milano,
Italy

(72)Name of Inventor :

1)FRIGERIO, Lucia

(57) Abstract :

An apparatus (1) for cleaning, by abrasion, rod and the like with scale crust and surface oxide, that comprises, on a supporting frame (2), an assembly (3) for unwinding a wire or rod (F), on the surface of which a first abrasive cloth supporting spindle (20) and a second abrasive cloth supporting spindle (21) act; the first and second spindles (20, 21) are accommodated within a work zone defined by the supporting frame (2); the first and second spindles (20, 21) are directed toward each other and they are mutually and integrally joined to each other.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/08/2012

(21) Application No.2286/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : POLYSTYRENE/POLYETHYLENE OXIDE COPOLYMER CELL SIZE ENLARGER FOR FOAM

(51) International classification :C08J9/00,C08J9/12,C08J9/14
(31) Priority Document No :12/696,553
(32) Priority Date :29/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/022666
Filing Date :27/01/2011
(87) International Publication No :WO 2011/162833
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :

1)OWENS CORNING INTELLECTUAL CAPITAL, LLC
Address of Applicant :One Owens Corning Parkway Toledo,
OH 43659, U.S.A.

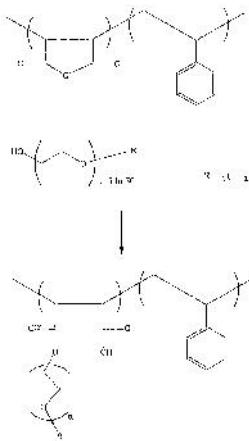
2)AKZO NOBEL CHEMICALS INTERNATIONAL B.V.

(72)Name of Inventor :

1)DELAVIZ, Yadollah
2)BRIENDEL, Raymond, M.
3)RODRIGUES, Klein
4)PATEL, Bharat

(57) Abstract :

Polymeric foam and polymeric foam products that contain a foamable polymer material, at least one blowing agent, an infrared attenuating agent, and a polystyrene/polyethylene oxide copolymer are provided. In exemplary embodiments, the blowing agent contains an HFC. The maleic anhydride-styrene copolymer grafted with polyethylene oxide increases the cell size of the polymer foam and offsets or even negates the decreased cell size caused by an HFC blowing agent and/or infrared attenuating agents. In addition, the copolymer of maleic anhydride-styrene grafted with polyethylene oxide has a positive affect on the processability of the blowing agent(s) in the composition by both widening the process window and enhancing the solubility of the blowing agent in the polymer melt. Thus, the polystyrene/polyethylene oxide copolymer present in the inventive composition acts as a cell enlarger, a plasticizer, and a processing aid. A method of forming an extruded foam product is also provided.



No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2287/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : NETWORK INFRASTRUCTURE FOR MOBILE MACHINES WHICH CAN BE USED IN AREAS AT RISK OF EXPLOSION

(51) International classification	:E21F17/18,H04L25/02
(31) Priority Document No	:20 2010 000 351.2
(32) Priority Date	:10/03/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/IB2011/050911
Filing Date	:03/03/2011
(87) International Publication No	:WO 2011/110983
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CATERPILLAR GLOBAL MINING EUROPE GMBH

Address of Applicant :Industriestra e 1, D-44534 Lünen,
Germany

(72)Name of Inventor :

1)LENZING, Markus

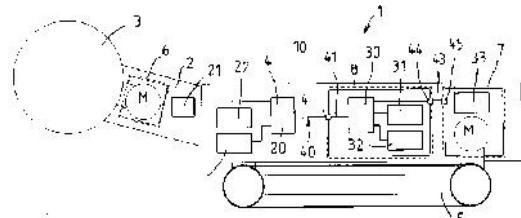
2)RÜSCHKAMP, Henner

3)SCHWINNE, Karsten

4)WE ELMANN, Johannes

(57) Abstract :

The invention relates to a network infrastructure for mobile machines which are usable in explosive areas, having inherently safe participants 21 - 23 and not inherently safe network participants 31 - 33 the latter being arranged in pressure-resistant housings 7; 8. The machine has at least one controller 30 for actuating at least one not inherently safe participant 31. In order to provide a network infrastructure which avoids the drawbacks of the prior art, the machine has, outside the pressure resistant housing 8 for the first controller 30, at least one second, inherently safe controller 20 for actuating at least one inherently safe participant 21, wherein the first controller 30 forms a data distributor for a plurality of not inherently safe participants 31 - 33 and the second controller 20 forms a data distributor for a plurality of inherently safe participants 21 - 23, and wherein the first data distributor 30 and the second data distributor 20 are linked via an electrically decoupled data communication link 40.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/10/2011

(21) Application No.1392/KOL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : A DATA COLLECTION AND CONTROL DEVICE FOR TESTING PERFORMANCE OF ELECTROSTATIC PRECIPITATORS OF A PLANT

(51) International classification

:B03C3/68

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No
Filing Date

:NA
:NA

(87) International Publication No
Filing Date

:NA
:NA

(61) Patent of Addition to Application Number
Filing Date

:NA
:NA

(62) Divisional to Application Number
Filing Date

:NA
: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

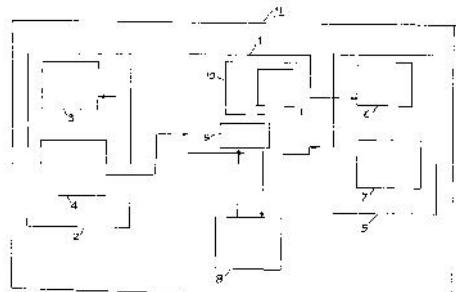
(72)Name of Inventor :

1)KADAPERI PANCHATSARAM MANIMALA

2)VELU SUBBAN SURESHKUMAR

(57) Abstract :

The main object of the present invention is to provide a data collection and control device (DCCD) for control and monitoring of entire equipments of an ESP performance test plant. The DCCD for ESP performance test plant of the present invention is provided with capability for simulating field conditions in association with other mechanical equipments occurring in the ESP interactively.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1393/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 03/05/2013

(54) Title of the invention : AN ELECTRO-HYDRAULIC GOVERNING SYSTEM FOR MEDIUM RATING STEAM TURBINE SETS HAVING MECHANICAL GOVERNORS

(51) International classification	:F01D15/10	(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
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)BANSILAL BHAWSAR 2)SIRIGIPURA KRISHNASWAMYLYENGAR RANGANATH 3)PANKAJ ELVIN KUJUR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an electro-hydraulic governing system for medium rating steam turbine sets having mechanical governors, comprising a mechanical governor; and a programmable micro-processor based electro-hydraulic governor, the system is configured to generate a first sensitive oil pressure signal for a first electro-hydraulic (I/H) Converter based on output signal from the electro-hydraulic governor; generate a second sensitive oil pressure signal for a second electro-hydraulic converter from the mechanical governor; transmit under normal operating condition a positive bias signal by the electro-hydraulic governor to a load-limiting gear motor such that the second sensitive oil pressure signal generated by the mechanical governor is at a higher pressure than that of the first sensitive oil pressure signal; compare both the first and sensitive oil pressure signals in a minimum selector unit, and position the governing valves by applying the lower of said two oil pressure signals to be a governing valve relay gear.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2292/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : ABSORPTION HEAT PUMP WITH SORBENT COMPRISING LITHIUM CHLORIDE AND AN ORGANIC CHLORIDE SALT

(51) International classification	:C09K5/04	(71) Name of Applicant : 1)EVONIK DEGUSSA GMBH Address of Applicant :Rellinghauser Stra e 1-11, 45128 Essen, Germany
(31) Priority Document No	:10160431.2	
(32) Priority Date	:20/04/2010	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2011/055897	(72) Name of Inventor :
Filing Date	:14/04/2011	1)SEILER, Matthias
(87) International Publication No	:WO 2011/131552	2)ZEHNACKER, Olivier
(61) Patent of Addition to Application Number	:NA	3)SCHNEIDER, Rolf
Filing Date	:NA	4)SCHNEIDER, Marc-Christoph
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An absorption heat pump with a sorbent which comprises lithium chloride and at least one salt Q+Cl- with an organic cation Q+ and the shared anion chloride, the organic cation Q+ having a molar mass of not more than 200 g/mol, exhibits an improved degassing range of the working medium composed of refrigerant and sorbent.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/08/2012

(21) Application No.2293/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR THE PRODUCTION OF L-ORNITHINE USING BACTERIA THAT OVEREXPRESS LYSE

(51) International classification	:C12P13/10
(31) Priority Document No	:10 2010 003 419.3
(32) Priority Date	:30/03/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/054541
Filing Date	:24/03/2011
(87) International Publication No	:WO 2011/124477
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EVONIK DEGUSSA GMBH

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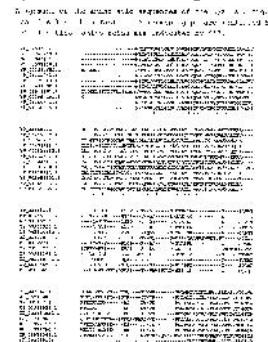
(72)Name of Inventor :

1)CLAES, Wilfried

2)GERSTMIR, Robert

(57) Abstract :

The invention relates to a method for the production of L-ornithine by fermentation using microorganisms, which is characterized by an increased export of the amino acid.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/08/2012

(21) Application No.2294/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PUSH ROD ADJUSTER FOR COMPACT BRAKE CALIPER UNITS, HAVING AN ACTUATOR LEVER WHICH CAN ABUT AGAINST AN ELASTIC STOP

(51) International classification :F16D55/224,F16D65/56,B61H15/00
(31) Priority Document No:10 2010 006 748.2
(32) Priority Date :02/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/051099
Application Filing Date :27/01/2011
(87) International Publication No :WO 2011/095424
(61) Patent of Addition to Application Number :NA
Application Filing Date :NA
(62) Divisional to Application Number :NA
Application Filing Date :NA

(71)Name of Applicant :

1)KNORR-BREMSE SYSTEME FÜR SCHIENENFAHRZEUGE GMBH

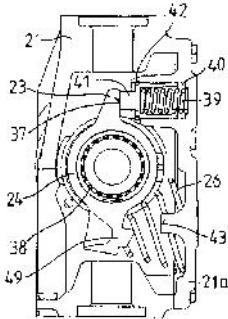
Address of Applicant :Moosacher Str. 80, 80809 München, Germany

(72)Name of Inventor :

1)EBNER, Christian
2)LEHNEIS, Michael
3)RODRIGUEZ, Diego

(57) Abstract :

The invention relates to a disk brake (100) of a rail vehicle, comprising a brake caliper (7), the caliper arms (6, 8) of which are coupled with one end to brake shoes (15) and with the other end to a wear adjuster (16), the length of the wear adjuster (16) being adjustable by means of a control mechanism depending on the stroke of a brake force motor (14). A control rod (32) of said control mechanism acts upon an adjusting element (24) of the wear adjuster (16), the adjusting element (24) including a free-wheeling mechanism (38) being mounted in a housing (21) of the wear adjuster (16) and a stop section (23) of the adjusting element being loaded in a self-adjusting starting position against a stop (37) of the housing (21) by means of at least one return spring element (26). The stop (37) contains at least one element (39) that is elastic in the direction of abutment.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2011

(21) Application No.1402/KOL/2011 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : AN APPARATUS FOR MARKING DRILL HOLE LOCATIONS ON CURVED SURFACES AND A METHOD THEREOF

(51) International classification	:E21B7/00	(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
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)MANU SHANKAR HARISH 2)ROYSTON D'SOUZA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Boilers, pressure vessels or heat exchangers have pressure bound components that are fabricated may be designed as hemi spherical, semi ellipsoidal or torispherical. The present manufacturing drawing gives the drill holes that form the openings on the dished ends of boiler / pressure vessel or a heat exchanger as Cartesian coordinate points. The points are given in a Cartesian coordinate system as shown in Fig.-1. With the present scenario depicted in the prior art, a need to simplify the marking methodology was imperative and hence the apparatus was conceived. The apparatus is supported by an in-house developed software that converts the input Cartesian coordinates to output polar coordinates (Fig.-2). The polar coordinate marking is done by using the apparatus that is put up for patent. The sketch of the apparatus is as attached at Fig.-3. The marking methodology and the apparatus are as follows. The fixture has a graduated base round plate (1), on which a centre pivot pin (2) is fixed. The second assembly is the radius transfer assembly called the sliding arm. The assembly is having a calibrated scale on a swing arm (4), along with which it is fastened to a thick cylinder with a bore, called the arm mounting cylinder (3). There is a distance locator sliding block, comprising of two parts, sliding block 1 (5) and sliding block 2 (6) as shown in the Fig.- 3. The sliding assembly is held intact by using a spacer piece (10). The marking punch (7) is attached to this sliding block assembly. The punch can be lifted to any height that is suitable to transfer the radius point on the surfacr of the dished end. The swing arm also has an angle pointer (8), which indicates the angle used in the marking process. There is a handle (9) provided for rotating the arm to point the angle. There are different size screws for fastening purpose that come in the assembly (11,12,13,14,15,16,17 and 18). The top of the central pivot arm can be tightened by a washer (20) and a bolt (19).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2301/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : REDUNDANT PITCH SYSTEM

(51) International classification	:F03D11/00,F03D7/04	(71) Name of Applicant : 1)SSB WIND SYSTEMS GMBH & CO. KG Address of Applicant :Neuenkirchener Strae 13, 48499 Salzbergen, Germany
(31) Priority Document No	:102010010958.4	
(32) Priority Date	:10/03/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/052726	
Filing Date	:24/02/2011	
(87) International Publication No	:WO 2011/110429	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pitch system for a wind power installation (1) comprising at least one electrically driven pitch drive (18, 19), which is associated with each rotor blade of the installation and has at least one electric motor (M), which is arranged in a rotating part of the installation (1), for blade adjustments, and a power and control unit which is associated with the motor (M) and has line connections (520) for transmission of power and control data from the power and control unit to the motor (M) and vice versa wherein the line connections (520) are passed via a rotating bushing (Se1), which is arranged at a connecting point between the rotating part and an axially adjacent stationary region, and wherein the system has a further rotating bushing (Se2), which operates mechanically and electrically separately from the first rotating bushing (Se1) and is connected or can be connected to the power and control unit and to the motor (M), in order in this way to maintain reliable transmission of the power and control data if the first rotating bushing (Se1) fails.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2304/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR OPERATING A LEVELING DEVICE OF A VEHICLE

(51) International classification	:B60G17/052,B60G17/016
(31) Priority Document No	:10154615.8
(32) Priority Date	:25/02/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/052677
Filing Date	:23/02/2011
(87) International Publication No	:WO 2011/104272
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KNORR-BREMSE SYSTEME FÜR
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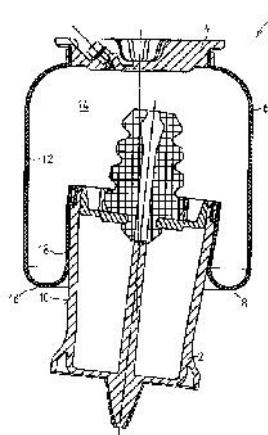
2)FIRESTONE INDUSTRIAL PRODUCTS COMPANY

(72)Name of Inventor :

1)NABER, Thomas
2)BOUNDS, Joseph

(57) Abstract :

The invention relates to a method for operating a leveling device of a vehicle body of a vehicle, said device comprising at least one air spring (1). According to the invention, the level of the vehicle body is adjusted at the beginning, during or immediately prior to ending a trip at least once to a level that deviates from a target level predetermined for the trip. In this way, different regions of the jacket wall of an air bellows are subjected to a maximum load during the trip, thus no longer limiting the wear of the bellows wall exclusively to the region associated with the target level, but distributing it to larger regions of the bellows wall.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/08/2012

(21) Application No.2288/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM FOR FIXING A RAIL AND GUIDE PLATE FOR SUCH A SYSTEM

(51) International classification	:E01B9/30
(31) Priority Document No	:10 156 434.2
(32) Priority Date	:12/03/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/053075
Filing Date	:02/03/2011
(87) International Publication No	:WO 2011/110454
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VOSSLOH-WERKE GMBH

Address of Applicant :Vosslohstrasse 4, 58791, Werdohl,
Germany

(72)Name of Inventor :

1)Winfried BÖSTERLING

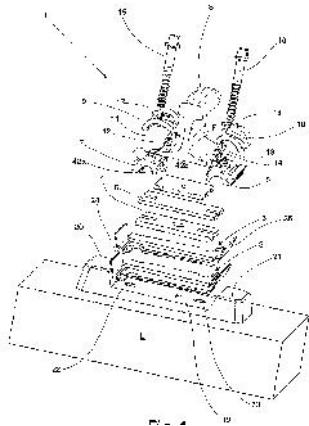
2)Adrian BEDNARCZYK

3)André HUNOLD

4)Nicole WIETHOFF

(57) Abstract :

The invention relates to a system for fastening a rail on a subsurface (U) and to a guide plate (7, 8) intended for such a system 1. The system comprises a spring element (9, 10) which can be braced against the subsurface (U) by means of a tensioning element (15, 16) and has at least one spring arm (48, 49), an adapter piece (11-14) which sits on an end section of the spring arm (48, 49) and has a contact surface section (58-60), and a guide plate (7, 8). The guide plate has a contact surface (42) for the rail foot (F) and a slide surface (56, 57) which adjoins the contact surface (42) and via which the adapter piece (11-14) can be moved out of a pre assembly position, in which the contact surface section (58-60) of the adapter piece sits on the guide plate (7, 8), into an installation position in which the contact surface section (58-60) of the adapter piece sits on the rail foot (F) of the rail (S) to be fastened. The slide surface (56, 57) of the guide plate (7, 8) ascends in the direction of the contact surface (42). In addition a stop (54, 55) is provided on the slide surface (56, 57) and the adapter piece (11-14) is seated against said stop in the pre- assembly position.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2289/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEM FOR FIXING A RAIL ONTO A FOUNDATION AND SUPPORT PLATE FOR SUCH A SYSTEM

(51) International classification	:E01B9/68	(71) Name of Applicant : 1)VOSSLOH-WERKE GMBH Address of Applicant :Vosslohstrasse 4, 58791, Werdohl, Germany
(31) Priority Document No	:10 156 436.7	
(32) Priority Date	:12/03/2010	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2011/053077	
Filing Date	:02/03/2011	
(87) International Publication No	:WO 2011/110456	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a system (1) for fastening a rail S on a subsurface (U) and a spacer (2, 3) intended for such a system (1). The system (1) comprises a guide plate (7, 8) for laterally guiding the rail S to be fastened, a spring element (9, 10), which can be braced against the subsurface (U) by means of a tensioning element (15, 16) and which sits on the guide plate (7, 8) and with a free spring arm (48, 49) exerts a hold-down force on a rail foot (F) of the rail (S) when the system (1) is completely assembled, and a spacer (2, 3), which is arranged to equalize the height differences between the guide plate (7, 8) and the respective subsurface (U). The spacer (2, 3) is to be divided in two parts (24, 25) along a joint line (32), which is guided, starting from one of the longitudinal sides (26, 27) of the spacer (2, 3) that are aligned transversely to the rail to be fastened (S), at a distance (a1, a2) to one narrow side (28, 29) of the spacer to the through-passage (30, 31), and from there is guided in the direction of the narrow side (28, 29) of the spacer (U), intersecting the through passage (30, 31).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2310/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : A PROCESS USING GRIGNARD REAGENTS

(51) International classification :C07F3/00,C07F3/02,C07D405/06
(31) Priority Document No :61/314,185
(32) Priority Date :16/03/2010
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/EP2011/053865
Filing Date :15/03/2011
(87) International Publication No :WO 2011/113820
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)DOCHNAHL, Maximilian
2)KEIL, Michael
3)GEBHARDT, Joachim
4)VOGELBACHER, Uwe Josef
5)MENGES, Frederik
6)RACK, Michael
7)RENNER, Jens
8)WOLF, Bernd

(57) Abstract :

The present invention relates to a process using Grignard reagents for providing thio- triazolo group-containing compounds.

No. of Pages : 97 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/08/2012

(21) Application No.2311/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : AQUEOUS HEAT TREATMENT LIQUID COMPOSITION

(51) International classification	:C21D1/60,C10M107/34,C10M145/26
(31) Priority Document No	:2010-035690
(32) Priority Date	:22/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/053778
Filing Date	:22/02/2011
(87) International Publication No	:WO 2011/102523
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

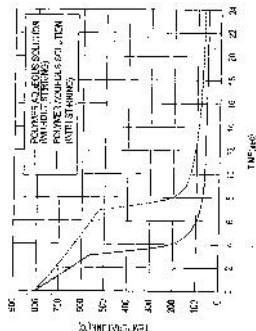
1)ICHITANI Katsumi

2)TAKAGI Fumiaki

3)YAMANAKA Masami

(57) Abstract :

Disclosed is an aqueous heat treatment liquid composition which exhibits good antirust performance, while having high cooling performance and high uneven cooling resistance. The aqueous heat treatment liquid composition is characterized by containing a hyperbranched polyglycerol. It is preferable that the hyperbranched polyglycerol has a mass average absolute molecular weight of 5,000-500,000 (inclusive). When a metal component is quenched using the aqueous heat treatment liquid composition, good antirust performance can be exhibited, while having high cooling performance and high uneven cooling resistance.



No. of Pages : 22 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/08/2012

(21) Application No.2298/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR CALIBRATING A FLUOROMETER

(51) International classification	:G01N21/64
(31) Priority Document No	:12,750,814
(32) Priority Date	:31/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2011/051341
Filing Date	:29/03/2011
(87) International Publication No	:WO 2011/121545
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ECOLAB USA INC.

Address of Applicant :370 N. Wabasha Street, St. Paul, Minnesota 55102, United States of America

(72)Name of Inventor :

1)TOKHTUEV, Eugene

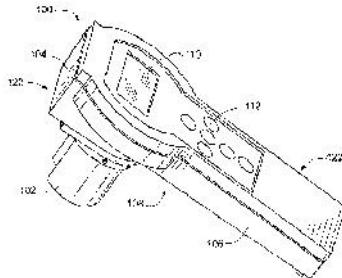
2)OWEN, Christopher J.

3)TRYGGESTAD, Soren K.

4)PILIPCHENKO, Anna

(57) Abstract :

Some embodiments provide methods for calibrating a fluorometer in order to account for one or more optical properties of a water sample affecting fluorescence measurements. In some cases one or more calibration solutions are prepared with sample water from a specific field site. Fluorescence measurements are taken from a water sample and one or more of the calibration solutions, and calibration parameters are determined based on the measurements. In some cases a calibration solution is prepared by spiking sample water to include a higher concentration of a fluorescent tracer and measurements are taken to characterize a calibration slope coefficient. In some cases a calibration solution is prepared by adding an acid and measurements are taken to characterize a background fluorescence in the sample.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/08/2012

(21) Application No.2299/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : HANDHELD OPTICAL MEASURING DEVICE AND METHOD OF USE

(51) International classification	:G01N21/51,G01N21/17
(31) Priority Document No	:12,750,811
(32) Priority Date	:31/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2011/051346
Filing Date	:29/03/2011
(87) International Publication No	:WO 2011/121549
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

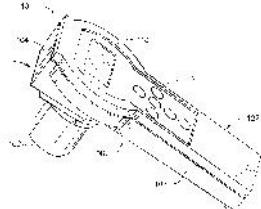
1)CHRISTENSEN, William M.

2)TOKHTUEV, Eugene

3)OWEN, Christopher J.

