

पेटेंट कार्यालय
का
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 01/2011

ISSUE NO. 01/2011

शुक्रवार

FRIDAY

दिनांक: 07/01/2011

DATE: 07/01/2011

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.

(P H Kurian)

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

7TH JANUARY, 2011

CONTENTS

SUBJECT		PAGE NUMBER
JURISDICTION	:	4 – 5
SPECIAL NOTICE	:	6 – 7
EARLY PUBLICATION (DELHI)	:	8 – 12
EARLY PUBLICATION (MUMBAI)	:	13 – 37
EARLY PUBLICATION (CHENNAI)	:	38 – 47
EARLY PUBLICATION (KOLKATA)	:	48 – 51
PUBLICATION AFTER 18 MONTHS (DELHI)	:	52 – 104
PUBLICATION AFTER 18 MONTHS (MUMBAI)	:	105 – 118
PUBLICATION AFTER 18 MONTHS (CHENNAI)	:	119 – 251
PUBLICATION AFTER 18 MONTHS (KOLKATA)	;	252 – 351
AMENDMENT UNDER SEC.57(KOLKATA)	:	352
PUBLICATION U/R 84 (3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (MUMBAI)	:	353
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	:	354 – 358
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	:	359 – 360
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	:	361 – 362
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	:	363 – 364
INTRODUCTION TO DESIGN PUBLICATION	:	365
COPYRIGHT NOTIFICATION	:	366
RECTIFICATION OF REGISTER DESIGN ACT 2000 (UNDER SECTION 31)	:	367
CANCELLATION PROCEEDINGS UNDER SECTION 19(1) OF THE DESIGNS ACT, 2000 & DESIGNS (AMENDMENT) RULES, 2008	:	368
CANCELLATION PROCEEDINGS UNDER SECTION 19 OF THE DESIGNS ACT, 2000	:	369 – 370
REGISTRATION OF DESIGNS	:	371 - 539

**THE PATENT OFFICE
KOLKATA, 07/01/2011**

Address of the Patent Offices/Jurisdictions

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

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

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

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

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

पेटेंट कार्यालय
कोलकाता, दिनांक 07/01/2011
कार्यालयों के क्षेत्राधिकार के पते

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

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

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

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

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

SPECIAL NOTICE

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

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

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

(P H Kurian)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

Early Publication:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2347/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :30/09/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : MULTIPURPOSE PORTABLE LIGHTING DEVICE

(51) International classification

:H02J
7/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ANKUR AGARWAL

Address of Applicant :56 SAMAJ KALYAN APARTMENTS,
VIKAS PURI, NEW DELHI 110018 India

(72)Name of Inventor :

1)ANKUR AGARWAL

2)SARIT GUHA

3)VINAYAK ARORA

(57) Abstract :

A multi-purpose portable lighting device includes a receptacle, a light source mounted on a panel, a rechargeable voltage source electrically connected to the light source, a power source configured to recharge the rechargeable voltage source and a charge controller for regulating flow of current from the power source. The charge controller electrically connects the power source to the rechargeable voltage source and further electrically connects the rechargeable voltage source to the light source.

No. of Pages : 35 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2572/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :27/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : ADVANCED MANAGEMENT CONTROL SYSTEM FOR REAL TIME MONITORING OF VEHICLES

(51) International classification	:G08G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAMIT WADHWA
(32) Priority Date	:NA	Address of Applicant :G-17, MANSAROVAR GARDEN,
(33) Name of priority country	:NA	NEW DELHI 110015 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAMIT WADHWA
(87) 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 advanced management control system for real time monitoring of multiple vehicles based on multiple parameters includes a vehicular sub-system installed in each vehicle of the multiple vehicles, a surveillance sub-system for real time monitoring and controlling of the multiple vehicles based on at least one parameter of the multiple parameters and at least one inspection device for inspecting the multiple vehicles. Further, the vehicular sub-system, the surveillance sub-system and the at least one inspection device are capable of communicating with each other via at least one mode of communication network.

No. of Pages : 41 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2369/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :01/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : A BASE MATERIAL AND A SYSTEM FOR FINISHING WORKPIECE(S).