(57) Abstract :

Embodiments provide a handheld optical measuring device and method of measuring an optical property of a liquid sample. In some embodiments the optical measuring device includes a handheld controller module having an immersible sensor head and a sampling member including a sample cup and an attachment member that couples the sample cup to the handheld controller module. In some embodiments the attachment member is an elongated rigid member that is hingedly coupled to the controller module, thus providing a folding configuration for enclosing the sensor head with the sample cup during measurements, transportation, and/or storage. In some embodiments the attached sample cup provides a protective shell for the immersible sensor head during use and/or when not in use.



No. of Pages : 47 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2300/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : HYDROSTATIC HYBRID DRIVE SYSTEM

(51) International classification	:B60K6/12,F15B1/22,F15B1/24
(31) Priority Document No	:102010012975.5
(32) Priority Date	:22/03/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/001375
Filing Date	:21/03/2011
(87) International Publication No	:WO 2011/116914
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HYDAC TECHNOLOGY GMBH

Address of Applicant :Industriegebiet, 66280, Sulzbach/Saar, Germany

(72)Name of Inventor :

1)BAUER, Frank

2)BALTES, Herbert

3)KLOFT, Peter

(57) Abstract :

The invention relates to an hydrostatic hybrid drive system for road vehicles, said system comprising a pump/motor unit (1) which is or can be connected to the powertrain of the vehicle, can be controlled by means of a control unit (5) in a pump or motor operation and can be connected to a high-pressure hydraulic accumulator via a first working line (7) that can be closed by means of a control valve (45) and to a low-pressure hydraulic accumulator via a second working line (9). The high-pressure hydraulic accumulator and low-pressure hydraulic accumulator are formed by a double-piston accumulator (11), in which a high-pressure side and a low-pressure side having respective accumulator pistons (15, 17) are formed in an accumulator housing (13), wherein the fluid chambers (23 and 25) of the high-pressure side and the low-pressure side are separated by a central housing part (21) through which the common piston rod for both accumulator pistons (15, 17) extends. The invention is characterised in that the control unit (5) of the pump/motor unit (1) having a control area can be supplied from the first working line (7) via a line connection (59) which is provided on the first working line (7) between the pump/motor unit (1) and the control valve (45).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2316/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 03/05/2013

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

(51) International classification	:H04W36/30,H04W36/00	(71) Name of Applicant : 1)NTT DOCOMO, INC. Address of Applicant :11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 JAPAN
(31) Priority Document No	:2010-030754	
(32) Priority Date	:15/02/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/053175	(72) Name of Inventor : 1)ISHII, Hiroyuki 2)IWAMURA, Mikio
Filing Date	:15/02/2011	
(87) International Publication No	:WO 2011/099631	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The disclosed mobile station (UE) is equipped with: measurement units (102) that measure the wireless quality of a currently communicating cell or a neighboring cell for each carrier among at least two carriers; a determination unit (104) that determines whether or not the wireless base station (eNB) should be notified of the measurement results of the measurement units (102) for each carrier among the at least two carriers; and a transmission unit (106) that transmits the measurement results of the measurement units (102) to the wireless base station (eNB) when the determination unit (104) has determined that the wireless base station (eNB) should be notified of the measurement results of the measurement units (102). Along with the measurement results relating to the carrier for which it has been determined by the determination unit (104) that the wireless base station (eNB) shall be notified of the measurement results of the measurement units (102), the transmission unit (106) transmits measurement results relating to carriers other than said carrier.

No. of Pages : 74 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2305/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

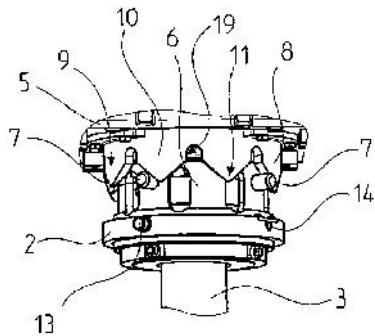
(43) Publication Date : 03/05/2013

(54) Title of the invention : CASTING TUBE MOUNTING, IN PARTICULAR FOR A SLIDING CLOSURE

(51) International classification	:B22D41/50,B22D41/56	(71)Name of Applicant :
(31) Priority Document No	:00295/10	1)STOPINC AKTIENGESELLSCHAFT
(32) Priority Date	:05/03/2010	Address of Applicant :Bösch 83a, CH-6331 Hünenberg, Switzerland
(33) Name of priority country	:Switzerland	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/000991	1)GISLER Rebecca
Filing Date	:01/03/2011	
(87) International Publication No	:WO 2011/107253	
(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 casting tube mounting comprising a centering device for the casting tube, said device being composed of a toothed centering crown (8) and a centering ring (6) having radial pins (7). When the casting tube (3) is pressed on, the radial pins (7) can engage in the tooth gaps (19) of the entering crown (8) and thus effect immovably precise centring and alignment of the casting tube.



No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2306/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : COSMETIC COMPOSITION BASED ON ELLAGIC ACID OR A DERIVATIVE THEREOF AND A BACTERIAL EXTRACT

(51) International classification	:A61K8/44,A61K8/46,A61K8/49
(31) Priority Document No	:1051448
(32) Priority Date	:01/03/2010
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2011/052934 Filing Date :28/02/2011
(87) International Publication No	:WO 2011/107433
(61) Patent of Addition to Application Number	:NA Filing Date :NA
(62) Divisional to Application Number	:NA Filing Date :NA

(71)Name of Applicant :

1)L'OREAL

Address of Applicant :14, rue Royale, F-75008, Paris,
France

(72)Name of Inventor :

1)DERKX Tiphaine

(57) Abstract :

The invention relates to a cosmetic composition comprising, in a cosmetically acceptable medium: (i) from 0.01 % to 10% by weight, relative to the total weight of the composition, of one or more compounds chosen from ellagic acid, ethers thereof and ellagic acid salts or ethers thereof, in a content ranging (ii) one or more extracts of one or more non-photosynthetic, non-fruited filamentous bacteria, and (iii) one or more surfactants chosen from anionic and/or amphoteric or zwitterionic surfactants. The invention also relates to a cosmetic treatment process using such a composition, and to the use of this composition for eliminating and/or reducing the amount of dandruff on the hair and the scalp.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2307/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : MOBILE STATION AND WIRELESS BASE STATION

(51) International classification	:H04W74/08,H04W72/04
(31) Priority Document No	:2010-030752
(32) Priority Date	:15/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/053125
Filing Date	:15/02/2011
(87) International Publication No	:WO 2011/099619
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)UMESH, Anil

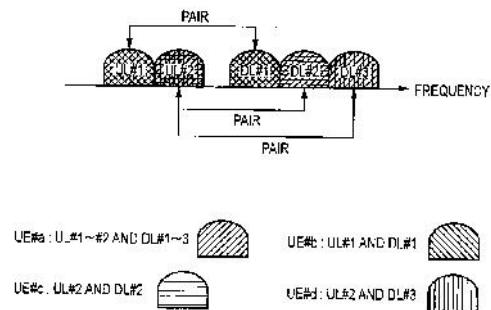
2)IWAMURA, Mikio

3)MIKI, Nobuhiko

4)KISHIYAMA, Yoshihisa

(57) Abstract :

The disclosed mobile station (UE) is equipped with a RACH procedure unit (12) that is configured in a manner so as to attempt the detection of an RA response that is in response to an RA preamble only in a DL carrier corresponding to a UL carrier among a plurality of DL carriers when performing CA and when the RA preamble has been transmitted in the UL carrier.



No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2308/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 03/05/2013

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

(51) International classification :H04W72/04,H04W48/12
(31) Priority Document No :2010-030753
(32) Priority Date :15/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/053169
Filing Date :15/02/2011
(87) International Publication No :WO 2011/099630
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)NTT DOCOMO INC.

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(72)Name of Inventor :

1)UMESH, Anil

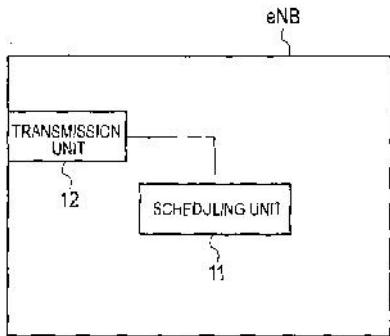
2)IWAMURA, Mikio

3)MIKI, Nobuhiko

4)KISHIYAMA, Yoshihisa

(57) Abstract :

Disclosed is a mobile communication method which involves: a step (A) in which a wireless base station (eNB) individually notifies a mobile station (UE), which performs CA, of the correlation between a DL carrier which transmits UL grant and a UL carrier which is allocated with PUSCH resources on the basis of the UL grant; and a step (B) in which the mobile station (UE) transmits an uplink data signal using the PUSCH resources of the UL carrier on the basis of the abovementioned correlation when the DL carrier receives the UL grant.



No. of Pages : 24 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/08/2012

(21) Application No.2309/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : CONSUMABLES AND METHODS OF PRODUCTION THEREOF

(51) International classification	:A23G1/21,A23G3/00,A23G3/02
(31) Priority Document No	:1004898.1
(32) Priority Date	:23/03/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/050593
Filing Date	:23/03/2011
(87) International Publication No	:WO 2011/117640
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CLARKE, Peter

2)MARSHALL, Sarah

3)NORTON, Clive Richard Thomas

(57) Abstract :

The present invention relates to a confectionery composition comprising an at least partially convoluted or rolled sheet of a confectionery material having at least one capillary disposed therein, wherein the composition has a longitudinal axis which extends along the convolutions or axis of rolling and the at least one capillary runs parallel, perpendicular or at an inclined angle relative to the longitudinal axis of the product. The present invention also relates to a method of production of the same.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/08/2012

(21) Application No.2402/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PERISTALTIC PUMP

(51) International classification	:F04B43/12,F04B43/08,A61M5/142
(31) Priority Document No	:10 2010 000 591.6
(32) Priority Date	:01/03/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/070713
Filing Date	:23/12/2010
(87) International Publication No	:WO 2011/107178
(61) Patent of Addition 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 :Buchbrunnenweg 12, 89081 Ulm,
Germany

(72)Name of Inventor :

1)ZUPP Andre

2)SCHWERDTFEGER Uwe

(57) Abstract :

The invention relates to a peristaltic pump (1) for conveying a medium conducted in a hose, having a housing (2) and having a plurality of squeezing elements (3) which press the hose, so as to squeeze the hose against the active surface (4a) of a counter bearing (4) and thereby convey the medium in the hose onward in the conveying direction, wherein the spacing (d) between the squeezing elements (3) and the active surface (4a) of the counter bearing (4) is variable. To be able, in a peristaltic pump of said type, to compensate as effectively as possible the production tolerances and material non-uniformities of the hose, and at the same time to keep the mechanical loading of the hose as low as possible during the operation of the pump, it is provided according to the invention that the counter bearing (4) has a conical or cone-shaped adjusting surface (4b) which is supported against a complementarily shaped support surface (5) on the housing (2), and that the spacing (d) between the squeezing elements (3) and the active surface (4a) of the counter bearing (4) can be adjusted by means of a movement of the counter bearing (4) relative to the housing (2) along the support surface (5).

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/08/2012

(21) Application No.2317/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : RANDOM PROPYLENE COPOLYMERS FOR PIPES

(51) International classification	:C08L23/10	(71) Name of Applicant :
(31) Priority Document No	:10154781.8	1)Borealis AG
(32) Priority Date	:26/02/2010	Address of Applicant :IZD Tower Wagramerstra e 17-19
(33) Name of priority country	:EPO	A-1220 Vienna, Austria
(86) International Application No	:PCT/EP2011/051611	(72) Name of Inventor :
Filing Date	:03/02/2011	1)BERGSTRA, Michiel
(87) International Publication No	:WO 2011/104100	2)MALM, Bo
(61) Patent of Addition to Application Number	:NA	3)LESKINEN, Pauli
Filing Date	:NA	4)KOCK, Cornelia
(62) Divisional to Application Number	:NA	5)SUNDHOLM, Tua
Filing Date	:NA	

(57) Abstract :

Random propylene copolymer comprising (a) a first polypropylene being a first random propylene copolymer, said first random propylene copolymer has a melt flow rate MFR10 (230 C) of not more than 1.5 g/10min, (b) a second polypropylene being a first propylene homopolymer or a second random propylene copolymer, (c) a third polypropylene being a second propylene homopolymer or a third random propylene copolymer, said third random propylene copolymer has a comonomer content of 0.5 to 3.5 wt.-%, wherein further (i) the first polypropylene differ from the second polypropylene and the third polypropylene by the melt flow rate MFR2(230 C) and/or by the comonomer content, (ii) the second polypropylene differ from the third polypropylene by the melt flow rate MFR2(230 C) and/or by the comonomer content [wt.-%], and (iii) the random propylene copolymer (R-PP) has a melt flow rate MFR2(230 C) of 0.05 to 10.00 g/10min.

No. of Pages : 48 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2318/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 03/05/2013

(54) Title of the invention : VEHICLE NOTIFICATION SOUND EMITTING APPARATUS

(51) International classification	:B60Q5/00
(31) Priority Document No	:2010-026124
(32) Priority Date	:09/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/IB2011/000198
Filing Date	:07/02/2011
(87) International Publication No	:WO 2011/098880
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)KIMURA Katsumi

3)KANUMA Tsuyoshi

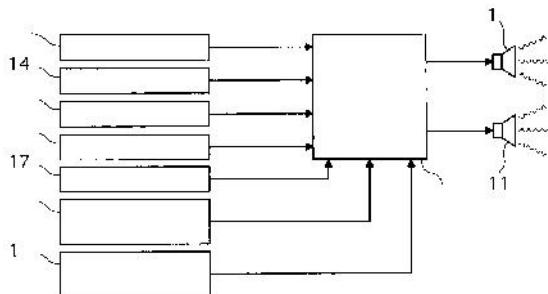
4)YOSHINO Hideo

5)WATANABE Yuji

6)YAMAMOTO Toshiyuki

(57) Abstract :

A vehicle notification sound emitting apparatus is basically provided with a sound emitting device (1,11) and a notification sound control device (12). The sound emitting device (1,11) emits a starting movement notification sound to outside of a vehicle to inform a person in an outside area surrounding the vehicle that the vehicle will transition from a stopped state to a moving state, and emits a moving notification sound to outside of the vehicle to inform a person in the outside area surrounding the vehicle that the vehicle is moving. The notification sound control device (12) operates the sound emitting device (1,11) to selectively emit the starting movement notification sound. The notification sound control device (12) includes a notification sound emission timing section (steps S12 to S15) that sets a start timing of the starting movement notification sound in response to a shift operation having been performed and an additional start movement preparation operation of the vehicle having been performed.



No. of Pages : 45 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2319/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : VEHICLE NOTIFICATION SOUND EMITTING APPARATUS

(51) International classification	:B60Q5/00
(31) Priority Document No	:2010-026114
(32) Priority Date	:09/02/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/IB2011/000201 :07/02/2011
(87) International Publication No	:WO 2011/098882
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)NISSAN MOTOR CO., LTD.

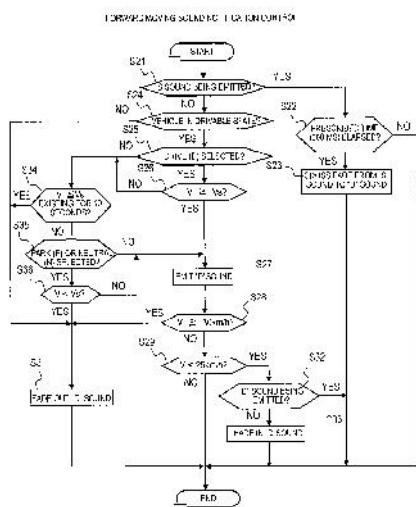
Address of Applicant :2, Takara-cho, Kanagawa-ku
Yokohama-shi, Kanagawa 221-0023, JAPAN

(72)Name of Inventor :

- 1)SAITO Hironori
- 2)KIMURA Katsumi
- 3)KANUMA Tsuyoshi
- 4)YOSHINO Hideo
- 5)WATANABE Yuji
- 6)YAMAMOTO Toshiyuki

(57) Abstract :

A vehicle notification sound emitting apparatus is basically provided with a sound emitting device (1, 11) and a notification sound control device (12). The sound emitting device (1, 11) is configured to emit a movement notification sound to outside of a vehicle to inform a person in an area surrounding the vehicle that the vehicle will move. The notification sound control device (12) is configured to operate the sound emitting device (1, 11) to emit a movement notification during a period from when a vehicle speed becomes equal to or smaller than a prescribed value until a prescribed amount of time has elapsed in a situation where the vehicle speed becomes equal to or smaller than the prescribed value while the forward movement notification sound is being emitted.



No. of Pages : 40 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/08/2012

(21) Application No.2401/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : HOSE PUMP WITH PLANETARY GEAR

(51) International classification	:A61M5/142,F04B43/08,F04B43/12	(71) Name of Applicant : 1)ULRICH GMBH & CO. KG Address of Applicant :Buchbrunnenweg 12, 89081 Ulm, Germany
(31) Priority Document No	:10 2010 000 592.4	
(32) Priority Date	:01/03/2010	
(33) Name of priority country	:Germany	(72) Name of Inventor : 1)ZUPP Andre 2)SCHWERDTFEGER Uwe
(86) International Application No	:PCT/EP2010/070714	
Filing Date	:23/12/2010	
(87) International Publication No	:WO 2011/107179	
(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 hose pump (1) for delivering a medium conveyed through a hose, with a housing (2), a drive (7), a carrier (8) rotatable with respect to the housing, and a plurality of squeeze rollers (3) that are mounted rotatably on the carrier (8) and can be driven by the drive (7) via a gear (6) with a sun wheel (30) and with a first planet wheel (16) connected so as to rotate with the respective squeeze roller (3), wherein the rotating squeeze rollers (3), during operation of the pump, press a hose, which is inserted into the pump, by squeezing the hose against an abutment (4) and in this way convey the medium onwards through the hose in the delivery direction. In order to permit easier and quicker insertion of a hose in such a hose pump, the invention proposes that, in addition to the first planet wheel (16), each squeeze roller (3) is also assigned at least a second planet wheel (31), which is coupled to the inner circumference (2c), acting as hollow wheel, of the housing (2), in order to set the carrier (8) in rotation from the drive (7) during operation of the pump.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/08/2012

(21) Application No.2312/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : LACTIC ACID BACTERIUM-CONTAINING PREPARATION

(51) International classification :C12N1/20,A23L1/30,A61K35/74
(31) Priority Document No :2010-053517
(32) Priority Date :10/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/055481
Filing Date :09/03/2011
(87) International Publication No :WO 2011/111734
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)KANEKA CORPORATION

Address of Applicant :2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 5308288 JAPAN

(72)Name of Inventor :

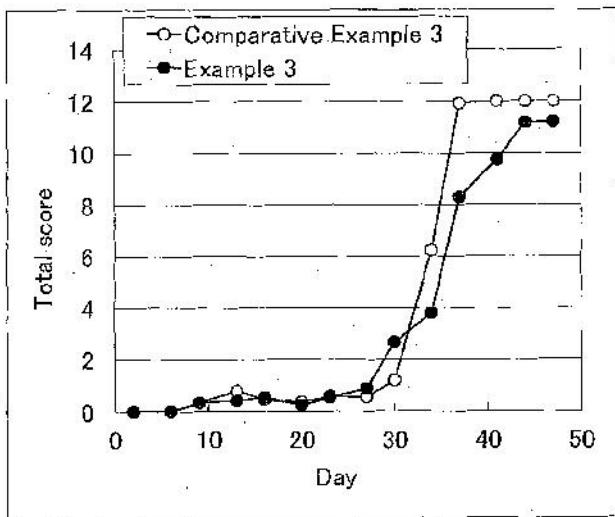
1)TATEGAKI Airo

2)WATANABE Toyoaki

3)HAMADA Kazuya

(57) Abstract :

Disclosed are: a highly safe lactic acid bacterium which is effective for prophylaxis and treatment of allergies and/or lowering of blood triglyceride levels; and a lactic acid bacterium preparation. Specifically, a composition containing cells of a lactic acid bacterium obtained by culturing *Pediococcus acidilactici* R037 strain or a processed product thereof is added, as an active ingredient, to a pharmaceutical product, food or drink.



No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2313/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR THE BIOLOGICAL PURIFICATION OF AMMONIUM-CONTAINING WASTEWATER

(51) International classification :C02F3/30,C02F11/12,C02F3/28
(31) Priority Document No :10 002 478.5
(32) Priority Date :10/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/000159
Filing Date :01/02/2011
(87) International Publication No :WO 2011/110905
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)CYKLAR-STULZ ABWASSERTECHNIK GMBH

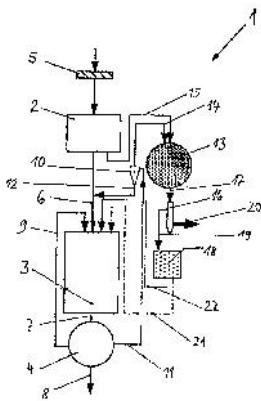
Address of Applicant :Rietwiesstrasse 39, 8737
Gommiswald Switzerland

(72)Name of Inventor :

1)NYHUIS, Geert

(57) Abstract :

The invention relates to a method for the biological purification of ammonium-containing wastewater, in particular at between 7 and 25°C, in an aeration tank (3) in which the ammonium (NH₄) that is present in the wastewater is reacted at a predetermined oxygen concentration to form elemental nitrogen (N₂). The excess sludge formed in the reaction is fed at least in part to a sludge digestion, during which the organic components of the sludge are converted to gas. The sludge is then fed to a sludge dewatering and the highly nitrogenous warm sludge water separated off from the sludge, which sludge water has in particular a nitrogen concentration of 500 to 2000 mg/l and a temperature of about 25 to 39°C is then fed to a deammonification tank (18). In the deammonification tank (18), the nitrogen compounds (NH₄, organic nitrogen) present in the sludge water are converted by deammonification to elemental nitrogen (N₂). According to the invention it is provided that an excess sludge formed in the deammonification of the sludge water is fed to the aeration tank (3) and in the aeration tank (3) a low oxygen concentration of less than 1.0 mg/l is set, in such a manner that the ammonium (NH₄) present in the wastewater is first reacted by means of aerobically oxidizing bacteria (AOB) to form nitrite (NO₂) and is then converted to elemental nitrogen (N₂) by means of anaerobically oxidizing bacteria (ANAMMOX), in particular Planctomycetes, ammonium (NH₄) and nitrite (NO₂), wherein the excess sludge formed during this deammonification in the aeration tank (3), before it is fed to the sludge digestion, is separated into a heavy sludge phase which predominantly contains the anaerobically ammonium (NH₄)-oxidizing bacteria (ANAMMOX) and a light sludge phase, wherein the heavy sludge phase is recirculated to the aeration tank (3) and the light sludge phase is fed as excess sludge to the sludge digestion.



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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : INJECTION APPARATUS FOR INJECTING PESTICIDE AND METHOD OF INJECTING PESTICIDE IN SOIL ADJACENT STRUCTURES

(51) International classification :A01M17/00,A01M21/04,A01C23/02
(31) Priority Document No :61/307,178
(32) Priority Date :23/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/025919
Filing Date :23/02/2011
(87) International Publication No :WO 2011/106420
(61) 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 AGRO B.V. (Wädenswil Branch)

Address of Applicant :Moosacherstrasse 2 CH-8804 Au-Wädenswil Switzerland

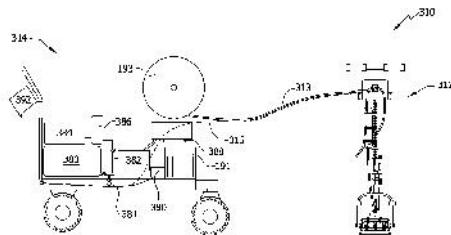
(72)Name of Inventor :

1)CINK, James, H.

2)WARRINER, Richard, A.

(57) Abstract :

A method of treating soil adjacent a structure generally includes positioning an injection apparatus over a first injection site generally adjacent a structure. The injection apparatus is operated to inject pesticide down into the soil at the first injection site without prior disturbance of the soil at the first injection site. The injection apparatus is moved over a second injection site at least in part different from the first injection site and generally adjacent the structure. The injection apparatus is operated to inject pesticide down into the soil at the second injection site and without prior disturbance of the soil at the second injection site.



No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2418/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : THIN FILM PHOTOELECTRIC CONVERSION DEVICE AND PROCESS FOR PRODUCTION THEREOF

(51) International classification	:H01L31/04
(31) Priority Document No	:2010-038039
(32) Priority Date	:24/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/051623
Filing Date	:27/01/2011
(87) International Publication No	:WO 2011/105160
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KANEKA CORPORATION

Address of Applicant :2-4, Nakanoshima 3-chome, Kita-ku,
Osaka-shi, Osaka 5308288 JAPAN

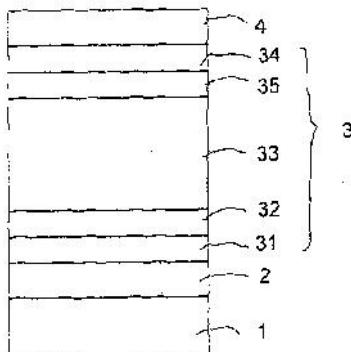
(72)Name of Inventor :

1)KADOTA,Naoki

2)SASAKI,Toshiaki

(57) Abstract :

Disclosed is a thin-film photoelectric conversion device including a crystalline germanium photoelectric conversion layer, which has an improved open circuit voltage, an improved fill factor, and an improved photoelectric conversion efficiency for light having a longer wavelength. The photoelectric conversion device comprises a first electrode layer, one or more photoelectric conversion units, and a second electrode layer sequentially stacked on a substrate, wherein each of the photoelectric conversion units comprises a p-type semiconductor layer, an n-type semiconductor layer, and a photoelectric conversion layer arranged between the p-type semiconductor layer and the n-type semiconductor layer. A photoelectric conversion layer in at least one of the photoelectric conversion units is a crystalline germanium photoelectric conversion layer comprising a crystalline germanium semiconductor that is substantially intrinsic or weak n-type and is essentially free of silicon atom. A first interface layer which is a substantially intrinsic amorphous silicon semiconductor layer is arranged between the p-type semiconductor layer and the crystalline germanium photoelectric conversion layer.



No. of Pages : 40 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2425/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : DISPLAY FOR OPHTHALMIC SURGICAL CONSOLE WITH USER-SELECTABLE SECTORS

(51) International classification	:A61F9/008	(71) Name of Applicant :
(31) Priority Document No	:61/324,096	1)ALCON RESEARCH, LTD.
(32) Priority Date	:14/04/2010	Address of Applicant :6201 South Freeway, Fort Worth, Texas 76134 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2011/032432	1)BOUKHNY, Mikhail
Filing Date	:14/04/2011	2)GORDON, Raphael
(87) International Publication No	:WO 2011/130477	3)ARTSYUKHOVICH, Alexander
(61) Patent of Addition to Application Number	:NA	4)WOOLDRIDGE, Craig
Filing Date	:NA	5)SUTLIFF, Tiffany
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An ophthalmic surgical system includes a display device and a user interface. The display device generates a display on an image of a patient's eye comprising a plurality of non-overlapping display sectors. Each display sector displays one of a plurality of user-selectable surgical parameters. A user interface receives a user selection of one or more of the user-selectable surgical parameters to be displayed.

No. of Pages : 18 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2426/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESS FOR PRODUCING FERRO COKE FOR METALLURGY

(51) International classification	:C10B53/08,C10B57/04,C21B5/00	(71)Name of Applicant : 1)JFE STEEL CORPORATION Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 JAPAN
(31) Priority Document No	:2010-046061	
(32) Priority Date	:03/03/2010	
(33) Name of priority country	:Japan	(72)Name of Inventor : 1)SATO, Takeshi 2)SUMI, Hiroyuki 3)FUJIMOTO, Hidekazu 4)ANYASHIKI, Takashi 5)SATO, Hideaki
(86) International Application No	:PCT/JP2011/054367	
Filing Date	:25/02/2011	
(87) International Publication No	:WO 2011/108466	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for producing ferro coke by carbonizing a molded object comprising a carbonaceous material and iron ore is provided. The process yields ferro coke which, in a blast furnace, shows enhanced reactivity of the coke contained therein with CO₂. Thus, the temperature of a thermal reserve zone is reduced to enable a reduction in reducing-material ratio. The process for producing ferro coke for metallurgy comprises carbonizing a mixture comprising a carbonaceous material and iron ore to produce the ferro coke, and is characterized in that the ferro coke during the carbonization is heated to a maximum temperature in the range of 800-900°C.

No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2427/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : LIGHT WEIGHT MODULAR WATER PURIFICATION SYSTEM WITH RECONFIGURABLE PUMP POWER OPTIONS

(51) International classification	:C02F1/44,B01D61/08	(71) Name of Applicant : 1)TERRA GROUP CORPORATION Address of Applicant :P.O. Box 8839, Allentown PA 18105 UNITED STATES OF AMERICA
(31) Priority Document No	:12/717,611	
(32) Priority Date	:04/03/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/025977	
Filing Date	:24/02/2011	
(87) International Publication No	:WO 2011/109204	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ACERNESE, Primo, L.
(62) Divisional to Application Number	:NA	2)NOVAK, James
Filing Date	:NA	3)TOTENBIER, Joseph, J.

(57) Abstract :

A modular water purification system is optimized for versatility and weight using a pump component that is mountable by standardized fittings into alternative prime mover modules that can receive and power the pump. The pump can be a heavy high pressure pump for a reverse osmosis stage, interchangeably mounted on an internal combustion engine module or an electric motor module. The pump is enclosed and protected by a frame with end plates, elongated bar handles and a standardized base that fits into and is fixed by a sliding flange and clamping structure, locating the pump precisely to engage a rotational fitting on the pump shaft with a complementary fitting coupled to the prime mover.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/08/2012

(21) Application No.2428/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESS FOR TRANSFORMING POLYPROPYLENE INTO A CRYSTAL MODIFICATION OF HIGH TRANSPARENCY AND ARTICLES RESULTING FROM SAID PROCESS

(51) International classification	:B29C47/48,B29C47/88,C08K5/00
(31) Priority Document No	:10158393.8
(32) Priority Date	:30/03/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/054774
Filing Date	:29/03/2011
(87) International Publication No	:WO 2011/120945
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BOREALIS AG

Address of Applicant :Wagramerstraße 17-19 A-1220 Vienna, Austria

(72)Name of Inventor :

1)OBADAI, Martin

2)RUEMER, Franz

3)KALIAPPAN, Senthil, Kumar

4)SANDHOLZER, Martina

(57) Abstract :

The invention relates to a process for producing polypropylene articles comprising a high relative content of the orthorhombic gamma- crystal modification by applying four consecutive process steps, namely (a) heating a polypropylene composition comprising a propylene random copolymer and an alpha-crystal nucleating agent to form a melt, (b) shearing said melt at a high apparent shear rate, (c) shaping said melt into an article, and (d) cooling said melt in a specific range of cooling rate to obtain polypropylene articles of high transparency.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2429/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/08/2012

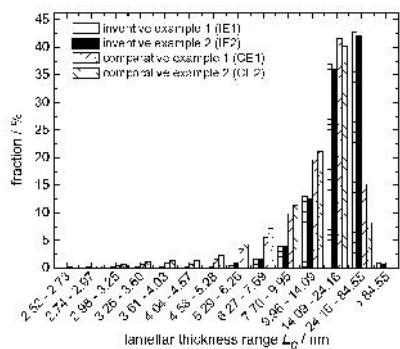
(43) Publication Date : 03/05/2013

(54) Title of the invention : HETEROPHASIC POLYPROPYLENE WITH EXCELLENT CREEP PERFORMANCE

(51) International classification	:C08L23/10,F16L9/12	(71)Name of Applicant :
(31) Priority Document No	:10157223.8	1)BOREALIS AG
(32) Priority Date	:22/03/2010	Address of Applicant :IZD Tower Wagramerstra e 17-19
(33) Name of priority country	:EPO	A-1220 Vienna, Austria
(86) International Application No	:PCT/EP2011/053807	(72)Name of Inventor :
Filing Date	:14/03/2011	1)BERGSTRA, Michiel
(87) International Publication No	:WO 2011/117103	2)LESKINEN, Pauli
(61) Patent of Addition to Application Number	:NA	3)MALM, Bo
Filing Date	:NA	4)KOCK, Cornelia
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Heterophasic propylene copolymer comprising (a) a matrix (M) being a polypropylene (PP), said polypropylene (PP) has a polydispersity index (PI) of at least 5.0, and (b) an elastomeric propylene copolymer (EC) dispersed in said matrix (M), wherein (i) said heterophasic propylene copolymer has a melt flow rate MFR2 (230 °C) of equal or below 1.0 g/10min, (ii) the amorphous phase (AM) of the xylene cold soluble fraction (XCS) of the heterophasic propylene copolymer has an intrinsic viscosity (IV) of at least 3.5 dl/g.



No. of Pages : 49 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2408/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/08/2012

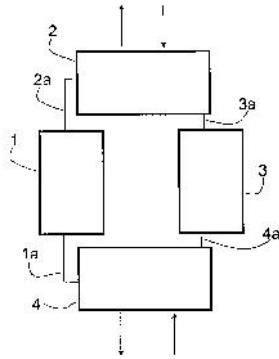
(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND APPARATUS FOR STORING AND RELEASING HEAT BY MEANS OF A PHASE CHANGE MATERIAL

(51) International classification	:F28D20/02	(71) Name of Applicant :
(31) Priority Document No	:10 2010 009 181.2	1) FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
(32) Priority Date	:24/02/2010	Address of Applicant : Hansastrasse 27c, 80686 Muenchen, Germany
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/000570	(72) Name of Inventor :
Filing Date	:08/02/2011	1) NEUHÄUSER, Anton 2) NITZ, Peter 3) PLATZER, Werner
(87) International Publication No	:WO 2011/103963	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for storing and releasing heat by means of a phase change material. In said method, a phase change is caused in a first heat exchanging device (4) by supplying heat during a charging process in a storage medium comprising a phase change material in order to store the heat as latent heat in the storage medium, and a phase change is caused in the storage medium while heat is dissipated during a discharging process in the first or another heat exchanging device (2). The invention is characterized in that at least predominantly non-encapsulated phase change material is used as storage medium, the storage medium is fed to the first heat exchanging device (4) as a fluid stream or particle stream during the charging process and is discharged when the phase change has been completed, the storage medium is fed to the first or another heat exchanging device (2) as a fluid stream during the discharging process and is discharged from the heat exchanging device as a fluid stream or particle stream when the phase change has been completed, the storage medium is temporarily stored in a first storage tank (1) following the charging process and/or in the first or another storage tank (3) following the discharging process, and the storage medium is actively conveyed and heat is exchanged during the phase change as the charging process and/or the discharging process take place. The invention further relates to an apparatus for storing and releasing heat by means of a phase change material.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2409/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : WATERMARK SIGNAL PROVIDER AND METHOD FOR PROVIDING A WATERMARK SIGNAL

(51) International classification :G10L19/00
(31) Priority Document No :10154948.3
(32) Priority Date :26/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/052694
Filing Date :23/02/2011
(87) International Publication No :WO 2011/104283
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)FRAUNHOFER-GESELLSCHAFT ZUR
FOERDERUNG DER ANGEWANDTEN FORSCHUNG
E.V.

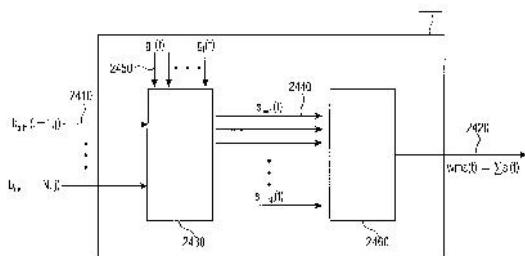
Address of Applicant :Hansastra e 27c, 80686 Muenchen,
Germany

(72)Name of Inventor :

1)ZITZMANN, Reinhard
2)WABNIK, Stefan
3)PICKEI, JÖrg
4)GREEVENBOSCH, Bert
5)GRILL, Bernhard
6)EBERLEIN, Ernst
7)DEL GALDO, Giovanni
8)KRÄGELOH, Stefan
9)BLIEM, Tobias
10)BORSUM, Juliane
11)BREILING, Marco

(57) Abstract :

A watermark signal provider for providing a watermark signal in dependence on a time frequency-domain representation of watermark data, in which the time-frequency-domain representation comprises values associated to frequency subbands and bit intervals, the watermark signal provider comprises a time-frequency-domain waveform provider to provide time-domain waveforms for a plurality of frequency subbands, based on the time- frequency-domain representation of the watermark data. The time-frequency-domain waveform provider is configured to map a given value of the time- frequency-domain representation onto a bit shaping function. A temporal extension of the bit shaping function is longer than the bit interval associated to the given value of the time-frequency-domain representation, such that there is a temporal overlap between bit shaped functions provided for temporally subsequent values of the time-frequency-domain representation of the same frequency subband. A time-domain waveform of a given frequency subband contains a plurality of bit shaped functions provided for temporally subsequent values of the time- frequency-domain representation of the same frequency band. The water mark signal provider further comprises a time-domain waveform combiner, to combine the provided time-domain waveforms for the plurality of frequencies of the time- frequency-domain provider to derive the watermark signal.



No. of Pages : 80 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2431/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : INFINITELY VARIABLE TRANSMISSIONS, CONTINUOUSLY VARIABLE TRANSMISSIONS, METHODS, ASSEMBLIES, SUBASSEMBLIES, AND COMPONENTS THEREFOR

(51) International classification	:F16H15/28,B62M23/00	(71) Name of Applicant : 1)FALLBROOK INTELLECTUAL PROPERTY COMPANY LLC. Address of Applicant :9444 Waples Street, Suite 410, San Diego, CA 92121, U.S.A.
(31) Priority Document No	:61/310,224	
(32) Priority Date	:03/03/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/026756	
Filing Date	:01/03/2011	
(87) International Publication No	:WO 2011/109444	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Inventive embodiments are directed to components, subassemblies, systems, and/or methods for infinitely variable transmissions (IVT). In one embodiment, a control system is adapted to facilitate a change in the ratio of an IVT. In another embodiment, a control system includes a carrier member configured to have a number of radially offset slots. Various inventive carrier members and carrier drivers can be used to facilitate shifting the ratio of an IVT. In some embodiments, the traction planet assemblies include planet axles (115) configured to cooperate with the carrier members (116, 118). In one embodiment, the carrier member is configured to rotate and apply a skew condition to each of the planet axles. In some embodiments, a carrier member is operably coupled to a carrier driver. In some embodiments, the carrier member is configured to couple to a source of rotational power. Among other things, shift control interfaces for an IVT are disclosed.

No. of Pages : 56 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/08/2012

(21) Application No.2296/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : APPARATUS AND METHOD FOR MODIFYING AN AUDIO SIGNAL USING HARMONIC LOCKING

(51) International classification :G10H1/08,G10H1/20,G10H3/12
(31) Priority Document No :61/308,513
(32) Priority Date :26/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/052834
Filing Date :25/02/2011
(87) International Publication No :WO 2011/104354
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.

Address of Applicant :Hansaстр. 27c, 80686 München, Germany

(72)Name of Inventor :

1)DISCH, Sascha

(57) Abstract :

An apparatus for modifying an audio signal comprises a filterbank processor, a fundamental determiner, an overtone determiner, a signal processor and a combiner. The filterbank processor generates a plurality of bandpass signals based on an audio signal and the fundamental determiner selects a bandpass signal of the plurality of bandpass signals to obtain a fundamental bandpass signal. Further, the overtone determiner identifies a bandpass signal of the plurality of bandpass signals fulfilling an overtone criterion regarding the selected fundamental bandpass signal to obtain an overtone bandpass signal associated to the selected fundamental bandpass signal. The signal processor modifies the selected fundamental bandpass signal based on a predefined modification target. Additionally, the signal processor modifies an identified overtone bandpass signal associated to the selected fundamental bandpass signal depending on the modification of the selected fundamental bandpass signal. Further, the combiner combines the plurality of bandpass signals to obtain a modified audio signal.

No. of Pages : 70 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2297/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : FLUOROMETRIC SENSOR

(51) International classification	:G01N21/64,G01N21/33
(31) Priority Document No	:12,750,806
(32) Priority Date	:31/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2011/051344
Filing Date	:29/03/2011
(87) International Publication No	:WO 2011/121547
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ECOLAB USA INC.

Address of Applicant :370 N. Wabasha Street, St. Paul, Minnesota 55102, United States of America

(72)Name of Inventor :

1)TOKHTUEV, Eugene

2)CHRISTENSEN, William M.

3)OWEN, Christopher J.

4)SLOBODYAN, Viktor

5)SKIRDA, Anatoly

(57) Abstract :

Embodiments provide an optical sensor head and method of making an optical sensor head. In some cases the sensor head can be used as a fluorometric sensor to measure concentrations of substances within a liquid sample of interest. The sensor head includes a light source window and a detector window that transmit light between the sensor head and an analytical area. In some cases the windows include a ball lens positioned within a channel such that the ball lens and the channel create a seal between the interior and exterior of the sensor head.

No. of Pages : 60 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2419/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR PROSTATE TREATMENT

(51) International classification	:A61B18/04	(71) Name of Applicant :
(31) Priority Document No	:61/317,358	1)NXTHERA, INC.
(32) Priority Date	:25/03/2010	Address of Applicant :4186 Lexington Ave. N., St. Paul, MN 55126 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2011/029993	1)HOEY, Michael
Filing Date	:25/03/2011	2)SCHROM, Mark
(87) International Publication No	:WO 2011/119957	3)PAULOS, Stephanos
(61) Patent of Addition to Application Number	:NA	4)BEYREIS, Randall
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vapor delivery needle is provided that may include any of a number of features. One feature of the energy delivery probe is that it can apply condensable vapor energy to tissue, such as a prostate, to shrink, damage, denature the prostate. In some embodiments, the needle can ablate a continuous lobe region in the prostate parallel to the urethral wall. Another feature of the vapor delivery needle is that it can introduce a cooling fluid into the urethra during treatment. Methods associated with use of the energy delivery probe are also covered.

No. of Pages : 49 No. of Claims : 69

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/08/2012

(21) Application No.2421/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR MINIMALLY INVASIVE SURGICAL PROCEDURES

(51) International classification :A61B17/68,A61B17/70,A61B17/84
(31) Priority Document No :12/715,908
(32) Priority Date :02/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/026857
Filing Date :02/03/2011
(87) International Publication No :WO 2011/109507
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)WARSAW ORTHOPEDIC, INC.

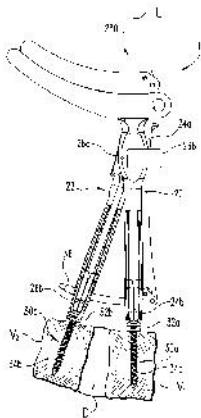
Address of Applicant :2500 Silveus Crossing, Warsaw,
Indiana 46581 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)JUSTIS, Jeff R.

(57) Abstract :

One nonlimiting embodiment of the present application is directed to a system for positioning a connecting element adjacent one or more bones or bony portions, such as the spinal column, through a minimally invasive surgical approach. The system generally includes a number of bone anchors engageable to the one or more bones or bony portions and a number of anchor extenders removably engaged to the bone anchors. A connecting element inserter instrument is engageable with one of the anchor extenders and is movable along a longitudinal axis of the anchor extender. As the inserter instrument is moved along the longitudinal axis toward the bone anchors, a leading end of the connecting element is rotated away from the longitudinal axis and the connecting element is positioned at a location adjacent the number of bone anchors in a minimally invasive surgical procedure. However, in other embodiments, different forms and applications are envisioned.



No. of Pages : 56 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2432/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : ROTOR FASTENING MEANS

(51) International classification	:F04D29/20,F04D29/42,F04D29/58
(31) Priority Document No	:102010011695.5
(32) Priority Date	:17/03/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/053937
Filing Date	:16/03/2011
(87) International Publication No	:WO 2011/113849
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KSB AKTIENGESELLSCHAFT

Address of Applicant :Johann-Klein-Stra e 9, 67227
Frankenthal, Germany

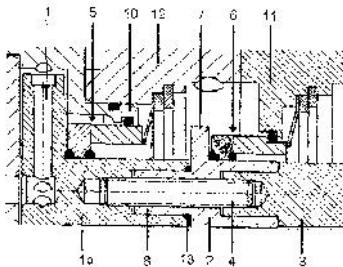
(72)Name of Inventor :

1)PAHLEN, Joachim

2)STAHR, Jens Ulrich

(57) Abstract :

A rotor fastening means, in particular for the connection between a drive shaft (3) and a rotor hub (1a) of a centrifugal-pump assembly, having a fitting surface and at least one contact surface at the drive-shaft end. The drive-shaft end is provided with a central hole with internal thread. A fitting surface and at least one contact surface are formed on the rotor hub (1a). The rotor hub (1a) is provided with a central hole with internal thread. An intermediate shaft (2) is provided between the drive shaft (3) and the rotor hub (1a) in order to connect the rotor hub (1a) to the drive shaft (3), wherein a fitting surface and at least one contact surface are formed in each case at both ends of the intermediate shaft (2) for alignment, and means are provided for connecting the intermediate shaft (2) to the drive shaft (3) and the rotor hub (1a), wherein a seal is arranged on the intermediate shaft (2).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2433/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : HOUSEHOLD APPLIANCE COMPRISING A REMOVABLE KICK PANEL

(51) International classification	:D06F39/12,A47L15/42
(31) Priority Document No	:12/722,864
(32) Priority Date	:12/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2011/053668
Filing Date	:11/03/2011
(87) International Publication No	:WO 2011/110656
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH

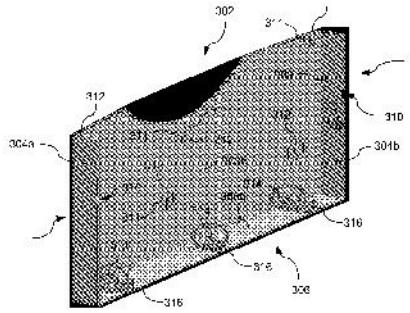
Address of Applicant :Carl-Wery-Str.34, 81739, München,
Germany

(72)Name of Inventor :

1)STEGERWALD, Gerhard

(57) Abstract :

A kick panel (300) for a household appliance, wherein the household appliance (100) includes a housing body and a front panel (200) defining a front of the housing body, the front panel (200) including a front wall (302) and a first side wall adjacent to a first end of the front wall of the front panel, the first side wall of the front panel including a cut-out (208). The kick panel includes a front wall (302) and a first side wall (304) adjacent to a first end of the front wall of the kick panel, wherein an inner concealed surface of the first side wall (304b) of the kick panel includes a catch device (308) extending therefrom for engaging the cut-out of the front panel and securing the kick panel to the front panel, and wherein the kick panel conceals the catch device from view when viewed from a front of the household appliance.