(51) International classification	:B24B1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HARLAL SINGH MALI
(32) Priority Date	:NA	Address of Applicant :4091/2, SECTOR-46 D,
(33) Name of priority country	:NA	CHANDIGARH-160047, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HARLAL SINGH MALI
(87) 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 base material and a system for finishing workpiece(s). The presence of fullers earth in hydrated fibers imparts a visco-elastic characteristic (elasticity, compression resistance, increased relaxation times) Presence of fullers earth develops abrasive holding characteristics along with the elastomeric properties of hydrate cellulose fibers. This enables uniform abrasive micro finishing of cast, machined or other parts surfaces which are complex enough to be finished by traditional processes. Such medias are suitable for difficult to finish materials such as Metal Matrix Composites (MMCs). The base material can be either used in existing systems or in the system of the present invention for finishing workpiece(s). Further, the base material is environmentally sustainable.

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8104/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : DEVICE FOR GAS-LIQUID CONTACTING

(51) International classification	:B01D 3/22
(31) Priority Document No	:12/141,578
(32) Priority Date	:18/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/042461
Filing Date	:01/05/2009
(87) International Publication No	:WO 2009/154885
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UOP LLC

Address of Applicant :25 EAST ALGONQUIN ROAD, P.O.
BOX 5017, DES PLAINES, ILLINOIS 60017-5017, UNITED
STATES OF AMERICA

(72)Name of Inventor :

1)AGNELLO, JOSEPH

(57) Abstract :

One exemplary embodiment can be a device 120 for a gas-liquid contacting apparatus 100. The gas-liquid contacting apparatus 100 can include a member 140. The member 140 can include: a non-breakable portion 150, and a breakable portion 180 adapted for removal by application of an effective amount of force for creating one or more holes 152 for a passage of a fluid there-through.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8342/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :24/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : CARBON DIOXIDE ABSORBER PARTIAL PUMPAROUND FOR COOLING SEMI-LEAN PHYSICAL SOLVENT

(51) International classification	:B01D 53/02
(31) Priority Document No	:61/075,839
(32) Priority Date	:26/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/042093
Filing Date	:29/04/2009
(87) International Publication No	:WO 2009/158064
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UOP LLC

Address of Applicant :25 EAST ALGONQUIN ROAD, P.O. BOX 5017, DES PLAINES, ILLINOIS 60017-5017, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)DAVIS, LAMAR, A.

(57) Abstract :

The present invention provides for removal of carbon dioxide and hydrogen sulfide from a synthesis gas stream. A partial pump around is provided to cool a portion of the solvent leaving the bottom of the carbon dioxide absorber. This allows for a reduction in the solvent circulation rate and associated equipment sizes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1362/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :29/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : POLYHEXAMETHYLENEGUANIDINE AND ITS SALTS BASED DISINFECTANT

(51) International classification	:A61L2/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BIOS AGRICORP PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :UNIT NO.B/428, MASTER MIND1,
(33) Name of priority country	:NA	I.T PARK ROYAL PALM GOLF CLUB, AAREY
(86) International Application No	:NA	COLONY,GOREGAON (EAST), MUMBAI-400 065,
Filing Date	:NA	Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)REIJO SAUNAMAKI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and a composition for disinfecting hand, matter or materials such as medical instruments, operating rooms, examining tables, laboratories, walls, windows, floors, solutions, porous substances, non porous substances, and the like contaminated with bacteria, bacterial spores, fungi, or viruses is disclosed. The composition consists of a Polyhexamethyleneguanidine and its salts as the key ingredient.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1200/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :12/04/2010