No. of Pages : 55 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2434/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : MULTIPLE POSITION PIPE HANGER CLAMP

(51) International classification	:F16L3/10	(71) Name of Applicant :
(31) Priority Document No	:2010900656	1)SITKA DEVELOPMENTS PTY LTD
(32) Priority Date	:04/02/2010	Address of Applicant :Level 24, 12 Eagle Street, Brisbane, Queensland 4000 AUSTRALIA
(33) Name of priority country	:Australia	(72) Name of Inventor :
(86) International Application No	:PCT/AU2011/000105	1)HAMMOND, John
Filing Date	:03/02/2011	2)TOMASI, Francesco
(87) International Publication No	:WO 2011/094808	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multiple position pipe hanger clamp (800) enables more efficient installation of piping. The clamp (800) includes a support member (825) and an upper clamp component (810) attached to the support member (825). A first section extends away from the support member (825) to an upper hinge end (815) and a second section extends away from the support member (825) to an upper tightening end. A lower clamp component (805) includes a lower hinge end (820) and a lower tightening end. A multiple position clamp mechanism (830) clamps the lower tightening end to the upper tightening end. The upper hinge end (815) is hingedly attached to the lower hinge end (820) and the clamp mechanism (830) is moveable between a loose position that supports the lower tightening end loosely adjacent the upper tightening end and a tight position that supports the lower tightening end tightly adjacent the upper tightening end.

No. of Pages : 37 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2012

(21) Application No.2436/KOLNP/2012 A

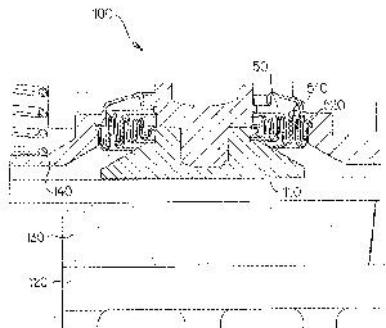
(43) Publication Date : 03/05/2013

(54) Title of the invention : THERMAL PROTECTION FOR DISC BRAKE COMPONENTS

(51) International classification	:F16D65/00	(71) Name of Applicant :
(31) Priority Document No	:12/731,473	1)BENDIX SPICER FOUNDATION BRAKE LLC
(32) Priority Date	:25/03/2010	Address of Applicant :901 Cleveland Street, Elyria, OH
(33) Name of priority country	:U.S.A.	44035 UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2011/028995	(72) Name of Inventor :
Filing Date	:18/03/2011	1)SIEBKKE, Alf
(87) International Publication No	:WO 2011/119428	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A disc brake for a motor vehicle is provided. The disc brake includes a brake disc, a brake caliper configured to straddle the brake disc a tappet carried by the brake caliper and arranged to push a brake pad against the brake disc, and a bellows provided between the brake caliper and the tappet to seal a gap between the brake caliper and the tappet. A layer of flexible thermal insulation material may be provided between the bellows and the tappet. The layer of flexible thermal insulation material is configured to protect an outer surface of the bellows facing the brake pad from exposure to heat. Alternatively, the bellows may include a layer of flexible thermal insulation material on which an elastomer layer is formed. The layer of flexible thermal insulation material is configured to face the brake pad.



No. of Pages : 37 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2440/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/08/2012

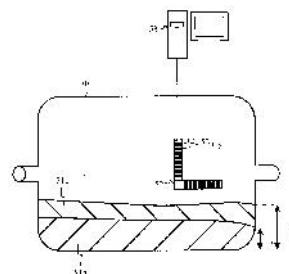
(43) Publication Date : 03/05/2013

(54) Title of the invention : A PROBE INDICATING INTERMATERIAL BOUNDARIES

(51) International classification	:G01F23/26,G01V3/08	(71) Name of Applicant : 1)OUTOTEC OYJ Address of Applicant :Riihitontuntie 7 FI-02200 Espoo FINLAND
(31) Priority Document No	:20105197	
(32) Priority Date	:01/03/2010	
(33) Name of priority country	:Finland	
(86) International Application No	:PCT/FI2011/050169	(72) Name of Inventor :
Filing Date	:25/02/2011	1)KAIPIO, Jari
(87) International Publication No	:WO 2011/107657	2)VAUHKONEN, Marko
(61) Patent of Addition to Application Number	:NA	3)REUNANEN, Juha
Filing Date	:NA	4)LEHIKOINEN, Anssi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes a method, apparatus and computer program for detecting the locations of boundaries between different materials in a desired measurement volume. The apparatus uses at least one measuring probe, the electrodes of which are characterized in that they together form an assembly that differs from a straight line. In addition, a volume at a further distance from the assembly can also be observed by the assembly, so that measurements can be conducted remotely and, on the other hand, the apparatus stays unbroken in diverse measurement situations. By using the EIT- measurement and applying for example a so-called 1D-o-method or methods of machine learning, electrical conductivity distributions in the measured volume are detected. As a result the locations of the possible boundaries between different materials or for example thicknesses of different material layers are detected.



No. of Pages : 44 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2441/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/08/2012

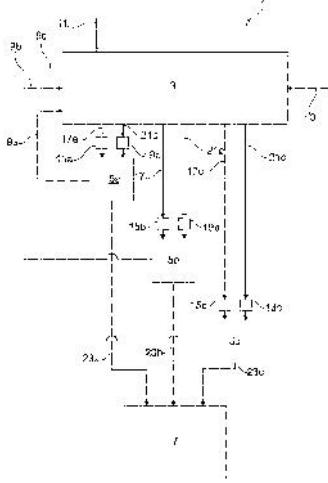
(43) Publication Date : 03/05/2013

(54) Title of the invention : COMPUTER-BASED METHOD AND DEVICE FOR AUTOMATICALLY PROVIDING CONTROL PARAMETERS FOR A PLURALITY OF COAL MILLS SUPPLYING COAL POWDER TO A PLANT

(51) International classification	:G05B17/02,G05B13/04	(71)Name of Applicant :
(31) Priority Document No	:10157555.3	1)ABB RESEARCH LTD
(32) Priority Date	:24/03/2010	Address of Applicant :Affolternstrasse 44, CH-8050 Zürich
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/053161	(72)Name of Inventor :
Filing Date	:03/03/2011	1)MERCANGOEZ, Mehmet
(87) International Publication No	:WO 2011/117051	2)MATHUR, Tarun
(61) Patent of Addition to Application Number	:NA	3)VON HOFF, Thomas
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer-based method and a computing device (3) for automatically providing control parameters for a plurality of coal mills (5a, 5b, 5c) supplying coal powder for example to a furnace (7) of a power plant is proposed. The method comprises (a) acquiring a multiplicity of operation variables indicative of a load of an individual coal mill for each of the coal mills by measuring actual parameters indicative of a coal mill operation; (b) acquiring a demand variable indicative of a coal demand from the plant; (c) supplying the acquired multiplicity of operation variables and the demand variable to a computing system; (d) calculating the control parameters based on the multiplicity of operation variables and the demand variable using a multivariable calculation algorithm in particular a model predictive algorithm; (e) providing the calculated control parameters for controlling an operation of each coal mill individually; and (f) repeating steps (a)-(e). Due to using a multivariable calculation algorithm for calculating the control parameters taking into account a multiplicity of actual operation variables and demand variables from components of the power plant the coal grinding load may be optimally allocated to each individual coal mill thereby enabling high efficiency and high velocity ramp up or ramp down of the plant operation.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2442/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : MAGNETIC CIRCUIT DEVICE FOR A MAGNETIC INDUCTIVE FLOW METER

(51) International classification	:G01F1/58
(31) Priority Document No	:10 2011 009 062.2
(32) Priority Date	:20/01/2011
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2012/000261
Filing Date	:20/01/2012
(87) International Publication No	:WO 2012/098007
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KROHNE AG

Address of Applicant :Uferstrasse 90, CH-4019 Basel,
Switzerland

(72)Name of Inventor :

1)NEUBURGER Stephan

2)PAUL Chris

3)NEVEN Jef

(57) Abstract :

What is described and illustrated is: a magnetic circuit apparatus (1) for implementing the magnetic circuit of a magnetically inductive flowmeter, with at least one coil (2b) inducing a magnetic field, with at least two mutually opposite two-dimensional pole elements (3a, 3b), between which, in the installed State, the measuring tube of the magnetically inductive flowmeter is located, and with at least one magnetically conductive connecting element (4a, 4b) for magnetically closing the magnetic circuit. According to the invention, the cross section of the coil core (2a) of the coil (2) and/or of the magnetically conductive connecting element or the magnetically conductive connecting elements (4a, 4b) is as small as possible. Preferably, the magnetically conductive connecting element or the magnetically conductive connecting elements (4a, 4b) is/are arcuate, with the result that the resulting magnetic circuit apparatus (1) has an annular outer contour and surrounds at least one of the two-dimensional pole elements (3a, 3b) with a wide gap.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/08/2012

(21) Application No.2430/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : CONTAINER-LIFTING SPREADER WITH DRIVE FOR THE TELESCOPIC MOVEMENT OF SPREADER'S BEAMS PROTECTED AGAINST DAMAGE BY COLLISION

(51) International classification	:B66C1/66,B66C1/10,B66F9/18
(31) Priority Document No	:1050176-5
(32) Priority Date	:24/02/2010
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2011/050194 :22/02/2011
Filing Date	
(87) International Publication No	:WO 2011/105955
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	
(62) Divisional to Application Number	:NA :NA
Filing Date	

(71)Name of Applicant :

1)CARGOTEC SWEDEN AB

Address of Applicant :Box 1133 S-164 22 Kista, Sweden

(72)Name of Inventor :

1)HELLGREN, Anders

(57) Abstract :

A container- lifting spreader is disclosed, comprising at least two beams (1, 2) which are movably supported in a housing (3) and provided a drive by which the beams can be driven in telescopic movements for adjusting the length of the spreader, the drive comprising an electric motor (5) and a pusher (7) acting on the beams, the pusher interconnecting the beams for simultaneous telescopic movements in mutually opposite directions in the longitudinal direction of the spreader, and a power transmission (6) operatively coupled between the motor (5) and the pusher (7), the power transmission comprising an input shaft (11) carrying an external gear ring (12) driven by the motor, and an output shaft (14) likewise carrying an external gear ring (13) that operates the pusher, the gear rings (12, 13) in mutual engagement forming an angle gear (11, 12, 13, 14) arranged with an irreversible mesh of teeth such that rotation of the input shaft causes rotation of the output shaft whereas the reverse is prohibited by the irreversible mesh of teeth. A cut-off coupling is arranged in the power transmission, between the angle gear (11, 12, 13, 14) and the pusher, the cut-off coupling arranged to release in result of an abnormal torsional moment being externally applied to the output shaft (14).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2445/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : CONTAINER-LIFTING SPREADER WITH ABSOLUTE POSITIONING OF TWIST-LOCKS

(51) International classification	:B66C1/66,B66F9/18	(71)Name of Applicant :
(31) Priority Document No	:1050175-7	1)CARGOTEC SWEDEN AB
(32) Priority Date	:24/02/2010	Address of Applicant :Box 1133 S-164 22 Kista, Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2011/050195	1)HELLGREN, Anders
Filing Date	:22/02/2011	
(87) International Publication No	:WO 2011/105956	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A container-lifting spreader is disclosed, the spreader comprising locking pins (3,4) that are insertable into seats formed at the corners of a shipping container and upon rotation about their longitudinal axes can be brought in locked engagement with the container wherein the locking pins are in pairs associated with a common drive (7) effecting simultaneous rotation of the locking pins between locking and unlocking positions the drive comprising a reversible motor (10) and a power transmission that comprises two push rods (6) respectively each of which is in one end hinged to a locking pin (3 4) and in the other end hinged to an operating lever (15) included in the power transmission and in such way that a driven movement of the operating lever is transferred via the push rods to rotational movements of the locking pins. The operating lever is formed as a pivoting arm (15) supported on a rotatable shaft (14) the arm cooperating with fixed stops (16; 17) that mechanically limit the movement of the operating lever within an angular space (a) determined by the intermediate distance between the fixed stops the fixed stops this way providing absolute positioning of the locking pins in locking and unlocking rotational positions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2012

(21) Application No.2446/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : ANTENNA ASSEMBLY AND ANTENNA STRUCTURE WITH IMPROVED SIGNAL-TO-NOISE RATIO

(51) International classification	:H01Q1/12,H01Q1/44,H01Q1/48
(31) Priority Document No	:10165892.0
(32) Priority Date	:14/06/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/059807
Filing Date	:14/06/2011
(87) International Publication No	:WO 2011/157689
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SAINT-GOBAIN GLASS FRANCE

Address of Applicant :18 Avenue d'Alsace, F-92400 Courbevoie, France

(72)Name of Inventor :

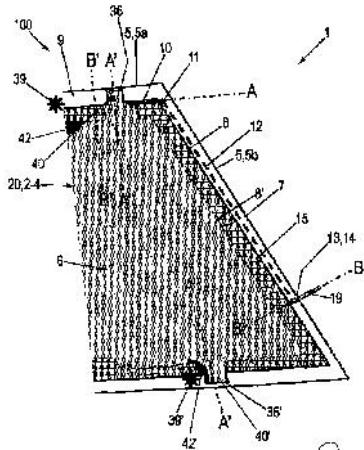
1)VORTMEIER, Gunther

2)DEGEN, Christoph

3)DROSTE, Stefan

(57) Abstract :

The invention relates to an antenna assembly, comprising at least one insulating substrate, at least one conductive coating, which covers at least some sections of a surface of the substrate and is used at least in some sections as a flat top antenna for receiving electromagnetic waves, at least one first coupling electrode which is electrically coupled to the conductive coating for extracting data signals from the flat top antenna, at least one source of interference, which is disposed such that interfering signals can be received by the flat top antenna, a structure which serves as a ground and which is electrically conductive, and at least one second coupling electrode which is electrically coupled to the conductive coating for extracting interfering signals that are received by the flat top antenna from the flat top antenna. The at least one second coupling electrode comprises a first coupling surface, and the conductive structure comprises a second coupling surface that is capacitively coupled to the first coupling surface, wherein the two coupling surfaces are designed such that they selectively allow the transmission of a frequency range that corresponds to the interfering signals to be extracted from the flat top antenna.



No. of Pages : 52 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2443/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : COMMUNICATION DURATION CONFIGURING METHOD, RELAY STATION, MOBILE STATION AND MOBILE COMMUNICATION SYSTEM

(51) International classification :H04W72/04,H04B7/15,H04W16/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2010/001773
Filing Date :12/03/2010
(87) International Publication No :WO 2011/111110
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)FUJITSU LIMITED

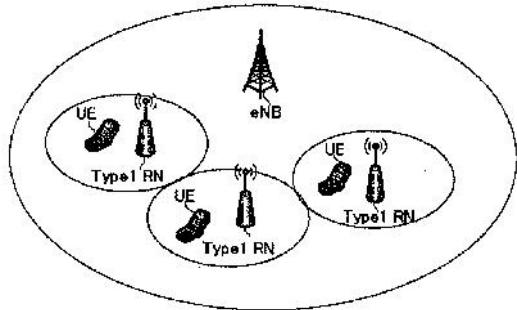
Address of Applicant :1-1, Kamikodanaka 4-chome,
Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, JAPAN

(72)Name of Inventor :

1)OHTA Yoshiaki
2)KAWASAKI Yoshihiro
3)TANAKA Yoshinori
4)YANO Tetsuya

(57) Abstract :

A back-haul is established in such a manner that the HARQ process, in which an upstream access link HARQ partially or entirely cannot be executed, is limited to a particular one of a plurality of HARQ processes. As a result, the complexity of the scheduling is reduced and the efficiency of the access link is improved.



No. of Pages : 118 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2012

(21) Application No.2444/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : APPARATUS AND METHOD FOR HANDLING TRANSIENT SOUND EVENTS IN AUDIO SIGNALS WHEN CHANGING THE REPLAY SPEED OR PITCH

(51) International classification	:G10L21/02,G10L21/04	(71)Name of Applicant :
(31) Priority Document No	:61/312,131	1)FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
(32) Priority Date	:09/03/2010	Address of Applicant :Hansastra e 27c, 80686 Muenchen, Germany
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/EP2011/053303	(72)Name of Inventor :
Filing Date	:04/03/2011	1)DISCH, Sascha
(87) International Publication No	:WO 2011/110496	2)NAGEL, Frederik
(61) Patent of Addition to Application Number	:NA	3)WILDE, Stephan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for processing an audio signal comprises an overlap-add stage for overlapping and adding blocks of a corresponding one of a plurality of subband signals using an overlap- add-advance value being different from a block extraction advance value. The apparatus further comprises a transient detector for detecting a transient in the audio signal or a subband signal of the plurality of subband signals. The overlap-add stage is configured for reducing an influence of a detected transient or for not using the detected transients when adding. The apparatus further comprises a transient adder for adding a detected transient to a subband signal generated by the overlap/add stage. A related method for processing an audio signal comprises inter alia either reducing an influence or discarding a detected transient when overlapping and adding.

No. of Pages : 48 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/08/2012

(21) Application No.2467/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR TRANSMITTING CONTROL CHANNEL TO RELAY NODE IN WIRELESS COMMUNICATION SYSTEM AND APPARATUS THEREOF

(51) International classification :H04B7/14,H04J11/00,H04W72/04
(31) Priority Document No :61/327,090
(32) Priority Date :22/04/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2011/002850
Filing Date :20/04/2011
(87) International Publication No :WO 2011/132945
(61) 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)KIM, Hak Seong

2)KIM, Byoung Hoon

3)LEE, Dae Won

4)KIM, Ki Jun

(57) Abstract :

A method for transmitting a relay node specific downlink physical control channel (R PDCCH) at a base station in a wireless communication system is disclosed. More specifically the method includes the steps of allocating one or more Resource Blocks (RBs) for the relay node specific downlink physical control channel mapping the relay node specific downlink physical control channel to the one or more resource blocks and transmitting the relay node specific downlink physical control channel to the relay node by using the one or more resource blocks wherein the mapping step includes mapping the relay node specific downlink physical control channel along a frequency direction in a symbol belonging to a lowermost index among the one or more resource blocks and then mapping the relay node specific downlink physical control channel along the frequency direction in a symbol belonging to a next index.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2468/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : HYDRAULIC PERCUSSIVE ARRANGEMENT, PISTON GUIDE AND DRILLING RIG

(51) International classification	:B25D9/12,B25D17/06
(31) Priority Document No	:1050316-7
(32) Priority Date	:01/04/2010
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2011/050313
Filing Date	:22/03/2011
(87) International Publication No	:WO 2011/123020
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ATLAS COPCO ROCK DRILLS AB

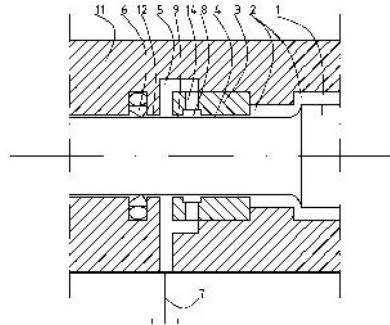
Address of Applicant :S-70191 Örebro Sweden

(72)Name of Inventor :

1)JONSSON, Per

(57) Abstract :

The present invention relates to a hydraulic percussive arrangement comprising a displaceable arrangement (1) in a casing (11) in which casing (11) the following are arranged at the displaceable arrangement (1) : a first chamber (5) connected to a return line (7) for hydraulic oil a bushing (6) on a first side of the first chamber (5) and separated from the first chamber (5) by a first gap (12) along the displaceable arrangement (1) and a second chamber (2) with a higher pressure of hydraulic oil than that of the first chamber (5) and arranged on a second side of the first chamber (5) separated from the first chamber (5) by a second gap (4) along the displaceable arrangement (1). According to the invention a third chamber (8) is fixed arranged between the second gap (4) and the first chamber (5) and the third chamber (8) is connected to the first chamber (5) not only by a first passage (14) but also by a third gap (9) along the displaceable arrangement (1). The invention relates also to a piston guide in such a hydraulic percussive arrangement and to a drilling rig with such a percussive arrangement.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2423/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : LAMINATED COMPOSITE LENS

(51) International classification	:G02C7/04
(31) Priority Document No	:12/727,137
(32) Priority Date	:18/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/028697
Filing Date	:16/03/2011
(87) International Publication No	:WO 2011/116114
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LIGUORI MANAGEMENT

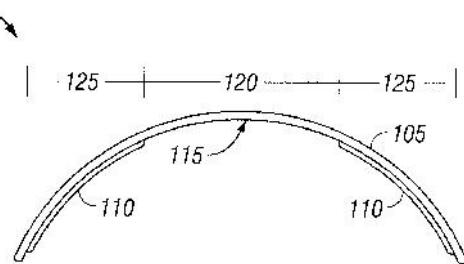
Address of Applicant :16885 Via Del Campo Court, Suite 118, San Diego, CA 92127 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)LEGERTON, Jerome, A.

(57) Abstract :

The present invention is directed to a composite lens, comprising an anterior rigid gas permeable layer, and an annulus of soft material bonded to a posterior surface of the anterior rigid gas permeable layer, wherein a central zone of the composite lens is rigid and without a soft layer, wherein a peripheral zone of the composite lens is generally rigid in its anterior aspect and soft in its posterior aspect.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/08/2012

(21) Application No.2424/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : TRANSPARENTIZATION AGENT COMPOSITION CONTAINING SORBITOL COMPOUND AND METHOD FOR PRODUCING POLYPROPYLENE RESIN COMPOSITION USING THIS SORBITOL COMPOUND

(51) International classification	:C08L23/10,C08K5/06,C08K5/107
(31) Priority Document No	:2010-076182
(32) Priority Date	:29/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/055357
Filing Date	:08/03/2011
(87) International Publication No	:WO 2011/122264
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ADEKA CORPORATION

Address of Applicant :2-35, Higashiogu 7-chome, Arakawa-ku, Tokyo 1168554 JAPAN

(72)Name of Inventor :

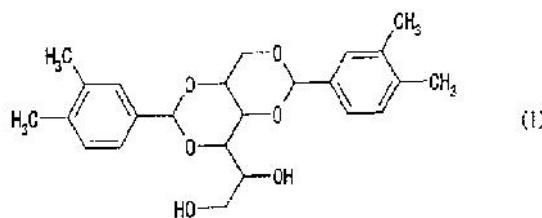
1)HARUNA, Toru

2)TANJI, Naoko

3)MARTIN, Daniel Yataro

(57) Abstract :

Disclosed is a transparentization agent composition that is a mixture of 100 parts by mass of a dibenzylidene sorbitol compound represented by general formula (I) having a particle diameter such that d97 is 30 - 200 μm and 5 - 200 parts by mass tetrakis[3(3,5-di-tert-butyl-4-hydroxyphenyl)propionyloxymethyl]methane such that the total for both of these components is 50% by mass of the mixture or more. Further disclosed is a method for producing a polypropylene resin composition characterized in that, when a polypropylene resin composition, in which the dibenzylidene sorbitol compound represented by general formula (I) having a particle diameter such that d97 is 30 - 200 μm is mixed into a polypropylene resin, is obtained, the mixture, in which 0.05 - 2 parts by mass of the dibenzylidene sorbitol compound is mixed into 100 parts by mass of that polypropylene resin, is kneaded at an extrusion temperature of 220 - 250°C using a biaxial extruder.



No. of Pages : 25 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2012

(21) Application No.2454/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : DEVICE AND METHOD FOR CONTROLLING A FLUID ACTUATOR

(51) International classification	:F15B21/08	(71) Name of Applicant :
(31) Priority Document No	:12/710,039	1)EATON CORPORATION
(32) Priority Date	:22/02/2010	Address of Applicant :Eaton Center, 1111 Superior Avenue, Cleveland, OH 44114-2584, United States of America
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2011/025666	1)ALSTRIN, Kevin, Eric
Filing Date	:22/02/2011	2)LAUER, Peter
(87) International Publication No	:WO 2011/103547	3)ROBB, Bert, W.
(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 controlling the motion of a fluid actuator which includes an electrically operated control valve that controls the flow of a pressurized fluid to and from the fluid actuator in response to signals generated by an actuator controller which uses an on-board, user programmable microprocessor where the user can download various control algorithms into the microprocessor for controlling the motion of the actuator based on such parameters as fluid pressure and flow rates and actuator displacement. Various external sensors can be connected to the controller for monitoring and control purposes using various signal interfaces such as an analog to digital converter or an SSI interface. A local communication bus is used to communicate with one or more slave actuators each having their own electrically operated control valve that controls the flow of a pressurized fluid to and from the slave actuator in response to control signals generated by the controller and sent to the slave control valve over the local bus. Sensors are used to measure various operating parameters of the slave actuator and generate signals that are sent to the controller over the local bus. A supervisory computer is used to send a high level command signal to the controller where the controller generates a closed loop control signal to one or more fluid actuators.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2012

(21) Application No.2455/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : AIR CLEANER WITH ENDCAP COVER

(51) International classification	:B01D46/00	(71) Name of Applicant :
(31) Priority Document No	:61/381,640	1)CUMMINS FILTRATION IP, INC.
(32) Priority Date	:10/09/2010	Address of Applicant :1400-73rd Avenue Ne, Minneapolis, MN 55432, U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2011/050907	1)HOLZMANN Mark V.
Filing Date	:09/09/2011	2)DHIMAN Rejeev
(87) International Publication No	:WO 2012/033959	3)DETTRA Kelly Ann
(61) Patent of Addition to Application Number	:NA	4)ALONZO Jim L.
Filing Date	:NA	5)MORET Guy J.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An air cleaner includes a housing and an air filter element. An endcap of the air filter element provides a removable cover for the housing. The endcap includes removal, insertion, orientation, and retention structure and methods for same. A clamping arrangement is provided with minimal space requirements. Air filter element is inserted into housing in a first axial direction toward first axial end, and is removed from housing in a second axial direction opposite to first axial direction. Housing sidewall has at least one retention-stop surface facing axially in first axial direction. Second endcap includes at least one clamp tab having a retention-engagement surface facing axially in second axial direction. Retention-engagement surface engages retention-stop surface in latching relation upon insertion of air filter element into housing and clamps second endcap to sidewall and maintains second axial end.

No. of Pages : 22 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2012

(21) Application No.2437/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : COMPOSITION COMPRISING AN ACTIVE SUBSTANCE AND A POLYALKYLENEOXIDE VINYLESTER GRAFT POLYMER

(51) International classification :A01N25/02,A01N25/04,A01N43/70
(31) Priority Document No :61/311,636
(32) Priority Date :08/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/053261
Filing Date :04/03/2011
(87) International Publication No :WO 2011/110481
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)BRASHER, Laura, L.

2)CAPRACOTTA, Michael, D.

3)PATTERSON, Sonia

4)MERTOGLU, Murat

5)NOLTE, Marc

6)BECHTEL, Stefan

7)KLAPPACH, Kristin

(57) Abstract :

A composition and a method of preparing the composition are provided herein. The composition comprises an active substance and a polymeric additive comprising at least one unit represented by the formula (I): wherein each R is independently selected from the group of a hydrogen atom, an alkyl group, an aryl group, and combinations thereof; and Z comprises at least 10 units represented by the formula (II): wherein each R1 is independently selected from the group of a hydrogen atom, an alkyl group, an aryl group, a carbonyl group, a hydroxyl group, an ether group, and combinations thereof and R2 is a C1-C10 hydrocarbon group. The polymeric additive further comprising at least one unit represented by the formula (III): wherein A is an alkyleneoxy from 2 to 10 carbon atoms.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2439/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : MATERIALS AND PROCESSES FOR PRODUCING ANTITOXIC FABRICS

(51) International classification	:D04H1/00	(71) Name of Applicant :
(31) Priority Document No	:61/306,810	1)TRIOMED INNOVATIONS CORP.
(32) Priority Date	:22/02/2010	Address of Applicant :40 Allen Road South Burlington, VT
(33) Name of priority country	:U.S.A.	05403-7801 UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2011/025734	(72) Name of Inventor :
Filing Date	:22/02/2011	1)MESSIER, Pierre, J.
(87) International Publication No	:WO 2011/103578	2)OHAYON, David
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a novel method of generating fabrics with outstanding antitoxic properties. The antitoxic properties are imparted to the fabric by introducing an active agent such as an antimicrobial or antiviral agent to the fabric.. The active agent may be introduced into the fabric at multiple stages of the manufacturing process. For nonwoven fabrics the active agent can be introduced during web formation and/or during post-processing steps. The fabrics produced in accordance with the present invention have widespread utility. For instance, they can be used as wound dressings gowns, drapes, air filters, protective clothing and wipes.

No. of Pages : 31 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2460/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : IMAGE PROCESSING DEVICE AND IMAGE CAPTURING DEVICE

(51) International classification :G06T5/00,G06T3/00,H04N1/407
(31) Priority Document No :2010-045916
(32) Priority Date :02/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/054832
Filing Date :24/02/2011
(87) International Publication No :WO 2011/108620
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)RICOH COMPANY, LIMITED

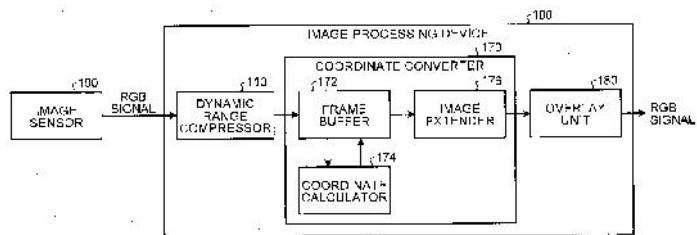
Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku,
Tokyo, 1438555 JAPAN

(72)Name of Inventor :

1)KASAHARA, Ryosuke

(57) Abstract :

An image processing device includes a dynamic range compressor that changes a characteristic of a tone curve depending on a position on input image data so as to compress a dynamic range of the image data, and a coordinate converter that converts coordinates of the image data of which the dynamic range has been compressed.



No. of Pages : 65 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2012

(21) Application No.2461/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : ELECTRIC DEVICE COMPRISING A FEEDTHROUGH OF A CABLE THROUGH A HOUSING WALL

(51) International classification	:H02G3/06
(31) Priority Document No	:10 2010 007 093.9
(32) Priority Date	:06/02/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/051597
Filing Date	:03/02/2011
(87) International Publication No	:WO 2011/095561
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

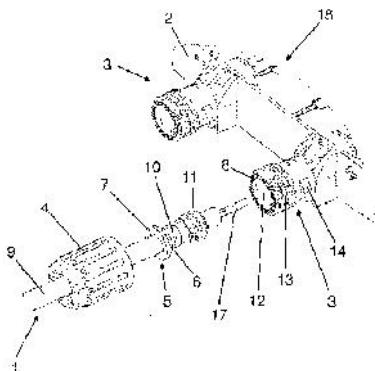
1)KOSTAL INDUSTRIE ELEKTRIK GMBH
Address of Applicant :An der Bellmerei 10 58513
LÜdenscheid Germany

(72)Name of Inventor :

1)KINZL, Niklas
2)SCHMIDT, Kay-Hendryk
3)RILLING, Herwig

(57) Abstract :

The invention relates to an electric device comprising a feedthrough of a cable through a housing wall, comprising a pipe connector disposed on the housing wall, said connector having an end face with toothing, and further comprising a union nut, which in the installed state extends over a sleeve connected to the channel and presses the sleeve against the pipe connector, wherein the sleeve has a toothed annular surface which is seated against the toothing of the pipe connector, wherein the pipe connector is designed integrally with the housing wall, and wherein the sleeve is connected non-displaceably to the exterior of the cable sheath.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2462/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : TEMPERATURE ESTIMATION METHOD AND DEVICE FOR FLUID SYSTEM, AND METHOD FOR ESTIMATING CONCENTRATION AND TEMPERATURE OF SUBSTANCE COMPONENT IN FLUID SYSTEM

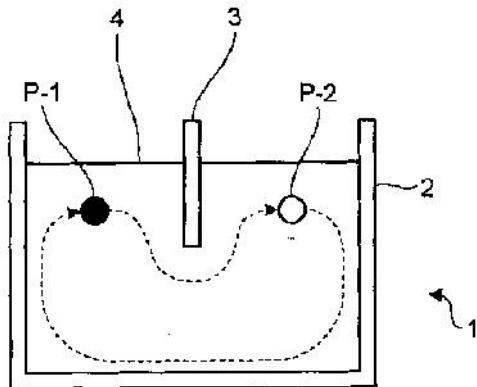
(51) International classification :G01K7/00,B22D11/16,B22D46/00
(31) Priority Document No :2010-024851
(32) Priority Date :05/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/052383
Filing Date :04/02/2011
(87) International Publication No :WO 2011/096518
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)JFE STEEL CORPORATION
Address of Applicant :2-3, Uchisaiwai-cho 2-chome,
Chiyoda-ku, Tokyo 100-0011 JAPAN

(72)Name of Inventor :
1)TAKAHASHI, Koichi
2)ANDO, Makoto
3)ASANO, Kazuya
4)KUYAMA, Shuji
5)FUKUI, Takayuki
6)KUNIMORI, Hiromi

(57) Abstract :

A temperature estimation method for a fluid system which supplies heat and/or discharges heat comprises a temperature measurement step (step S201) in which at two or more arbitrary defined actual temperature measurement points set in the fluid system, the fluid temperature is measured by temperature measurement means disposed at the actual temperature measurement points, and an estimation step (steps S202 S204) in which at an arbitrarily defined temperature estimation point set in the fluid system, an index relating to the flow field of the fluid system at the temperature estimation point is acquired, the index being found experimentally or by a numerical fluid simulation and the temperature at the temperature estimation point is estimated on the basis of the index and the temperature measured in the temperature measurement step. Consequently, even in a fluid system having a complicated flow field, the temperature of the entire fluid can be estimated without imposing a restriction on the disposition of a temperature measurement device.



No. of Pages : 126 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2463/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : POURING EQUIPMENT AND METHOD OF POURING USING THE POURING EQUIPMENT

(51) International classification :B22D37/00,B22D39/04
(31) Priority Document No :2010-189024
(32) Priority Date :26/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/003712
Filing Date :29/06/2011
(87) International Publication No :WO 2012/026060
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Sintokogio, Ltd.

Address of Applicant :28-12, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi 450-0002 JAPAN

2)Fujawa Denki Co. Ltd.

(72)Name of Inventor :

1)BANNO, Kouichi

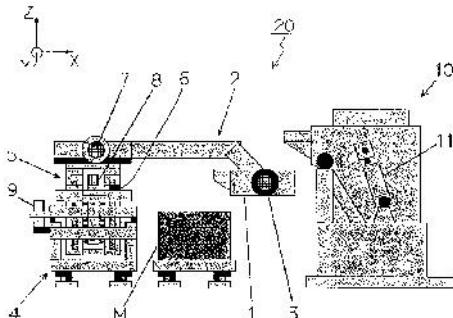
2)HYOUDO, Toshiyuki

3)NISHIDA, Tadashi

4)TERADA, Hideto

(57) Abstract :

The present invention provides pouring equipment of a tilting type that can appropriately pour molten metal at a high speed corresponding to the speed of molding. It also provides a method of pouring the molten metal. The pouring equipment has a holding furnace supplying the molten metal by being tilted a pouring ladle pouring the molten metal supplied from the holding furnace into molds that are intermittently transported, a device for measuring weight of the molten metal in the pouring ladle, and equipment for control that controls the tiltings of the holding furnace and the pouring ladle. The equipment for control has a device for storing results from measurements and devices for calculating the first and second flow rate. The equipment controls the tilting of the ladle so that the ladle pours the molten metal into the mold according to the flow pattern of the product.



No. of Pages : 54 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2464/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : OPTIMIZATION OF VACUUM SYSTEMS AND METHODS FOR DRYING DRILL CUTTINGS.

(51) International classification	:E21B21/06,B03B4/02
(31) Priority Document No	:61/315,357
(32) Priority Date	:18/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000501
Filing Date	:31/03/2010
(87) International Publication No	:WO 2011/113132
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)POMERLEAU, Daniel Guy

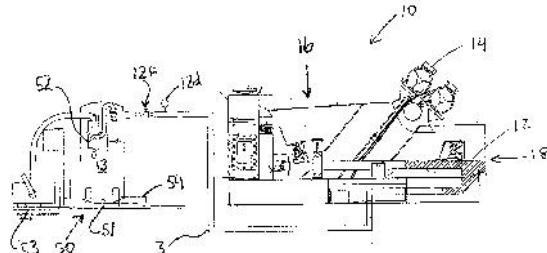
Address of Applicant :3958 Edenstone Road, Calgary,
Alberta T3A 3Z6 CANADA

(72)Name of Inventor :

1)POMERLEAU, Daniel Guy

(57) Abstract :

The invention describes systems and methods for separating fluids from drill cuttings. Specifically the invention relates to shakers that incorporate a vacuum system and methods of operating such systems to effect a high degree of fluid separation. The system and methods are effective across a variety of screen sizes vacuum flows and vacuum designs.



No. of Pages : 54 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2465/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PREPROCESSING AND PROVIDING INFORMATION FOR OPERATING A TECHNICAL INSTALLATION

(51) International classification	:G05B19/418	(71)Name of Applicant :
(31) Priority Document No	:10 2010 011 190.2	1)ABB AG Address of Applicant :Kallstadter Str. 1, 68309 Mannheim,
(32) Priority Date	:11/03/2010	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/001153	1)LEITNER, Stefan, H. 2)DOPPELHAMER, Jens 3)MAHNKE, Wolfgang
Filing Date	:09/03/2011	
(87) International Publication No	:WO 2011/110335	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for preprocessing and as a whole providing data and information relating to an automation system in particular in visual form wherein temporally variable first data and temporally invariable second data are acquired using at least one standardized interface and the acquired first data and the acquired second data are read in via at least one standardized interface are preprocessed and are displayed as a whole in particular are displayed together and are provided. Also included is a corresponding system for carrying out the method wherein at least one data processing device which in interaction with at least one standardized interface acquires temporally variable first data and temporally invariable second data is used to read in the acquired first data and the acquired second data via at least one standardized interface to process in particular preprocess said data and to reproduce said data as a whole in particular together on a display device in a manner displayed as a whole in a view and/or to provide said data via at least one output device for retrieval and for further use and for operating a technical installation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2466/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : APPARATUS FOR ILLUMINATING ROOMS

(51) International classification	:F21S11/00,F21S19/00	(71) Name of Applicant : 1)HELIOBUS AG Address of Applicant :Sittentalstrasse 34 CH-9014 St. Gallen, Switzerland
(31) Priority Document No	:00287/10	
(32) Priority Date	:03/03/2010	
(33) Name of priority country	:Switzerland	
(86) International Application No	:PCT/EP2011/001005	(72) Name of Inventor :
Filing Date	:02/03/2011	1)TOMPKINS, Ken
(87) International Publication No	:WO 2011/107261	2)ZELLWEGER, Roland
(61) Patent of Addition to Application Number	:NA	3)SIGNER, Rudolf
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an apparatus for illuminating rooms with a light shaft (2; 2') having reflecting inner walls (3) an inlet opening (5; 45) for daylight is provided at one end of said light shaft. Subsections (11 12 13; 41 42 43) of the light shaft walls are transparent or translucent. Light deflection modules (21 22 23; 57) for deflecting the light in different directions are arranged in the region of these transparent or translucent subsections (11 12 13; 41 42 43) said light deflection modules (21 22 23; 57) each comprising a number of laminations (25 26 27) which have at least partially a reflecting surface. The quantity of light determined for the individual rooms can therefore be regulated in a simple manner as desired.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2469/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : DERIVATIVES OF AMINOINDANES, THEIR PREPARATION AND THEIR APPLICATION IN THERAPEUTICS

(51) International classification :C07D205/04,C07D207/08,C07D211/56
(31) Priority Document No :10305207.2
(32) Priority Date :01/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/053024
Filing Date :01/03/2011
(87) International Publication No :WO 2011/107474
(61) 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

Address of Applicant :54, rue de la Boétie, F-75008 Paris France

(72)Name of Inventor :

1)FOLLMANN, Markus

2)GOBERVILLE, Pascale

3)HACHTEL, Stéphanie

4)HESSLER, Gerhard

5)KLEEMANN, Heinz-Werner

6)MAIER, Thomas

7)MC CORT, Gary

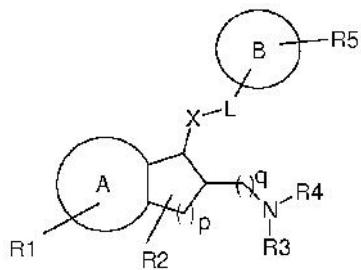
8)STRÜBING, Carsten

9)THIERS, Bérangère

10)WANG, Li-Hsing

(57) Abstract :

The instant invention relates to derivatives of formula (I) and their application in therapeutics.



No. of Pages : 85 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2470/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : ACTIVE RAY CURABLE INK COMPOSITION, ACTIVE RAY CURABLE INKJET INK COMPOSITION AND PRINTING METHOD USING THE SAME

(51) International classification	:C09D11/00,B41M5/00	(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	:2010-048586	
(32) Priority Date	:05/03/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/055436	2)Tokyo University of Science Educational Foundation Administrative Organization
Filing Date	:02/03/2011	
(87) International Publication No	:WO 2011/108757	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)NOGUCHI, Soh
(62) Divisional to Application Number	:NA	2)KIMURA, Okitoshi
Filing Date	:NA	3)ARIMITSU, Koji

(57) Abstract :

An active ray curable ink composition including a photoreaction initiator generating both a base and a radical through irradiation of active rays and a compound having both a functional group reactive with the base and a functional group reactive with the radical.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2471/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 03/05/2013

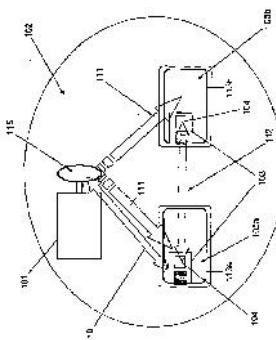
(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING THE PRESENCE OF A SECOND PORTABLE DATA STORAGE MEDIUM BY A FIRST PORTABLE DATA STORAGE MEDIUM

(51) International classification :G06K7/00,G06K19/07,H04B5/00
(31) Priority Document No :10 2010 013 203.9
(32) Priority Date :29/03/2010
(33) Name of priority country:Germany
(86) International Application No :PCT/EP2011/001524
Filing Date :25/03/2011
(87) International Publication No :WO 2011/120662
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GIESECKE & DEVRIENT GMBH
Address of Applicant :Prinzregentenstra e 159, 81677
München Germany
(72)Name of Inventor :
1)FINKENZELLER, Klaus
2)MEISTER, Gisela

(57) Abstract :

The invention relates to a system for detecting the presence of a second portable data storage medium (105b) by means of a first portable data storage medium (105a). The system comprises the data storage media (105a 105b) each having a non contacting interface comprising an antenna and an electronic circuit (103) for saving and/or processing data. The system further comprises an RFID reader (101) for supplying the data storage media with power and for each of the data storage media to communicate with the reader. A further communication means (104) is provided in the first and the second data storage media (105a 105b) respectively by means of which an additional direct communication channel (112) independent of the field (102) of the reader (101) can be provided between the first and the second data storage media (105a 105b) in order for the first data storage medium (105a) to be able to check the immediate presence of the second data storage medium (105b) in the field (102) of the reader (101).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2472/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : HARDWARE AUTOMATIC PERFORMANCE STATE TRANSITIONS IN SYSTEM ON PROCESSOR SLEEP AND WAKE EVENTS

(51) International classification	:G06F1/00	(71) Name of Applicant :
(31) Priority Document No	:12/756,006	1)APPLE INC.
(32) Priority Date	:07/04/2010	Address of Applicant :1 Infinite Loop, Cupertino, California
(33) Name of priority country	:U.S.A.	95014 UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2011/031358	(72) Name of Inventor :
Filing Date	:06/04/2011	1)DE CESARE, Josh
(87) International Publication No	:WO 2011/127128	2)CHO, Jung Wook
(61) Patent of Addition to Application Number	:NA	3)TAKAYANAGI, Toshi
Filing Date	:NA	4)MILLET, Timothy J.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an embodiment a power management unit (PMU) may automatically transition (in hardware) the performance states of one or more performance domains in a system. The target performance states to which the performance domains are to transition may be programmable in the PMU by software and software may signal the PMU that a processor in the system is to enter the sleep state. The PMU may control the transition of the performance domains to the target performance states and may cause the processor to enter the sleep state. In an embodiment the PMU may be programmable with a second set of target performance states to which the performance domains are to transition when the processor exits the sleep state. The PMU may control the transition of the performance domains to the second targeted performance states and cause the processor to exit the sleep state.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2488/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : SURFACE-TREATMENT DEVICE

(51) International classification	:B24C9/00,B24C3/32	(71) Name of Applicant : 1)SINTOKOGIO, LTD. Address of Applicant :28-12, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi 450-0002 JAPAN
(31) Priority Document No	:2010-171022	
(32) Priority Date	:29/07/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/054626	
Filing Date	:01/03/2011	
(87) International Publication No	:WO 2012/014514	
(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 surface treatment device that can prevent a shot material from remaining on a target object or minimize the incidence thereof. A piece of H section steel (the target object) (12) is conveyed by a conveyance device (20) and a shot device (24A 24B) fires a shot material at said H section steel. A nozzle (30A) of an air blower (30) is disposed above the conveyance path downstream of the shot device (24A 24B) in the conveyance direction and said air blower (30) blows a gas towards the top surface (112A) side of the H section steel (12). Shot material on top of the H section steel (12) is thus blown away and removed.

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2012

(21) Application No.2456/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SEAMLESS STEEL PIPE FOR STEAM INJECTION AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C22C38/00,B21B23/00,C21D8/10
(31) Priority Document No	:2010-063240
(32) Priority Date	:18/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/054882
Filing Date	:03/03/2011
(87) International Publication No	:WO 2011/114896
(61) 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 METAL INDUSTRIES, LTD.

Address of Applicant :5-33, Kitahama 4-chome, Chuo-ku
Osaka-shi, Osaka, JAPAN

(72)Name of Inventor :

1)ISHIYAMA, Tomoyuki

2)ARAI, Yuji

(57) Abstract :

Disclosed is a steel pipe for steam injection, which exhibits high yield stress even at a temperature of 350°C. Specifically disclosed is a seamless steel pipe for steam injection which has a chemical composition that includes,in terms of mass% 0.03-0.08% C, 0.05-0.5% Si, 1.5- 3.0% Mn more than 0.4 but at most 1.2% Mo, 0.005-0.100% Al, 0.001-0.005% Ca,0.002-0.015% N, at most 0.03% P, at most 0.01% S and at most 1.5% Cu, with the remainder being Fe and impurities. The seamless steel pipe for steam injection is manufactured via a hot working process, followed by a water cooling process, a quenching process and a tempering process.

No. of Pages : 35 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2012

(21) Application No.2459/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SYNERGISTIC FUNGICIDAL COMBINATION

(51) International classification	:A01N43/653,A01N47/04,A01P3/00
(31) Priority Document No	:61/316,024
(32) Priority Date	:22/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2011/000270
Filing Date	:22/03/2011
(87) International Publication No	:WO 2011/117868
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)IRVITA PLANT PROTECTION N.V.