(43) Publication Date : 07/01/2011

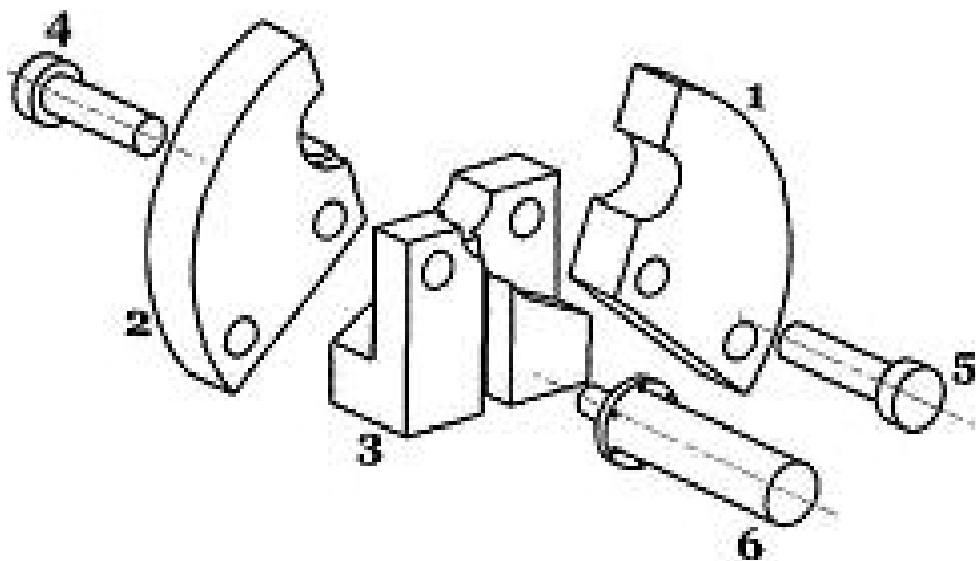
(54) Title of the invention : REBAR BUNDLING MACHINE.

(51) International classification	:B65B27/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PANNALAL VAIBHAV
Address of Applicant :C/O M/S. FIRST HOUSE, 25-A,
BHANPURI INDL. AREA, RAIPUR - 493 221,
CHHATTISGARH, INDIA.
(72)**Name of Inventor :**
1)PANNALAL VAIBHAV

(57) Abstract :

A machine useful for making bundles of rod like elements such as rebar or reinforcement bars, rods, sections, draw bars, pipes etc. is disclosed. The machine consists of bending arms (1 & 2) linked to the base plate (3). Bending arms open and close through a hydraulic jack (7) U-shaped tie clip (13) is placed between the bending arms and rebar (14) are placed inside the tie clip. Bending arms (1 & 2) are closed through hydraulic jack (7) making a bundle. Firmly and uniformly tied rebar bundles can be made quickly with the help of this invention.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1701/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :03/06/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : AN EFFICIENT COOLING POUCH AND HEATING PAD WITH LONG LASTING COOLING EFFECT AND MULTIPLE ATTACHMENTS WITH SHAPES COMPATIBLE WITH DIFFERENT BODY PARTS

(51) International classification	:A61F7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NIKHIL VORA
(32) Priority Date	:NA	Address of Applicant :E-302, VASANT AISHWARYA,
(33) Name of priority country	:NA	KANDIVALI (WEST), MUMBAI 400 067, MAHARSHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	2)JIGNA DOSHI
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NIKHIL VORA
Filing Date	:NA	2)JIGNA DOSHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is based on efficient cooling pouch which provides long lasting cooling in any part of body specially on the center of the shoulder right on spine. It has multiple attachments. It consists of following parts. Outer layer of device is made up Cloth or artificial leather or nylon for supporting of device, one layer of EPE Heatlon with Polyester foil poly. Three layer of non woven 70gsm polypropylene (PP). SAP Gel with propylene glycol and water in variable ratio. The assembled parts are sealed in a Metalize Polyester or LDPE bag which can sustain up to 90 degree Celsius. The pouch is pre-cooled in the freezer for 2-3 hours in the freezer before the intended use. Cooling pouch is attached with elastic Velcro so that the device can be worn like a bag on any part of body specially shoulders. The cooling effect starts instantaneously on wearing the pouch and lasts upto 3 to 4 hours. After that it cools the body by 10 degree Celsius in hot normal climate of 30 degree Celsius to 40 degree Celsius. It is reusable again when sap gel packet is put in freezer for 2 to 3 hours. It is small in size and light weight and thus easy to carry anywhere. The weight of this device is less than 1.00 kg. The components of the pouch are made of non toxic, non allergic and environment friendly material. This pouch gives long lasting cooling. The invention is thus very useful in warm and hot climates. It can be used in outdoors for comfort in hot weather and it may be used indoors as an alternative for air conditioners usage and thereby saving electricity.