Address of Applicant :Pos Cabai Office Park, Unit 13, P.O. Box 403, NL-00000 Curacao THE NETHERLANDS

(72)Name of Inventor :

1)SHEFFER, Noam

2)HUART, Gerald

3)CAMUS, Daniel

(57) Abstract :

Compositions and methods employing combinations of synergistically effective amounts of folpet and epoxiconazole are provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2482/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : CLAMP

(51) International classification	:F16L3/08,F16L3/10
(31) Priority Document No	:2010-048553
(32) Priority Date	:05/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/001140
Filing Date	:28/02/2011
(87) International Publication No	:WO 2011/108243
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NIFCO INC.

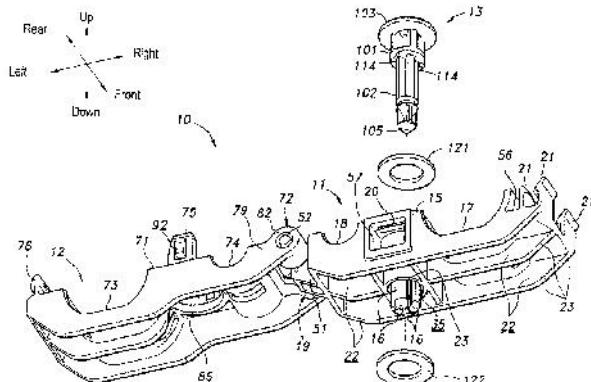
Address of Applicant :184-1, Maioka-cho, Totsuka-ku,
Yokohama-shi, Kanagawa 244-8522, JAPAN

(72)Name of Inventor :

1)FUKUMOTO Mitsuru

(57) Abstract :

A pipe clamp (10) for attaching a filler pipe (200), etc. to a vehicle body panel (205) in which an engagement hole (206) is formed, and the pipe clamp (10) is provided with a base member (11), a lid member (12), and a pin member (13). The base member is disposed on the vehicle body panel, has a pin hole (25) formed therein, and is provided with: leg sections (11) which protrude from the peripheral edge of the pin hole and which can be forced into the engagement hole; and pipe holding sections (17, 18). The lid member is pivotably provided to the base member and is engaged with the base member with the lid member pivoted to a closing position at which the lid member closes the pipe holding sections. The pin member is held in the pin hole, and when displaced to the front end side of the leg sections, the pin member causes the leg sections to displace outward in the radial direction to thereby engage the leg sections with the engagement hole. The lid member has formed therein an access hole (86) for exposing the pin member to the outside when the lid member is at the closing position.



No. of Pages : 36 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2483/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : GROMMET

(51) International classification	:F16B19/10
(31) Priority Document No	:2010-046316
(32) Priority Date	:03/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/054604
Filing Date	:01/03/2011
(87) International Publication No	:WO 2011/108531
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NIFCO INC.

Address of Applicant :184-1, Maioka-cho, Totsuka-ku,
Yokohama-shi, Kanagawa 244-8522, JAPAN

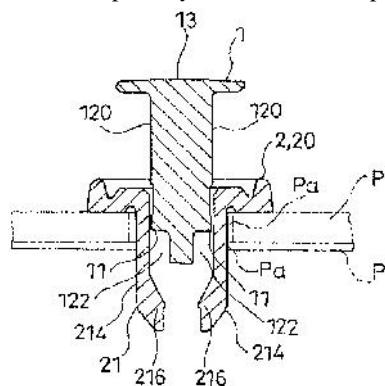
(72)Name of Inventor :

1)WATANABE Yasuhiro

2)FUKUO Michihiro

(57) Abstract :

Disclosed is a grommet comprising a shaft and a body that has a head section and that is provided with leg sections that expand by means of elastic deformation resulting from the aforementioned shaft being pressed in from the side of the head section. The shaft is provided with a first contact section that contacts the contacted section of the leg sections by means of the aforementioned pressing in and a second contact section that is positioned further back from the first contact section in the direction of pressing in. After a subset of the leg sections are caused to expand by means of the first contact section another subset of leg sections are caused to expand by means of further pressing the shaft in.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2484/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/09/2012

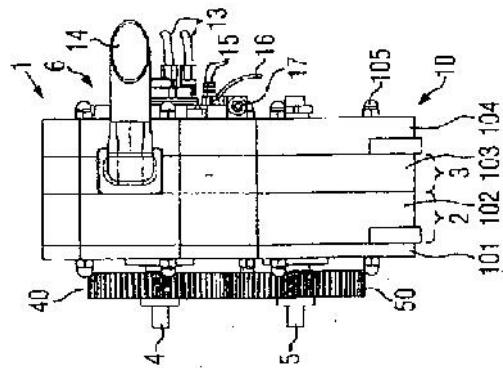
(43) Publication Date : 03/05/2013

(54) Title of the invention : ROTARY PISTON ENGINE

(51) International classification	:F01C1/20	(71) Name of Applicant :
(31) Priority Document No	:10 2010 006 466.1	1)BRANDS & PRODUCTS IPR HOLDING GMBH & CO. KG
(32) Priority Date	:01/02/2010	Address of Applicant :Karl-Theodor-Str. 91-93 80796 München Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/EP2011/000441 :01/02/2011	1)HRUSCHKA, Peter, K., A.
(87) International Publication No	:WO 2011/092035	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a rotary piston engine comprising a compression stage and an expansion stage with respectively a rotating working piston for compressing and expanding a working gas. In order to provide a rotary piston engine that allows even shorter gas paths than a conventional rotary piston engine the invention proposes that the working pistons of the compression stage and the expansion stage are arranged one behind the other in the axial direction and preferably are rotatable about a common rotational axis.



No. of Pages : 65 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2489/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : SURFACE INSPECTION APPARATUS

(51) International classification	:G01N21/892	(71) Name of Applicant :
(31) Priority Document No	:2010-055115	1)JFE STEEL CORPORATION
(32) Priority Date	:11/03/2010	Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2011/054013	1)OKUNO, Makoto
Filing Date	:23/02/2011	2)TAKADA, Hideki
(87) International Publication No	:WO 2011/111528	3)MURATA, Saichi
(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 surface inspection apparatus which comprises an annular illumination device (3) that includes a ring shaped light emitting unit (3A) and a light shielding plate (3B) the light shielding plate (3B) having an optical opening of which diameter is smaller than the inside diameter of the light emitting unit (3A) and being disposed between the light emitting unit (3A) and a steel plate (2) so as to be concentric with the light emitting unit (3A) and an imaging unit (4) that is disposed on the center line (C) of the opening of the light shielding plate (3B) and that captures images of the surface of the steel plate (2) through the opening. Only light beams diffracted by the edge portion of the opening of the light shielding plate (3B) among light beams emitted from the light emitting unit (3A) are incident on an imaging area (A) on the surface of the steel plate (2) to be imaged by the imaging unit (4). The distance H between the light emitting unit (3A) and the surface of the steel plate (2) is set such that the average brightness level in the imaging area (A) is more than or equal to a predetermined level and a difference in the brightness level in the imaging area (A) is in a predetermined range. With this minute point like flaws can be accurately detected.

No. of Pages : 57 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/09/2012

(21) Application No.2490/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR SETTING A SEARCH SPACE FOR A RELAY NODE IN A WIRELESS COMMUNICATION SYSTEM AND APPARATUS FOR SAME

(51) International classification :H04B7/14,H04J11/00,H04W72/04
(31) Priority Document No :61/324,278
(32) Priority Date :14/04/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2011/002226
Filing Date :31/03/2011
(87) International Publication No :WO 2011/129537
(61) 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.

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(72)Name of Inventor :

1)KIM, Hak Seong

2)KIM, Byoung Hoon

(57) Abstract :

The present application discloses a method wherein a relay node receives a control signal from a base station in a wireless communication system. Specifically the method comprises steps of: receiving from the base station resource allocation information which is constituted of bitmap information; receiving from the base station a downlink signal; and performing blind decoding on a search space included in the downlink signal to thereby acquire control information for the relay node. The search space is characterized in that it is set based on a resource allocation unit indicated by a resource allocation bit of the resource allocation information. Preferably the resource allocation unit indicated by the resource allocation bit can be determined according to the resource allocation information type.

No. of Pages : 66 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/09/2012

(21) Application No.2491/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR TRANSCEIVING SIGNALS BETWEEN A BASE STATION AND A RELAY NODE IN A MULTIUSER MULTI-ANTENNA WIRELESS COMMUNICATION SYSTEM, AND APPARATUS FOR SAME

(51) International classification :H04B7/04,H04B7/14,H04J11/00
(31) Priority Document No :61/327,110
(32) Priority Date :23/04/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2011/002882
Filing Date :21/04/2011
(87) International Publication No :WO 2011/132964
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KIM, Hak Seong

2)SEO, Han Byul

3)KIM, Byoung Hoon

4)KIM, Ki Jun

5)LEE, Dae Won

(57) Abstract :

The present application relates to a method in which a base station transmits signals to a relay node in a multiuser multi antenna (MIMO) wireless communication system. More particularly the method comprises the following steps: allocating one or more antenna ports to one or more relay nodes respectively; mapping each of a plurality of downlink grant signals for said one or more relay nodes to a preset resource domain from among resource domains corresponding to one of the allocated antenna ports; mapping uplink grant signals or data signals for said one or more relay nodes to the resource domains corresponding to the allocated antenna ports; and transmitting the mapped signals to said one or more relay nodes.

No. of Pages : 77 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2492/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : NOVEL COMPOSITION

(51) International classification :A61K8/24,A61K8/26,A61Q11/00
(31) Priority Document No :1005508.5
(32) Priority Date :31/03/2010
(33) Name of priority country:U.K.
(86) International Application No :PCT/EP2011/054770
Filing Date :29/03/2011
(87) International Publication No :WO 2011/120943
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)GLAXO GROUP LIMITED

Address of Applicant :Glaxo Wellcome House, Berkeley Avenue, Greenford Middlesex UB6 0NN UNITED KINGDOM

(72)Name of Inventor :

1)LIPPERT, Frank

2)LUCAS, Robert, Anthony

(57) Abstract :

A dentifrice composition providing superior shine and polish low RDA and effective whitening comprising a calcined aluminium oxide polishing agent a water soluble condensed phosphate such as an alkali metal phosphate salt and an orally acceptable carrier or excipient is described. The composition is free of a silica abrasive.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2473/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : INTEGRATED ADVERTISING SYSTEM

(51) International classification	:G06Q30/00	(71) Name of Applicant :
(31) Priority Document No	:61/300,333	1)JUMPTAP, INC.
(32) Priority Date	:01/02/2010	Address of Applicant :5th Floor, 10 Canal Park Cambridge, Massachusetts 02141 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2011/023316	1)RAMER, Jorey
Filing Date	:01/02/2011	2)SOROCA, Adam
(87) International Publication No	:WO 2011/094734	3)KARASIC, Neal, J.
(61) Patent of Addition to Application Number	:NA	4)DOUGHTY, Dennis
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In embodiments of the present invention improved capabilities are described for selecting advertisements to be delivered to mobile communication facilities using a monetization platform that may act as an advertising hub. The monetization platform may interact with an ad exchange to collect relevant advertisements for delivery to the mobile communication facilities. The monetization platform may also facilitate the selection of advertisements through the ad exchange by associating advertisement requests with user user profile or other mobile communication type information. Methods and systems of the present invention are described for aggregating mobile communication facility user profile data including user profile data obtained from a mobile communication facility the user's Internet usage offline user data and settop entertainment facility data relating to the user.

No. of Pages : 546 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/08/2012

(21) Application No.2474/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : ELECTRICITY SUPPLY SYSTEM FOR VEHICLES

(51) International classification	:H01M10/48,G01R31/36
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/ES2010/070060
Filing Date	:04/02/2010
(87) International Publication No	:WO 2011/095650
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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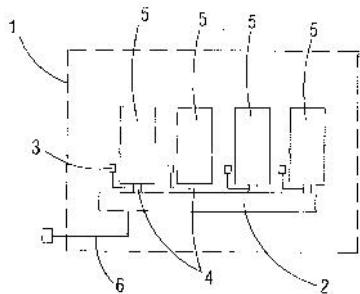
(72)Name of Inventor :

1)VENTURA FORÉS, Jorge

2)TOBÍAS LÓPEZ, José Angel

(57) Abstract :

The invention relates to an electrical supply system for vehicles which has a connector device that includes an electronic board provided with a data microprocessor; a plurality of connector plugs arranged in parallel and connected to one another to couple to a plurality of removable rechargeable batteries; a connection to the electronic board provided with a continuous current BUS to couple to the electrical system of the engine of the corresponding vehicle; and a discriminator such that the electronic board is able to identify the electrical supply from any of the plurality of removable batteries such that when the rechargeable batteries are discharged or low they can be recharged from an external electricity source such as the general electricity grid.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/09/2012

(21) Application No.2500/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : INTELLIGENT WASH PERIOD WITH UNLOAD/LOAD ALERT AND IDLE MODE, SYSTEM AND METHODS FOR WASHING MACHINE

(51) International classification	:B08B3/00
(31) Priority Document No	:61/301,517
(32) Priority Date	:04/02/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/023827
Filing Date	:04/02/2011
(87) International Publication No	:WO 2011/097536
(61) Patent of Addition 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 :903 East 104th Street, Kansas City, Missouri 64131, U.S.A.

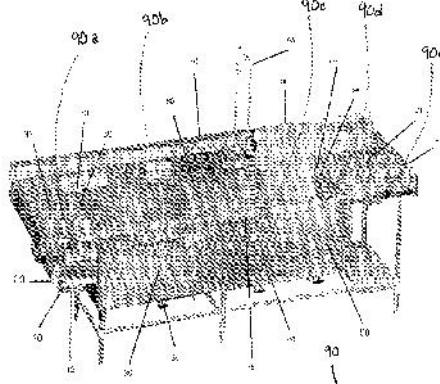
(72)Name of Inventor :

1)CANTRELL, John

2)CHURCHILL, Mark

(57) Abstract :

The present general inventive concept relates to a condition alert and/or operator instructing system, control system and control methods for a pot and pan, or other similar washing machine. A method of washing wares in a continuous motion style washing machine is provided. A wash period is provided. A cumulative wash cycle time, of a plurality of individual wash cycles within the wash period, is monitored. The wash period is expanded or increased beyond a base period if the cumulative wash cycle time is less than a maximum cumulative wash cycle condition value. The wash period is contracted or reduced if the cumulative wash cycle time reaches a maximum cumulative wash cycle condition value during the wash period.



No. of Pages : 39 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2501/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/09/2012

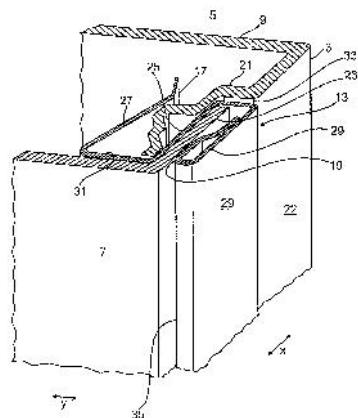
(43) Publication Date : 03/05/2013

(54) Title of the invention : REFRIGERATOR, IN PARTICULAR FREE-STANDING REFRIGERATOR

(51) International classification	:F25D23/08,F25D23/06	(71) Name of Applicant : 1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH Address of Applicant :Carl-Wery-Str. 34, 81739 München, Germany
(31) Priority Document No	:10 2010 003 458.4	
(32) Priority Date	:30/03/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/052978	
Filing Date	:01/03/2011	
(87) International Publication No	:WO 2011/124423	
(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 refrigerator, in particular a free standing refrigerator, having an inner wall (9) which bounds a refrigerating chamber (5) and which together with an outer wall (7) of the appliance, bounds a cavity which is filled with heat insulating foam (11), wherein the inner wall (9) is connected to the outer wall (7) of the appliance via a front- frame strip (13). According to the invention, the front frame strip (13) is a separate component which has a first connection profile (17), for connection to the inner wall (9), and a second connection profile (19), for connection to the outer wall (7) of the appliance.



No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2499/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : HETARYL-[1,8]NAPHTHYRIDINE DERIVATIVES

(51) International classification	:C07D471/04,C07D519/00,A61K31/4375
(31) Priority Document No	:10001251.7
(32) Priority Date	:05/02/2010
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2010/007743 :17/12/2010
(87) International Publication No	:WO 2011/095196
(61) Patent of Addition to Application Number Filing Date	:NA :NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)MERCK PATENT GMBH

Address of Applicant :Frankfurter Strasse 250, 64293
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(72)Name of Inventor :

1)JONCZYK, Alfred

2)DORSCH, Dieter

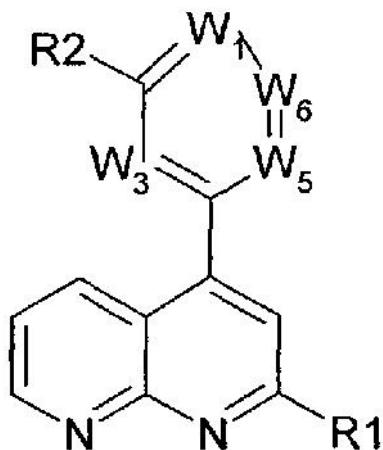
3)HOELZEMANN, Guenter

4)AMENDT, Christiane

5)ZENKE, Frank

(57) Abstract :

Novel hetaryl-[1,8]naphthyridine derivatives of formula (I) wherein R1,R2,W1,W3,W5 and W6 have the meaning according to claim 1, are inhibitors of ATP consuming proteins, and can be employed, inter alia, for the treatment of tumors.



No. of Pages : 148 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2505/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : ELECTRICAL INSTALLATION SWITCHING DEVICE HAVING A SWITCH POSITION INDICATION

(51) International classification	:H01H9/16,H01H71/04	(71) Name of Applicant : 1)ABB AG Address of Applicant :Kallstadter Str. 1, 68309 Mannheim, Germany
(31) Priority Document No	:102010015825.9	
(32) Priority Date	:20/04/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/001473	(72) Name of Inventor :
Filing Date	:24/03/2011	1)STOLZ, Heiko
(87) International Publication No	:WO 2011/131281	2)HAUCK, Dirk
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an electrical installation switching device (10) having a housing a contact lever (16) and a switch position indication, which is formed from a slide (14) which is guided in the housing such that it can move longitudinally between a first and a second indication position, wherein the sliding movement of the slide (14) is coupled to the movement of the contact lever (16). Latching means (31,32) are provided on the slide (14) and on the housing in order to detachably latch the slider (14) to the housing in the first indication position, and thus to prevent inadvertent movement from the first indication position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2506/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESSING OF AUDIO SIGNALS DURING HIGH FREQUENCY RECONSTRUCTION

(51) International classification	:G10L21/02
(31) Priority Document No	:61/365,518
(32) Priority Date	:19/07/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2011/062068
Filing Date	:14/07/2011
(87) International Publication No	:WO 2012/010494
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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NETHERLANDS

(72)Name of Inventor :

1)KJOERLING, Kristofer

(57) Abstract :

The application relates to HFR (High Frequency Reconstruction/Regeneration) of audio signals. In particular, the application relates to a method and system for performing HFR of audio signals having large variations in energy level across the low frequency range which is used to reconstruct the high frequencies of the audio signal. A system configured to generate a plurality of high frequency subband signals covering a high frequency interval from a plurality of low frequency subband signals is described. The system comprises means for receiving the plurality of low frequency subband signals; means for receiving a set of target energies, each target energy covering a different target interval within the high frequency interval and being indicative of the desired energy of one or more high frequency subband signals lying within the target interval; means for generating the plurality of high frequency subband signals from the plurality of low frequency subband signals and from a plurality of spectral gain coefficients associated with the plurality of low frequency subband signals respectively; and means for adjusting the energy of the plurality of high frequency subband signals using the set of target energies.

No. of Pages : 41 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/09/2012

(21) Application No.2507/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : KETOPROFEN-CONTAINING AQUEOUS ADHESIVE SKIN PATCH

(51) International classification	:A61K31/192,A61K9/70,A61K47/18
(31) Priority Document No	:2010-056098
(32) Priority Date	:12/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/055728
Filing Date	:11/03/2011
(87) International Publication No	:WO 2011/111809
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TEIKOKU SEIYAKU CO., LTD.

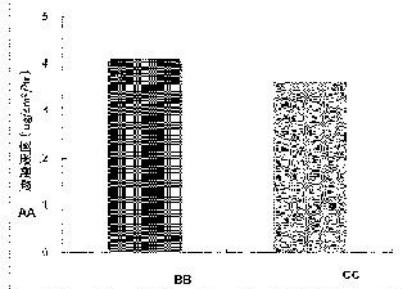
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(72)Name of Inventor :

1)TANI, Kazuha

(57) Abstract :

Disclosed is an aqueous adhesive skin patch which contains ketoprofen as an active ingredient, can keep excellent transdermal absorbability and safety of ketoprofen, and has high storage stability. Specifically disclosed is an aqueous adhesive skin patch characterized by containing ketoprofen, an amine and polyethylene glycol, wherein the contents of ketoprofen, the amine and polyethylene glycol in an ointment thereof are 0.1 to 5 wt% 0.5 to 10 wt% and 5 to 30 wt% respectively, and wherein diisopropanol amine is used as the amine.



No. of Pages : 19 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2508/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : LIQUID DISTRIBUTOR

(51) International classification	:F16L41/03,F15D1/14
(31) Priority Document No	:00234/10
(32) Priority Date	:25/02/2010
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/EP2011/052692
Filing Date	:23/02/2011
(87) International Publication No	:WO 2011/104281
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GLATT MASCHINEN- UND APPARATEBAU AG

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(72)Name of Inventor :

1)UEBERSCHLAG, Pascal

2)DREHER, Armin

3)MAURER, Frank

(57) Abstract :

The invention relates to a device for distributing liquids comprising a distribution chamber (12) having a liquid inlet (3) and a plurality of liquid outlets (7). Protrusions (19 20) extend into the distribution chamber (12) between the liquid outlets (7) and thus prevent dead spaces in which sediments can settle.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2485/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR VARYING THE DURATION OF A SUPPLY STROKE OF A PUMP ELEMENT, AND PUMP DEVICE

(51) International classification	:F04B17/05,F04B49/20,F02M39/02
(31) Priority Document No	:10 2010 007 235.4
(32) Priority Date	:09/02/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/000251
Filing Date	:21/01/2011
(87) International Publication No	:WO 2011/098208
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)META MOTOREN- UND ENERGIE- TECHNIK GMBH

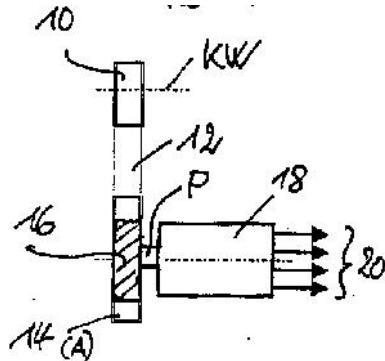
Address of Applicant :Kaiserstrasse 100, 52134 Herzogenrath, Germany

(72)Name of Inventor :

1)KREUTER, Peter

(57) Abstract :

The invention relates to a pump device comprising a method for varying the duration of a delivery stroke of a pump element the delivery stroke of which is actuated by a rotatably driven pump shaft (P) over a predetermined range of rotational positions of the pump shaft. In the method the pump shaft (P) is rotatably driven by a drive shaft (A) and the angular speed of the pump shaft at a constant angular speed of the drive shaft is increased and decreased at least once during a revolution of the pump shaft.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/09/2012

(21) Application No.2486/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : ENERGY MANAGEMENT SYSTEM

(51) International classification :H02J13/00,F24F11/02,H02J3/00
(31) Priority Document No :2010-055594
(32) Priority Date :12/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/053084
Filing Date :15/02/2011
(87) International Publication No :WO 2011/111477
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)ASHIKAGA Tomoyoshi

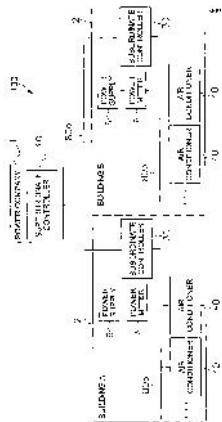
3)KANBARA Toshihiro

4)SHIMOZU Naotake

5)MISHIMA Koji

(57) Abstract :

Disclosed is an energy management system wherein consideration is given to both inhibiting energy consumption and maintaining comfort in each of a plurality of enterprises. The energy management system (100) is provided with an energy management apparatus (10) and control apparatuses (30). The energy management apparatus is positioned at a higher rank than the plurality of enterprises and controls energy to be supplied to equipment installed within each of the enterprises. The control apparatuses are connected to the energy management apparatus and control the equipment within each of the enterprises. A control apparatus comprises an operating state determining unit (36a 236a 336a 436a) and an inhibitable energy amount presenting unit (36g 236g 336g 436g). The operating state determining unit determines the operating state of the equipment. The inhibitable energy amount presenting unit presents to the energy management apparatus the inhibitable amount of energy of the equipment and a plurality of inhibitable amount of energy for each of a plurality of conditions on the basis of the operating state. In such a way consideration can be given to both inhibiting energy consumption and maintaining comfort in each of the enterprises.



No. of Pages : 52 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2487/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : SOLID FORMS OF N-[2,4-BIS(1,1-DIMETHYLETHYL)-5-HYDROXYPHENYL]-1,4-DIHYDRO-4-OXOQUINOLINE-3-CARBOXAMIDE

(51) International classification :C07D215/56,A61K31/47,A61P11/00
(31) Priority Document No :61/315,885
(32) Priority Date :19/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/029276
Filing Date :21/03/2011
(87) International Publication No :WO 2011/116397
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

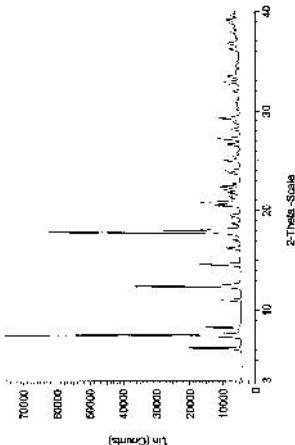
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(72)Name of Inventor :

1)AREKAR, Sneha, G.
2)JOHNSTON, Steven, C.
3)KRAWIEC, Mariusz
4)MEDEK, Ales
5)MUDUNURI, Praveen
6)SULLIVAN, Mark, Jeffrey

(57) Abstract :

The present invention relates to solid state forms of N [2 4 bis(1 1 dimethylethyl) 5 hydroxyphenyl] 1 4 dihydro 4 oxoquinoline 3 carboxamide (Compound 1) pharmaceutical compositions thereof and methods therewith.



No. of Pages : 61 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2513/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : AXIAL COOLING FAN SHROUD

(51) International classification	:F04D29/52,F04D29/54
(31) Priority Document No	:61/311,492
(32) Priority Date	:08/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/027508
Filing Date	:08/03/2011
(87) International Publication No	:WO 2011/112555
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

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Germany

(72)Name of Inventor :

1)COT%, Raymond, F.

(57) Abstract :

A fan shroud (100) for a cooling fan assembly with a fan (110) that is rotatable about an axis of rotation (116) defines a downstream direction along the axis of rotation (116). The shroud (100) includes a barrel (118) for containing the fan (110). The barrel (118) is concentric with the axis of rotation (116) and further includes a base portion (122). A plenum (130) includes a plenum body (132) extending radially from the base portion (122). The plenum body (132) defines at least one edge (134) of length LI. A skirt (140) extends proximate the at least one edge (134) of length LI and substantially parallel to the axis of rotation (116). An interface (142) joins the at least one edge (134) of length LI and the skirt (140) and has a length LI. The interface (142) comprises an underside having a transition surface (146) of a length less than length LI.

No. of Pages : 33 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2514/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : ADJUSTABLE CHROMOPHORE COMPOUNDS AND MATERIALS INCORPORATING SUCH COMPOUNDS

(51) International classification	:G02B1/04,A61L27/16,B29D11/00
(31) Priority Document No	:61/320,442
(32) Priority Date	:02/04/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/030634
Filing Date	:31/03/2011
(87) International Publication No	:WO 2011/123587
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOVARTIS AG

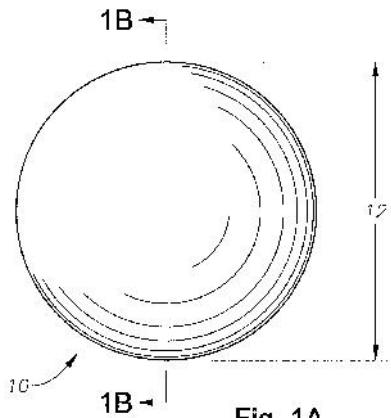
Address of Applicant :Lichtstrasse 35, CH-4056 Basel Switzerland

(72)Name of Inventor :

1)WEINSCHENK III, Joseph, I.

(57) Abstract :

The present invention is directed to adjustable chromophore compounds and materials (e.g. ophthalmic lens materials) incorporating those compounds. The adjustable chromophore compounds include a chemical moiety that structurally changes upon exposure to predetermined electromagnetic radiation (e.g. two photon radiation) as well as lens materials, particularly intraocular lens materials that incorporate those compounds.



No. of Pages : 22 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/09/2012

(21) Application No.2493/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : SPRING STEEL AND SURFACE TREATMENT METHOD FOR STEEL MATERIAL

(51) International classification :C21D6/00,C21D1/06,C21D1/18
(31) Priority Document No :2010-062591
(32) Priority Date :18/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/056570
Filing Date :18/03/2011
(87) International Publication No :WO 2011/115255
Application Number :NA
Filing Date :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SUZUKI, Takeshi

2)ONO, Yoshiki

3)KUROKAWA, Shimpei

(57) Abstract :

Disclosed is a surface treatment method for a steel material which comprises: a carbonitriding step wherein a steel material that contains in weight% 0.27 0.48% of C 0.01 2.2% of Si 0.30 1.0% of Mn 0.035% or less of P and 0.035% or less of S with the balance made up of iron and unavoidable impurities is heated to the A point of the steel or higher but 1100°C or less and brought into contact with a mixed gas atmosphere that is composed of 50% by volume or more of NH and the balance made up of an inert gas and unavoidable impurities so that the concentrations of nitrogen and carbon are increased in the surface layer; a quench hardening step wherein the steel material is cooled to room temperature at a rate of 20°C/second or more; and a tempering step wherein the steel material is heated to 100 400°C.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/09/2012

(21) Application No.2494/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : BASE STATION AND METHOD IN MOBILE COMMUNICATION SYSTEM

(51) International classification	:H04W8/22,H04W88/06,H04W92/10
(31) Priority Document No	:2010-087104
(32) Priority Date	:05/04/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/057897
Filing Date	:29/03/2011
(87) International Publication No	:WO 2011/125675
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)UCHIYAMA, Tadashi

2)OBATA, Kazunori

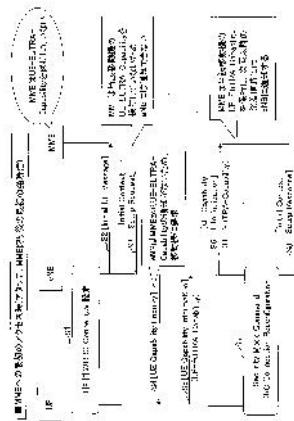
3)HARANO, Seigo

4)YABUKI, Shogo

5)ISHII, Minami

(57) Abstract :

The disclosed base station is provided with wireless communication units (82 85) which perform wireless communication with a mobile device capable of communicating with both a first and a second mobile communication system and network communication units (83 84) which communicate with a switching station which manages the movement of the mobile device. If a line configuration command signal (Initial Context Setup Request) received from the switching station by a network communication unit is not the initial access to the switching station by the mobile device then after a line configuration response signal (Initial Context Setup Response) is transmitted to the switching station by the network communication unit the wireless communication unit receives from the mobile device mobile device capability information (UE UTRA Capability) in the second mobile communication system.



No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/09/2012

(21) Application No.2522/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : METHOD FOR MANUFACTURING HIGH-SI COLD ROLLED STEEL SHEET HAVING EXCELLENT CHEMICAL CONVERSION PROPERTIES

(51) International classification :C21D9/56,C21D1/76,C21D9/46
(31) Priority Document No :2010-074466
(32) Priority Date :29/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/058477
Filing Date :28/03/2011
(87) International Publication No :WO 2011/122694
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72) **Name of Inventor :**

1)OOTSUKA Shinji

2)HIRASAWA Junichiro

3)TAKAHASHI Hideyuki

4)YOSHIMI Naoto

5)NAGANO Hideki

(57) Abstract :

Disclosed is a method for producing a high-Si cold rolled steel sheet having favorable chemical conversion treatability, a tensile strength of at least 590 MPa, TS—EL of at least 18,000 MPa.% and excellent workability. The disclosed method includes: a step for using a direct-fired burner (A) having an air ratio of no more than 0.89 to heat the temperature of the cold rolled steel sheet to a temperature range of at least 300°C and less than Ta°C when raising the temperature of the cold rolled steel sheet, which has an elemental composition comprising 0.05 0.3 mass% C, 0.6-3.0 mass% Si, 1.0 3.0 mass% Mn, no more than 0.1 mass% P, no more than 0.05 mass% S, 0.01 1 mass% Al no more than 0.01 mass% N, the remainder being Fe and unavoidable impurities; and a step for, continuing thereafter, using another direct fired burner (B) having an air ratio of at least 0.95 to heat the temperature of the cold rolled steel sheet to a temperature range of at least Ta°C and less than Tb°C; and continuing thereafter, the cold rolled steel sheet is soaked/annealed in a furnace having a gas composition that is 1-10 vol% H₂, the remainder being N₂, and having a dew point of no greater than -25°C. 450°C Ta°C 550°C 650°C Tb°C 800°C.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2524/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : THIN FILM MANUFACTURING APPARATUS ,THIN FILM MANUFACTURING METHOD ,AND METHOD FOR MAINTAINING THIN FILM MANUFACTURING APPARATUS

(51) International classification :C23C16/44,H01L21/205,H01L21/677
(31) Priority Document No :2010-033529
(32) Priority Date :18/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/052727
Filing Date :09/02/2011
(87) International Publication No :WO 2011/102274
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KURIBE,Eiji

2)TAKAHASHI,Takeyoshi

(57) Abstract :

Disclosed is a thin film manufacturing apparatus, whereby films can be formed with high productivity, even if a sudden failure is generated. Also disclosed are a thin film manufacturing method, and a method for maintaining the thin film manufacturing apparatus. The thin film manufacturing apparatus has: a film forming chamber group (42), which is a group of film forming chambers, each of which has a film forming chamber and forms a thin film on a base body in the chamber; a moving chamber (6) which can transfer the base body; and three or more base body temporarily disposing apparatuses, each of which can have the base body temporarily disposed thereon. The moving apparatus can deliver and receive the base body to and from any one of the film forming chambers, and the moving apparatus can deliver and/or receive the base body to and/or from the three or more base body temporarily disposing apparatuses.

No. of Pages : 62 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2525/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/09/2012

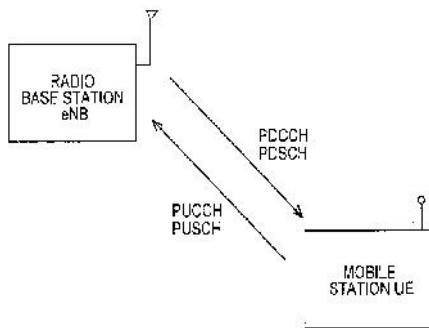
(43) Publication Date : 03/05/2013

(54) Title of the invention : WIRELESS BASE STATION AND MOBILE COMMUNICATION METHOD.

(51) International classification	:H04W 72/12	(71) Name of Applicant :
(31) Priority Document No	:2010-047880	1)NTT DOCOMO,INC.
(32) Priority Date	:04/03/2010	Address of Applicant :11-1,NAGATACHO 2-CHOME,CHIYODA-KU, TOKYO 100-6150 JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2011/054930	1)KIYOSHIMA, KOHEI
Filing Date	:03/03/2011	2)OKUBO, NAOTO
(87) International Publication No	:WO 2011/108651	3)ISHII, HIROYUKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A radio base station (eNB) according to the present invention includes : a management unit (11) configured to manage the number of mobile stations UE corresponding to each carrier; and a scheduling unit (12) configured to perform a scheduling processing to a scheduling-target mobile station (UE#A), in which the CA is set to be performed, in at least one of a primary carrier (carrier #1) and a secondary carrier (carrier #2) of the mobile station UE#A based on the number of mobile stations UE corresponding to each carrier.



No. of Pages : 37 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/09/2012

(21) Application No.2526/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : COMPOUND COMPRISING A PESTICIDE AND AN ALKOXYLATE OF BRANCHED NONYL AMINE

(51) International classification	:A01N25/30,A01N43/50,A01N57/20
(31) Priority Document No	:10156710.5
(32) Priority Date	:17/03/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/053781
Filing Date	:14/03/2011
(87) International Publication No	:WO 2011/113786
(61) Patent of Addition 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)MAITRO-VOGEL,Sophie

3)HUYGHE,Kevin

4)HADERLEIN,Gerd

5)SCHNABEL,Gerhard

6)NOLTE,Marc

7)EVANS,Richard,Roger

(57) Abstract :

The present invention relates to a compound comprising a pesticide and an alkoxylate. The invention further relates to the alkoxylate, to a method for the production thereof, and to the use thereof as an auxiliary agent in pesticide- containing spray mixtures. The invention further relates to a method for combating phytopathogenic fungi and/or undesirable plant growth and/or undesirable insect or mite infestation and/or for regulating the growth of plants, wherein the compound is allowed to act on the respective pests, the habitat thereof or the plants to be protected from the respective pest the ground and/or undesirable plants and/or the useful plants and/or the habitat thereof. The invention further relates to seed containing the compound.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2527/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : PREPARATION OF SOLID CAPSULES COMPRISING FLAVOURS

(51) International classification :A23L1/00,A23L1/035,A23L1/09
(31) Priority Document No :10158818.4
(32) Priority Date :31/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050975
Filing Date :09/03/2011
(87) International Publication No :WO 2011/121468

(61) Patent of Addition 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)HAFNER,Valeria

3)MEYER,François

4)PARKER,Alan

(57) Abstract :

The present invention relates to a process for the preparation of solid capsules comprising flavours, in which an emulsion comprising flavour or fragrance, a natural extract comprising saponins, water and a water-soluble biopolymer having a molecular weight below 100 KDa is spray-dried. The invention further relates to the solid capsules as such and to products containing them.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2528/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : LINEAR POWER GENERATOR

(51) International classification	:H02K35/02
(31) Priority Document No	:2010-087340
(32) Priority Date	:05/04/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/058407
Filing Date	:01/04/2011
(87) International Publication No	:WO 2011/125931
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KOBAYASHI,Takaitsu

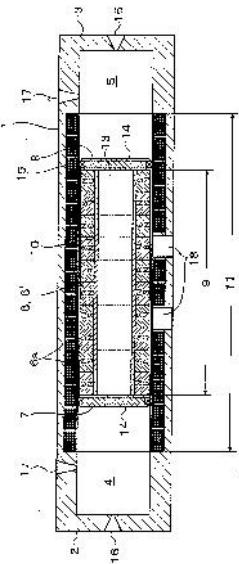
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(72)Name of Inventor :

1)KOBAYASHI,Takaitsu

(57) Abstract :

Provided is a linear power generator in which a piston in a cylinder is continuously and stably moved at a constant stroke by a high-pressure gas. The linear power generator has a gas pressure cylinder structure in which a high pressure gas is alternately supplied to the left gas pressure chamber (4) and right gas pressure chamber (5) of a cylinder (1) equipped with an electromotive coil and the gas pressure in the left gas pressure chamber and the gas pressure in the right gas pressure chamber are alternately applied to a piston (6) located in the cylinder and equipped with permanent magnets to reciprocally move the piston in an axis line direction. The linear power generator induces electric power in the electromotive coil by the piston having the permanent magnets and reciprocally moved in the axis line direction. A first high-pressure gas (G1) is supplied to the right and left gas pressure chambers, thereby inducing the movement of the piston. In addition, a second-high pressure gas (G2) complementing the first high-pressure gas is supplied to the right and left gas pressure chambers, thereby maintaining the movement of the piston.



No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/09/2012

(21) Application No.2503/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : PROCESS FOR PRODUCING DIE-CAST PARTS

(51) International classification	:B22D17/00,B22D17/10,B22D25/00
(31) Priority Document No	:10157519.9
(32) Priority Date	:24/03/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/062089
Filing Date	:19/08/2010
(87) International Publication No	:WO 2011/116838
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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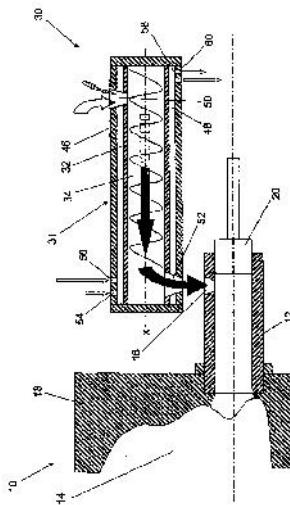
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(72)Name of Inventor :

1)FRANKE, RÜdiger

(57) Abstract :

In a method for producing die-cast parts from an aluminum alloy, the aluminum alloy is exposed to high shear forces in a mixing and kneading machine (30) having a housing (31) having a working chamber (34) enclosed by an inner housing jacket (32) and a worm shaft (36), which rotates about a longitudinal axis (x) and moves back and forth in a translational manner along the longitudinal axis (x) in the inner housing jacket (32) and which is provided with kneading blades (38), and having kneading pins (38), which are fastened to the inner housing jacket (32) and which protrude into the working chamber (34), wherein liquid aluminum alloy is fed into the working chamber (34) at one end of the housing (31) and removed from the working chamber (34) as partially solidified aluminum alloy having a specified solid fraction at the other end of the housing (31), transferred into a filling chamber (12) of a die casting machine (10), and pushed into a mold by means of a piston (20), wherein the solid fraction of the aluminum alloy is set to the specified solid fraction in the working chamber (34) by specific cooling and heating of the working chamber (34).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2504/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : CORROSION-RESISTANT POSITION MEASUREMENT SYSTEM AND METHOD OF FORMING SAME

(51) International classification	:F15B15/28
(31) Priority Document No	:61/314,248
(32) Priority Date	:16/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/028611
Filing Date	:16/03/2011
(87) International Publication No	:WO 2011/116054
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KILLIAN, Michael, Lee

2)AHMAD, Aquil

3)HIGDON, Clifton, Baxter

4)TRUBLOWSKI, John

(57) Abstract :

A method of forming a position measurement system (10) includes melting a surface (20) of a substrate (12) formed from a first material wherein the surface (20) defines at least one groove (22) therein and wherein the surface (20) is melted within the at least one groove (22). The method also includes, concurrent to melting, depositing a second material into the at least one groove (22) to form a mixture of the first material and the second material. The method further includes solidifying the mixture to form an indicator material (42) that is distinguishable from and metallurgically bonded to the first material and depositing an alloy onto the substrate (12) to form a corrosion resistant cladding (44) that covers the indicator material (42) and the surface (20) to thereby form the position measurement system (10). A position measurement system (10) is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2509/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : MEDICAMENT DELIVERY DEVICE

(51) International classification	:A61M5/32,A61M5/24
(31) Priority Document No	:1050217-7
(32) Priority Date	:09/03/2010
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2011/050101
Filing Date	:01/02/2011
(87) International Publication No	:WO 2011/112136
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)**DANIEL, Mattias**

(57) Abstract :

A medicament delivery device comprising a housing, a tubular activation member, a first resilient member, a container holder a medicament container (80), a tubular operation member (100), a plunger rod (90), a delivery member; wherein the container is a cartridge having a membrane (82) and in that the delivery member comprises a retainer member (70) fixedly connected to the container holder, a hub (60) coaxially movable within the retainer member, a needle having opposite proximal and distal ends, and a cap (10) interactively connected to the hub and to the retainer member, wherein the cap comprises a distal end surface abutting with the proximal end surface of the annular contact member such that said hub may be distally moved whereby the needle penetrates the membrane and the cap is detached from the retainer member, allowing the tubular activation member to be moved its activated position.

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2510/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : ALGAL CELL LYSIS AND LIPID EXTRACTION USING ELECTROMAGNETIC RADIATION-EXCITABLE METALLIC NANOPARTICLES

(51) International classification	:C11B1/10,C11C3/00,C10L1/00
(31) Priority Document No	:12/718,396
(32) Priority Date	:05/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/024820
Filing Date	:15/02/2011
(87) International Publication No	:WO 2011/109161
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)**ECK, Christopher, R.**

(57) Abstract :

According to one embodiment, the disclosure provides a system for algal cell lysis. The system may include at least one algal cell, a plurality of metal nanoparticles, and an electromagnetic radiation generator. The generator may be able to generate radio frequency or microwave radiation that excites the plurality of metal nanoparticles, resulting in lysis of the algal cell. The disclosure also provides a system for recovery of a lipid from an algal cell similar to the above system but also including a separator. The disclosure further provides a method of recovering a lipid from an algal cell by supplying a plurality of metal nanoparticles to at least one algal cell exciting the plurality of metal nanoparticles with radio frequency or microwave electromagnetic radiation lysing the algal cell, to release the lipid and separating the lipid, from the lysed algal cell.

No. of Pages : 19 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2511/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/09/2012

(43) Publication Date : 03/05/2013

(54) Title of the invention : USE OF DRONEDARONE OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF, FOR THE PREPARATION OF A MEDICAMENT FOR ADMINISTRATION SHORTLY AFTER AMIODARONE DISCONTINUATION

(51) International classification	:A61K31/343,A61P9/06	(71) Name of Applicant : 1)SANOFI Address of Applicant :54 Rue La Boétie F-75008 Paris France
(31) Priority Document No	:10305252.8	
(32) Priority Date	:12/03/2010	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/IB2011/051027	(72) Name of Inventor :
Filing Date	:11/03/2011	1)GAUDIN, Christophe
(87) International Publication No	:WO 2011/111026	2)MERIOUA, Ihsen
(61) Patent of Addition to Application Number	:NA	3)RADZIK, Davide
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention concerns the use of dronedarone or a pharmaceutically acceptable salt thereof, for the preparation of a medicament for use in the prevention and/or treatment of patients with atrial fibrillation (AF) or atrial Flutter (AFL), shortly after discontinuation of a previous treatment with amiodarone.