No. of Pages : 13 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1762/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :10/06/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PROCESS FOR FRACTIONATION OF LIGNOCELLULOSIC BIOMASS

(51) International classification	:C12P7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ARVIND MALLINATH LALI
(32) Priority Date	:NA	Address of Applicant :DBT-ICT CENTRE FOR ENERGY
(33) Name of priority country	:NA	BIOSCIENCES, INSTITUTE OF CHEMICAL TECHNOLOGY
(86) International Application No	:NA	(DEEMED UNIVERSITY).NATHALAL PARIKH MARG,
Filing Date	:NA	MATUNGA(E) MUMBAI-400019, Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)LALI ARVIND MALLINATH
Filing Date	:NA	2)VARAVADEKAR JAYESH SUMAN
(62) Divisional to Application Number	:NA	3)WADEKAR PRATHAMESH CHANDRASHEKHAR
Filing Date	:NA	

(57) Abstract :

A process of fractionation of biomass using aqueous ammonia for fractionation of biomass into lignin, cellulose and/or hemicellulose is provided herein. The process disclosed in the present invention is recovers lignin, cellulose and hemicellulose in more than 90% purity. The present invention also provides process of saccharification and fermentation of biomass using aqueous ammonia for production of soluble sugars, alcohols, acids, phenols and other desired products, or derivatives thereof. The process disclosed in the present invention is robust, cost effective and scalable.

No. of Pages : 45 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2000/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :27/10/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : PERSONAL CARE COMPOSITION WITH COCOA BUTTER AND DIHYDROXYPROPYL AMMONIUM SALTS

(51) International classification	:A61K 8/41
(31) Priority Document No	:11/755008
(32) Priority Date	:30/05/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2008/050614
Filing Date	:21/01/2008
(87) International Publication No	:WO2008/145410A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HINDUSTAN UNILEVER LIMITED
Address of Applicant :165/166 BACKBAY
RECLAMATION, MUMBAI - 400020, MAHARASHTRA,
INDIA
(72)**Name of Inventor :**
1)CHANDAR PREM
2)TIAN WEI DONG
3)TEMPESTA DANIEL ALFRED
4)JIANG ZHI-XING

(57) Abstract :

A personal care composition is provided that when the composition is applied to the skin provides improved translucency to reveal a healthy skin color. The composition is based upon a mixture of dihydroxypropyl quaternary ammonium salt and cocoa butter.

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

(54) Title of the invention : SYSTEM AND METHOD FOR REMOTE MONITORING OF SECURITY PERSONNEL

(51) International classification :G08B21/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)KAMAL JAIN

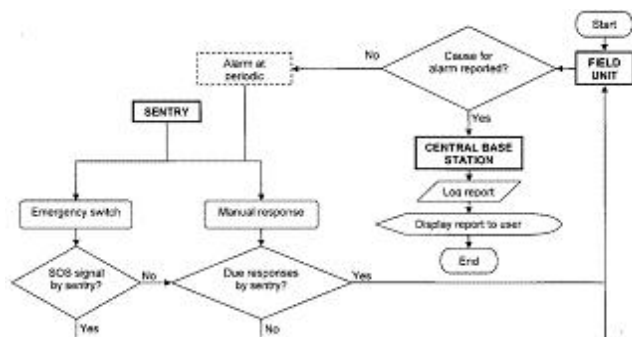
Address of Applicant :JAI-SING, NEAR POST OFFICE,
 VADGAON BK., OFF SINHGAD ROAD, PUNE 411 007,
 MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)KAMAL JAIN

(57) Abstract :

A premise-monitoring wireless alarm system is disclosed which has capability of tracking level of alertness of security guard on duty. Also disclosed are alarm generation and alarm management systems for use with systems for tracking and monitoring persons from a central monitoring center. Essentially comprising a base transceiver for a control panel and numerous distributed remote transceivers servicing the numerous security guard posts, the distributed remote alarm-event management logic of the present invention automatically logs qualitative assessment of level of alertness of the security guard(s) and allows generation of emergency signal to appropriate tier of agencies for remedial action.



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

(54) Title of the invention : TAMPER PREVENTING ARRANGEMENT FOR A KINETIC AIR VALVE

(51) International classification :F16K24/04
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)KIRLOSKAR BROTHERS LTD.

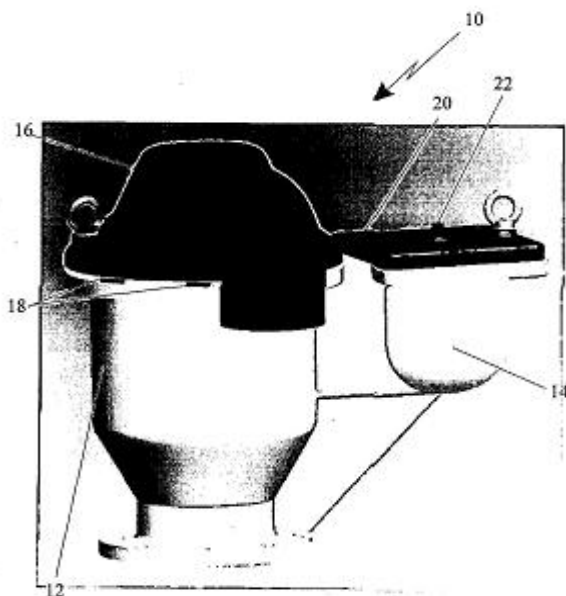
Address of Applicant :YAMUNA, 2ND FLOOR, S. NO. 98/3-7,BANER, PUNE-411 045, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)BABU, K.N.

(57) Abstract :

A tamper preventing arrangement for kinetic air valve (10) is disclosed wherein a high pressure chamber (14) and a low pressure chamber (12) are provided with arrangements to prevent their tampering. The low pressure chamber (12) is provided with a cowl (16) with a tube formation (15) having a cross-wire shaped formation while the high pressure chamber (14) is provided with a high pressure nipple (22). The tamper preventing arrangement for kinetic air valve (10) is reliable, increases the service life of the valve, easy to maintain and involves lower cost of maintenance.



No. of Pages : 17 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2510/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :13/09/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : NOVEL DIARYL SUBSTITUTED IMIDAZO [2,1-B] BENZOTHIAZOLE DERIVATIVES AND PROCESS FOR PREPARATION THEREOF

(51) International classification :C07D277/00,A61K31/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)JITENDER KUMAR MALIK
Address of Applicant :D-36, AAKARTI GARDEN, NEHRU NAGAR, BHOPAL M.P. INDIA.
2)BASAVRAJ K. NANJWADE
3)MALLESHAPPA N. NOOLVI
4)F.V. MANVI
(72)Name of Inventor :
1)JITENDER KUMAR MALIK
2)BASAVARAJ K. NANJWADE
3)MALLESHAPPA N. NOOLVI
4)F.V. MANVI

(57) Abstract :

The present invention relates to novel di-aryl substituted imidazo [2,1-b] benzothiazole compounds, their stereoisomers, tautomeric forms, their regioisomers, polymorphs, esters, metabolites, and prodrugs, their pharmaceutically acceptable salts and their pharmaceutically acceptable solvates to compositions of any of the aforementioned embodiments together with pharmaceutically acceptable carriers, and to uses of any of the aforementioned embodiments as analgesic, anti-inflammatory, anticancer, antibacterial and antifungal activities. More particularly, the present invention relates to di-aryl substituted imidazo [2,1-b] benzothiazole derivatives and process for their preparation. We have synthesized a series of substituted diarylimidazo-[2,1-b]-benzothiazole derivatives by reacting 2-amino benzothiazole with an appropriately substituted α -bromo-1,2-(p-substituted) diaryl-1-ethanones. The derivatives were characterized by spectral studies using IR, ¹H NMR, ¹³C NMR, MS and HRMS. All the synthesized compounds were evaluated biologically for their analgesic, antiinflammatory, anti-tumour, antibacterial and antifungal activities.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2858/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :14/10/2010

(43) Publication Date : 07/01/2011

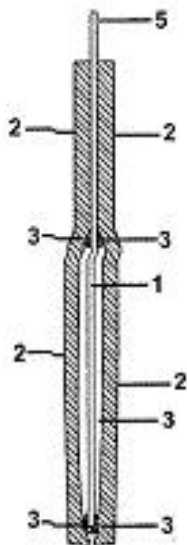
(54) Title of the invention : METHOD OF MANUFACTURING ELECTRODE FOR SUPERCAPACITOR