No. of Pages : 23 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/09/2012

(21) Application No.2512/KOLNP/2012 A

(43) Publication Date : 03/05/2013

(54) Title of the invention : ELECTRIC MOTOR, HOISTING MACHINE AND ELEVATOR SYSTEM

(51) International classification:H02K1/27,B66B1/24,H02K1/16
(31) Priority Document No :20105339
(32) Priority Date :31/03/2010
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2011/050270
Filing Date :30/03/2011
(87) International Publication No :WO 2011/121184
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)KONE CORPORATION

Address of Applicant :Kartanontie 1, FI-00330 Helsinki FINLAND

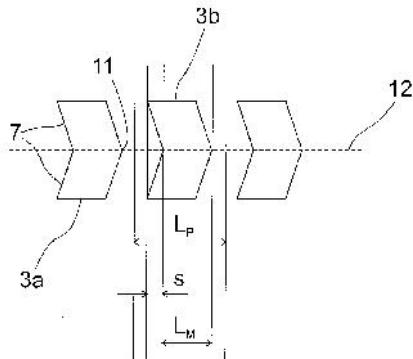
(72)Name of Inventor :

1)HUPPUNEN, Jussi

2)TENHUNEN, Asmo

(57) Abstract :

The invention relates to an electric motor, a hoisting machine and also an elevator system. The electric motor (1) according to the invention comprises a stator (4), which stator comprises slots (5), into which slots a concentrated winding (6) is fitted. The electric motor also comprises a rotating rotor(2), which rotor (2) comprises permanent magnets (3a,3b) placed consecutively in a ring (12) in the direction of the rotational movement. The ratio (LM/LP)of the width of a permanent Lp magnet (3a,3b) at the point (LM) of the center line (12) of the magnet and the width (LP) of a magnetic pole of the rotor is at least 2/3 and at most 4/5.



No. of Pages : 24 No. of Claims : 14

SURRENDER OF PATENTS U/S.63

SL. NO.	PATENT NO.
1	250954
2	251236

Any person interested may, within 3 months from the date of publication of the notice, give notice of Opposition to the Controller in Form-14 in duplicate under rule 87 of Patents Act,1970.

**PUBLICATION U/S 60 IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENTS**

Notice is hereby given that application for restoration of under mentioned patents have been allowed and said patents are restored.

Serial No.	Application Nos.	Patent No.	Applicants	Title	Date of Publication U/R 84(3)	Appropriate Office
1.	2049/CAL/1998	200036	VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH & CO. & BRIFER INTERNATIONAL LTD.	METHOD FOR REFORMING REDUCING GAS IN A FLUIDIZED BED PROCESS FOR REDUCTION OF ORE	08/06/2012	KOLKATA
2.	291/KOLNP/2004	209992	WIESER GERHARD, WIESER GUDRUN	A WIND POWER SYSTEM FOR GENERATING POWER.	16/03/2012	KOLKATA
3.	3100/KOLNP/2006	244173	DAEWOO ELECTRONICS CORPORATION	WASHING MACHINE EQUIPPED WITH A RADIATION DRYING UNIT.	09/03/2012	KOLKATA
4.	1156/CAL/1996	188832	SCHILL + SEILACHER AKTIENGESELLSCHAFT	A PROCESS FOR THE PREPARATION OF A 2-HYDROXY-DIPHENYL-2 PHOSPHINIC ACID	05/08/2011	KOLKATA
5.	694/KOL/2004	211711	BABCOCK - HITACHI K.K.	SOLID FUEL BURNER SOLID FUEL BURNER COMBUSTION METHOD COMBUSTION APPARATUS AND COMBUSTION APPARATUS OPERATION METHOD.	22/07/2011	KOLKATA
6.	732/KOLNP/2006	238737	SAMSUNG ELECTRONICS CO.LTD., & BEIJING SAMSUNG TELECOM R&D CENTER	HRPD NETWORK ACCESS AUTHENTICATION METHOD BASED ON CAVE ALGORITHM	22/07/2011	KOLKATA

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that JFE STEEL CORPORATION, TOKYO, JAPAN have made an application on Form 13 under Section 57 of the Patents Act, 1970 for amendment of claims for Patent No. 252236 (2708/KOLNP/2007) for HIGH TENSILE STRENGTH STEEL MATERIAL HAVING EXCELLENT DELAYED FRACTURE RESISTANCE PROPERTY, AND METHOD OF MANUFACTURING THE SAME.

The application and the proposed amendment may be inspected at the Patent Office, Boudhik Sampada Bhavan, CP-2, Sector-V, Salt Lake City, Kolkata-700091 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition under Rule 81(3)(b) in Form 14 within 3 months. The proposed amendments are as follows:

Page no	Line no	As in the specification	Proposed amendment
33	3	Si of 0.01 to 0.08%	Si of 0.01 to 0.8%
33	3	Mn of 0.05 to 2.0%	Mn of 0.5 to 2.0%
33	8	element among Cu or 2% or less	element among Cu of 2% or less
33	18-19	precipitates being 20nm or less	precipitates is 20nm or less
33	19-20	precipitates having at least 5 per 250000 nm²	precipitates is at least 5 per 250000 nm²
34	10	and of 2%	and W of 2%
34	11	at least one element B of 0.003% or less, Ca of 0.01% or less, REM of 0.02% or less, and Mg of 0.01% or less	at least one element among B of 0.003% or less, Ca of 0.01% or less, REM of 0.02% or less, and Mg of 0.01% or less
34	20	ACR=(Ca-(0.18+130Ca)/1.25/S	ACR=(Ca-(0.18+130Ca)/1.25/S
35	5	predetermined temperature	predetermined tempering temperature
35	9-10	Number of existing precipitates at 5 per 250000 nm²	Number of existing precipitates of at least 5 per 250000 nm²
35	18-19	as claimed in any one of claims 1 and 2	as claimed in any one of claims 1 to 3

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.

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Approp riate Office
1	189858	572/DEL/1994	09/05/1994		A PROCESS FOR THE PREPARATION OF SILICORE GEL	THE CHIEF CONTROLLOER RESEARCH & DEVELOPMENT MINISTRY OF DEFENCE GOVERNMENT OF INDIA TECHNICAL COORDINATION DTE.		DELHI
2	193981	1035/DEL/1996	16/05/1996		A PROCESS FOR PREPARATION OF FLOURIDE GLASS	THE CHIEF CONTROLLER, RESEARCHY & DEVELOPMENT		DELHI
3	194342	1111/DEL/1996	24/05/1996	08/06/1995	A DEVICE FOR INDICATING WEAR OF BRAKE LININGS IN A VEHICLE BRAKE	HALDEX AB		DELHI
4	256050	3894/DELNP/2006	07/01/2005	09/01/2004	BIFENTHRIN/ACETAMIPRID COMPOSITIONS FOR CONTROL OF GENERAL HOUSEHOLD PESTS	NIPPON SODA CO.LTD	03/08/2007	DELHI
5	256052	1339/DEL/2005	25/05/2005		A LIPOSOMAL FORMULATION AND USE THEREOF	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	10/08/2007	DELHI
6	256053	7641/DELNP/2006	02/06/2005	09/06/2004	AN ANTITUMOR EFFECT POTENTIATOR FOR POTENTIATING ANTITUMOR ACTIVITY	TAIHO PHARMACEUTICAL CO., LTD.	17/08/2007	DELHI
7	256054	1185/DEL/2005	10/05/2005	14/05/2004	PROCESS FOR PREPARING 5-BRONO-2,2-DIFLUOROBENZO-1,3-DIOXOLES	LANXESS DEUTSCHLAND GMBH	01/12/2006	DELHI
8	256055	1107/DEL/2001	31/10/2001		AN IMPROVED PROCESS FOR THE PREPARATION OF PHENYL KETONES	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	25/05/2012	DELHI
9	256056	1000/DEL/2001	27/09/2001		A PROCESS FOR THE PREPARATION OF SPECIAL GRADE LIGHT ALUMINIUM HYDROXIDE POWDER.	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	25/05/2012	DELHI

10	256057	7503/DELNP/2007	30/03/2006	01/04/2005	A PHARMACEUTICAL COMPOSITION COMPRISING A CALCITONIN AND A PHARMACEUTICALLY ACCEPTABLE CARRIER	QUEEN MARY & WESTFIELD COLLEGE	09/11/2007	DELHI
11	256058	185/DELNP/2008	24/10/2003	25/10/2002	TOPICAL SKIN CARE COMPOSITION	GALDERMA S.A	27/06/2008	DELHI
12	256059	1526/DELNP/2007	02/08/2005	02/08/2004	2-PROPYNYL ADENOSINE ANALOGS WITH MODIFIED 5'-RIBOSE GROUPS HAVING A2A AGONIST ACTIVITY	UNIVERSITY OF VIRGINIA PATENT FOUNDATION	03/08/2007	DELHI
13	256066	7052/DELNP/2006	31/05/2005	01/06/2004	ANTIBODY DRUG CONJUGATES AND METHODS.	GENENTECH, INC.	13/07/2007	DELHI
14	256069	3073/DELNP/2004	27/03/2003	28/03/2002	NOVEL PYRAZOLO [4,3-D]PYRIMIDINES, PROCESSES FOR THEIR PREPARATION AND METHODS FOR THERAPY	USTAV EXPERIMENTALNI BOTANIKY AV CR (INSTITUTE OF EXPERIMENTAL BOTANY ACADEMY OF SCIENCES OF THE CZECH REPUBLIC)	09/10/2009	DELHI
15	256072	16/DELNP/2004	21/05/2002	02/07/2001	A METHOD OF INHIBITING CATALYST COKE FORMATION IN THE MANUFACTURE OF AN OLEFIN	EXXONMOBIL CHEMICAL PATENTS INC	24/08/2006	DELHI
16	256080	680/DELNP/2006	02/09/2004	03/09/2003	ORTHOPAEDIC FIXATION SYSTEM	SYNTES GMBH	17/08/2007	DELHI
17	256093	237/DELNP/2006	29/07/2003	29/07/2003	DEVICE FOR FIXING A LONGITUDINAL CARRIER TO A BONE FIXING ELEMENT	SYNTES GMBH	10/08/2007	DELHI
18	256094	2072/DELNP/2006	22/03/2000	22/03/1999	A USER EQUIPMENT FOR TRANSMISSION POWER CONTROL AND METHOD THEREOF	INTEL CORPORATION	13/07/2007	DELHI
19	256095	709/DEL/2005	31/03/2005	27/04/2004	ACTUATOR FOR OPERATING A MOVEABLE SCREEN AND A METHOD THEREOF	SOMFY SAS	12/01/2007	DELHI
20	256100	4178/DELNP/2007	07/12/2005	07/12/2005	ANTHRANILAMIDE DERIVATIVES AS INSECTICIDES	SYNGENTA PARTICIPATIONS AG	31/08/2007	DELHI
21	256101	326/DEL/2006	03/02/2006		A PROCESS FOR THE PREPARATION OF XYLANASE FROM RAGI MALT	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH.	17/08/2007	DELHI
22	256107	2449/DEL/2005	12/09/2005		SUSTAINED RELEASE COMPOSITION	DELHI INSTITUTE OF PHARMACEUTICAL SCIENCES & RESEARCH	02/06/2006	DELHI

23	256109	1198/DELNP/2 007	23/09/2005	23/09/2005	NEW COMPOUND AND ORGANIC LIGHT EMITTING DEVICE USING THE SAME (7)	LG CHEM.LTD.,	27/04/2007	DELHI
24	256113	2051/DELNP/2 007	13/09/2005	13/09/2004	A METHOD FOR PROVIDING CHANNEL MANAGEMENT IN AN ACCESS POINT (AP) OF A WIRELESS LOCAL AREA NETWORK (WLAN)	INTERDIGITAL TECHNOLOGY CORPORATION	04/05/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	168790	78/BOM/1989	27/03/1989		A PROCESS FOR THE PREPARATION OF AROYL UREAS FROM AROYLTHIOUREAS.	SEARLE (INDIA) LIMITED	27/05/1989	MUMBAI
2	170475	204/BOM/1989	20/07/1989		A PROCESS FOR PRODUCING CHLORIDE FREE NPK FERTILIZERS.	INDIAN FARMERS FERTILISER COOPERATIVE LIMITED.	17/09/1989	MUMBAI
3	170615	248/BOM/1989	11/09/1989		IMPROVED TWO-STAGE PROCESS OF MANUFACTURING STABILIZED SINTERED DOLOMITE REFRactory AGGREGATES AND PROCESS OF MANUFACTURING REFRactory BRICKS/SHAPES FROM SAID DOLOMITE AGGREGATES.	THE ASSOCIATED CEMENT COMPANIES LIMITED	18/11/1989	MUMBAI
4	171321	220/BOM/1989	08/08/1989		A PROCESS FOR THE PREPARATION OF A LUBRICATING GREASE COMPOSITION.	INDIAN OIL CORPORATION LIMITED.	07/10/1989	MUMBAI
5	171887	68/BOM/1991	07/03/1991		AN IMPROVED ROTARY SHAKER	SHIVRAM SITARAM SAPAR	04/05/1991	MUMBAI
6	178562	151/BOM/1993	13/05/1993		A COMPOSITION SUITABLE FOR TOPICAL APPLICATION.	HINDUSTAN LEVER LIMITED	25/09/1993	MUMBAI
7	256060	1318/MUMNP/2006	04/05/2005	12/05/2004	A METHOD OF SEAMING AN ON-MACHINE - SEAMABLE MULTIAXIAL PAPERMAKER'S FABRIC AND A PAPERMAKER'S FABRIC THEREOF	ALBANY INTERNATIONAL CORP.	13/04/2007	MUMBAI
8	256061	1656/MUM/2010	31/05/2010	08/06/2009	EXHAUST GAS PURIFYING CATALYST	MITSUI MINING & SMELTING CO., LTD.	14/09/2012	MUMBAI
9	256062	277/MUMNP/2008	17/07/2006	20/07/2005	BED CASTOR AND BRAKE ASSEMBLY	HUNTLEIGH TECHNOLOGY LIMITED	07/03/2008	MUMBAI

10	256065	396/MUM/2005	31/03/2005		Submersible pump	Crompton Greaves Ltd	30/03/2007	MUMBAI
11	256067	226/MUM/2005	01/03/2005		TRANSFER MECHANISM	LELE PRADEEP PURUSHOTTAM	29/06/2007	MUMBAI
12	256073	2334/MUM/2007	27/11/2007	01/12/2006	SYSTEMS AND METHODS FOR ENCODING A CONTROL CHANNEL IN A WIRELESS COMMUNICATION SYSTEM	VIA TELECOM, INC.	18/01/2008	MUMBAI
13	256079	731/MUMNP/2008	20/10/2006	21/10/2005	A METHOD AND AN APPARATUS OF SCHEDULING DATA PACKETS FOR TRANSMISSION IN A WIRELESS NETWORK	QUALCOMM INCORPORATED	04/07/2008	MUMBAI
14	256103	247/MUM/2008	05/02/2008		AN IMPROVED PROTECTIVE COATING COMPOSITION FOR HOT DIP GALVANIZATION OF STEEL	INDIAN INSTITUTE OF TECHNOLOGY BOMBAY	26/03/2010	MUMBAI
15	256104	566/MUMNP/2008	08/09/2006	28/09/2005	IMPROVED CELL CULTURE MEDIUM	CELLCA GMBH	18/04/2008	MUMBAI
16	256105	439/MUMNP/2008	20/09/2006	20/09/2005	TISSUE INHIBITOR COMPOSITION OF METALLOPROTEINASES (TIMP) LINKED TO GLYCOSYLPHOSPHATIDYLINOSITOL (GPI)-ANCHORS FOR TREATMENT OF CANCER & SKIN LESIONS	HUSS, RALF, NELSON, PETER, JON	21/03/2008	MUMBAI
17	256106	2467/MUMNP/2008	27/04/2007	28/04/2006	A METHOD OF MANUFACTURING A COX-2 INHIBITOR	CAMBRIDGE SCIENTIFIC PTY LTD	27/02/2009	MUMBAI
18	256115	1467/MUMNP/2009	26/03/2004	02/05/2003	A POLYPEPTIDE FOR USE IN TREATING AN AUTOIMMUNE DISEASE	XENCOR INC.	19/03/2010	MUMBAI

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Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mber	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)	Appropriat e Office
1	256051	3347/CHENP/2006	11/03/2005	15/03/2004	METHOD AND DEVICE FOR PNEUMATIC TREATMENT OF POWDER MATERIALS	DIETRICH ENGINEERING CONSULTANTS S.A	22/06/2007	CHENNAI
2	256063	2899/CHENP/2004	20/06/2003	20/06/2002	RATE CONTROL FOR MULTI-CHANNEL COMMUNICATION SYSTEMS	QUALCOMM INCORPORATED	17/02/2006	CHENNAI
3	256074	4092/CHENP/2006	03/05/2005	07/05/2004	BULK MATERIAL COOLER FOR COOLING HOT MATERIAL TO BE COOLED	KHD HUMBOLDT WEDAG GMBH	29/06/2007	CHENNAI
4	256075	1018/CHE/2005	27/07/2005		METHOD FOR FAST DISCOVERY OF EXISTENCE OF A NEIGHBOURING ROUTER	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	27/07/2007	CHENNAI
5	256081	2411/CHE/2006	22/12/2006		METHOD OF POWER OPTIMIZATION FOR RANDOM ACCESS PROCEDURE UNDER QUASI-STATIONARY ENVIRONMENT	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	28/11/2008	CHENNAI
6	256082	2951/CHENP/2006	20/12/2004	13/01/2004	METHOD OF FILTERING AND STORING INFORMATION ABOUT CONTENT	KONINKLIJKE PHILIPS ELECTRONICS N.V.	08/06/2007	CHENNAI
7	256083	77/CHENP/2007	08/06/2005	09/06/2004	ACTUATOR ASSEMBLY	NORGREN LIMITED	24/08/2007	CHENNAI
8	256084	1485/CHENP/2004	04/12/2002	07/12/2001	METHOD FOR ISOMERIZING ALLYL ALCOHOLS	BASF AKTIENGESELLSCHAFT	10/02/2006	CHENNAI
9	256085	2568/CHENP/2006	12/01/2005	15/01/2004	DATA MIRRORING BETWEEN GEOGRAPHICALLY DISTRIBUTED SITES	ORACLE INTERNATIONAL CORPORATION	08/06/2007	CHENNAI
10	256086	810/CHE/2008	01/04/2008	02/04/2007	METHOD OF OPERATING AN ELECTROCHEMICAL CONVERSION ASSEMBLY	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	21/08/2009	CHENNAI
11	256087	522/CHENP/2008	21/07/2006	22/07/2005	A PLASTIC ROD LENS HAVING A CYLINDRICAL SHAPE	mitsubishi rayon co., ltd	19/09/2008	CHENNAI

12	256088	104/CHE/2007		18/01/2007		NOVEL PROCESS FOR THE PREPARATION OF METHYL 2-[{(3S)-[3-(2E)-(7-CHLOROQUINOLIN-2-YL)ETHENYL]-PHENYL}-3- HALOPROPYL]BENZOATE	MYLAN LABORATORIES LTD	28/11/2008	CHENNAI
13	256096	1987/CHE/2005		30/12/2005		METHOD FOR IMPROVING OVERALL BATTERY LIFE OF A MOBILE TERMINAL IN A WIRELESS COMMUNICATION SYSTEM	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	20/07/2007	CHENNAI
14	256097	4733/CHENP/2006	01/04/2005	24/05/2004	PLATE-TYPE HEAT EXCHANGER	METHANOL CASALE S.A.	29/06/2007	CHENNAI	
15	256098	2944/CHENP/2004	20/06/2003	24/06/2002	A METHOD FOR PROCESSING DATA FOR TRANSMISSION IN A MULTIPLE-INPUT MULTIPLE-OUTPUT (MIMO) COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	17/02/2006	CHENNAI	
16	256099	1903/CHENP/2006	05/11/2004	07/11/2003	METHODS AND APPARATUSES TO IDENTIFY DEVICES	ALIEN TECHNOLOGY CORPORATION	08/06/2007	CHENNAI	
17	256102	464/CHE/2006	15/03/2006		METHOD OF DELIVERING MULTIMEDIA MESSAGING SERVICE (MMS) NOTIFICATIONS	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	07/12/2007	CHENNAI	
18	256110	3692/CHENP/2006	17/03/2005	06/04/2004	WINDSCREEN WIPER DEVICE	ROBERT BOSCH GMBH	06/07/2007	CHENNAI	
19	256111	3916/CHENP/2006	25/04/2005	26/04/2004	POLYETHYLENE AND CATALYST COMPOSITION FOR ITS PREPARATION	BASELL POLYOLEFINE GMBH	15/06/2007	CHENNAI	
20	256112	5578/CHENP/2007	04/06/2002	04/06/2001	INTEGRATED ELECTROKINETIC DEVICES AND METHODS OF MANUFACTURE	EPOCAL INC	28/03/2008	CHENNAI	

Publication Under Section 43(2) in Respect of the Grant

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	256064	3846/KOLNP/2007	10/05/2006	12/05/2005	BONDING AN ADHERENT TO A SUBSTRATE VIA A PRIMER	DOW CORNING IRELAND LIMITED	30/05/2008	KOLKATA
2	256068	886/KOL/2004	30/12/2004	30/12/2003	A SURGICAL INSTRUMENT FOR STAPLING AND CUTTING TISSUE IN A CONTROLLED MANNER	ETHICON ENDO-SURGERY INC.	15/09/2006	KOLKATA
3	256070	3423/KOLNP/2007	30/05/2006	30/05/2005	A METHOD AND SYSTEM FOR CONTENT CHARGING	HUAWEI TECHNOLOGIES CO., LTD.	21/03/2008	KOLKATA
4	256071	3926/KOLNP/2006	19/07/2005	22/07/2004	APPARATUS AND METHOD FOR CHECKING LUMINESCENT VALUE DOCUMENTS	GIESECKE & DEVRIENT GMBH	22/06/2007	KOLKATA
5	256076	3155/KOLNP/2007	02/02/2006	02/02/2005	BIOSTATIC POLYMER	NOVAPHARM RESEARCH (AUSTRALIA) PTY LTD.	28/12/2007	KOLKATA
6	256077	1347/KOLNP/2008	28/09/2006	05/10/2005	MANGANESE DIOXIDE-CATALYST FOR HYDROLYSING CARBOXYLIC ACID NITRILES	EVONIK DEGUSSA GMBH	26/12/2008	KOLKATA
7	256078	966/KOLNP/2007	21/09/2004	21/09/2004	A PROCESS FOR THE AGGLOMERATION OF MATERIALS THROUGH THE USE OF INFRARED RADIATION AND APPARATUS THEREOF	IGLESIAS VIVES, JOAN	13/07/2007	KOLKATA
8	256089	71/KOLNP/2008	21/06/2006	13/07/2005	TRANSMISSION OF ETHERNET PACKETS VIA A CPRI INTERFACE	NOKIA SIEMENS NETWORKS GMBH & CO. KG.	05/12/2008	KOLKATA
9	256090	1624/KOLNP/2006	03/12/2004	03/12/2003	GLYCOPEGYLATED GRANULOCYTE COLONY STIMULATING FACTOR	BIOGENERIX AG	11/05/2007	KOLKATA

10	256091	1568/KOLNP/2006	12/01/2005	13/01/2004	BOLT CAPABLE OF BEING PRESSED INTO A METAL SHEET IN A TORSION-PROOF AND EJECTION-PROOF MANNER	ACUMENT GMBH & CO. OHG	04/05/2007	KOLKATA
11	256092	856/KOLNP/2006	17/10/2003	17/10/2003	MULTIAxis MACHINE TOOL AND METHOD OF ACTIVATING SAID MACHINE TOOL	TRINARY ANLAGENBAU GMBH	27/07/2007	KOLKATA
12	256108	32/KOLNP/2008	19/07/2006	22/07/2005	N-(ARYLALKYL)-1H-PYRROLOPYRIDINE-2-CARBOXAMIDE DERIVATIVES, PREPARATION AND THERAPEUTIC COMPOSITION THEREOF	SANOFI-AVENTIS	08/08/2008	KOLKATA

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