(51) International classification :H01G9/042
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KARANDIKAR PARASHURAM BALWANT
Address of Applicant :5/5 GOLF RESIDENCY,
YERAWADA, PUNE 411 006, MAHARASHTRA, INDIA.
(72)Name of Inventor :
1)KARANDIKAR PARASHURAM BALWANT
2)TALANGE DHANANJAY BALU

(57) Abstract :

Present invention Method of manufacturing electrode for supercapacitor makes use of a fine wire mesh (1) of corrosion resistant metal. Said wire mesh is provided with electrical connections (5). The wire mesh is loaded with activated carbon along with metal oxide in the ratio of at least 20:1 weight by weight forming slurry. The electrode thus coated is dried. The electrode is then put on porous separator material (2). The size of said sheet is kept in excess of the size of said wire mesh. An acid resistance adhesive is then pasted on the separator piece such a way that this adhesive will come exactly on four edges of the wire mesh electrode prepared. Then second separator piece is placed on it in such a way that, electrode along with first separator is covered completely. The assembly so formed is subjected to pressure till said adhesive is cured, thereby forming the electrode.



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

(54) Title of the invention : SLUDGE TREATMENT PLANT AND METHOD OF TREATING SLUDGE

(51) International classification :C02F11/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)PRATIBHA INDUSTRIES LIMITED

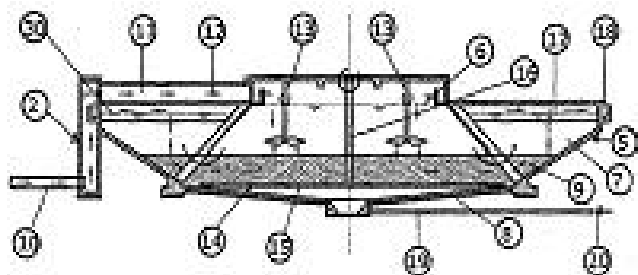
Address of Applicant :UNIVERSAL MAJESTIC, 14TH FLOOR, P L LOKHANDE MARG, OFF GHATKOPAR MANKHURD LINK ROAD, GOVANDI, MUMBAI - 400 043, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)ZAVERI CHANDRESH HASMUKHLAL**2)BHANDARKAR SHIRISH VISHNUPANT****3)KULKARNI SANJAY VINAYAK****4)DESHPANDE SHARAD PRABHAKAR****5)MASTAKAR AARTI AMAR**

(57) Abstract :

Sludge treatment plant and method of treating sludge. The plant (1) comprises a reactor thickener (2) and a sludge drying bed (3). The reactor thickener comprises a vessel (5) defining an inner reaction zone (6), an outer clean water zone (7) and a hopper bottom settling zone (8). The inner reaction zone opens onto a sludge blanket (9) formed on the hopper bottom settling zone and extending into the clean water zone. The reaction zone comprises a sludge inlet (10), weighting agent dosing inlet (11) and a pH control agent dosing inlet (12). The reaction zone further comprises a plurality of spaced apart agitators (13) and a rotary scraper (14) disposed for rotation about vertical axes. The clean water zone opens at the top thereof into a launder (17) around the clean water zone. The launder has a clean water outlet (18). The hopper bottom settling zone is provided with a sludge drainage line (19) fitted with a control valve (20). The sludge drying bed has a sludge inlet (21) connected to the sludge drainage line of the reactor thickener and a clean water outlet (22) and a sludge outlet (23). The method comprises treating the sludge in the inner reaction zone by agitating the sludge and dosing the sludge with a weighting agent and a pH control agent to maintain the pH of the sludge in the reaction zone between 7.5 to 7.8. The sludge particles are allowed to settle down at the hopper bottom settling zone of the reactor thickener and form a sludge blanket extending upto the bottom of the inner reaction zone and into the clean water zone. The water in the reaction zone is allowed to percolate through the sludge blanket into the clean water zone and rise up in the clean water zone and flow out under the force of a head difference between the sludge in the reaction zone and water in the clean water zone. The thickness of the sludge blanket is maintained constant by stirring the sludge blanket and withdrawing the sludge in the sludge blanket at the hopper bottom settling zone of the reactor thickener at a controlled rate. The sludge is treated in the sludge drying bed to further separate water from the sludge. (Figs 1 and 3).



No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1757/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :09/06/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : A NOVEL COMPOSITION OF HERBAL NUTRACEUTICAL JAM AND JELLY AND METHOD OF PREPARING THE SAME

(51) International classification	:A61K36/00,A23L1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SAURABH KULKARNI
Address of Applicant :55, GURUKRUPA, SATARA AREA,
OPP. MHASKE PETROL PUMP, BEED BY PASS ROAD,
AURANGABAD. Maharashtra India
(72)**Name of Inventor :**
1)SAURABH KULKARNI

(57) Abstract :

The present invention relates to the preparation of jam and jelly from the herbs having nutraceutical property (Rasayana property as per the Ayurvedic terminology). The literature provides the list of the herbs which have the nutraceutical/rasayana property. Here they are converted to jam and jelly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2071/MUM/2009 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : SKIP WEIGHING TYPE OF CONCRETE BATCHING PLANT

(51) International classification	:G01G19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AQUARIUS ENGINEERS PVT.LTD.
(32) Priority Date	:NA	Address of Applicant :AQUARIUS HOUSE,
(33) Name of priority country	:NA	SHEELAVIHAR COLONY, OFF KARVE ROAD,
(86) International Application No	:NA	ERANDAWANE, PUNE 411 038, Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)ASHOK VIDYANAND DIKSHIT
(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 skip weighing mechanism for a concrete batching plant. The mechanism includes a skip, at least one track having a first portion and a second portion, an aggregate supplying bin, at least one load cell and a skip resting assembly. The at least one track is capable of guiding the skip. The first portion has a first predefined angular gradient and the second portion has a second predefined angular gradient. The aggregate supplying bin is positioned above the first portion for supplying a predetermined quantity of aggregates to the skip. The at least one load cell is capable of weighing the skip with the predetermined quantity of the aggregates therein and display the weight thereof. The skip resting assembly is capable of holding the skip below the aggregate supplying bin for receiving and weighing the aggregates.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3090/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :10/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : COMPRESSED AIR OPERATED ENGINE

(51) International classification :F02C1/00,F02C7/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)PATEL GIRISHCHANDRA CHUNILAL

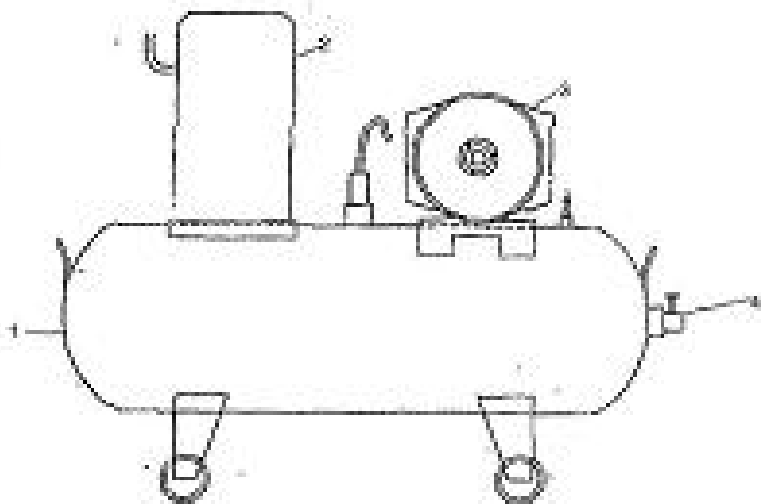
Address of Applicant :14, SAHAJANAND SOCIETY, CTM
CHAR RASTA, NR. VISHNU PETROL PUMP, NR. EXPRESS
HIGHWAY, CTM, AHMEDABAD, GUJARAT, INDIA

(72)Name of Inventor :

1)PATEL GIRISHCHANDRA CHUNILAL

(57) Abstract :

The compressed air engine is used as energy source for the different utilization. In the present invention, air is filled into the compressed air chamber at very high pressure and this chamber is connected with the generator, rotating shaft of the small detachable device is connected with the generator and this generator is connected with the pressurize air chamber from the one end and the second end is directly connected to transfer the energy directly for the utilization purpose. Compressed air engine comprising air compressor, a pressurized air chamber, power generator and small detachable device. The generated energy can directly used for the utilization or one can store it.



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

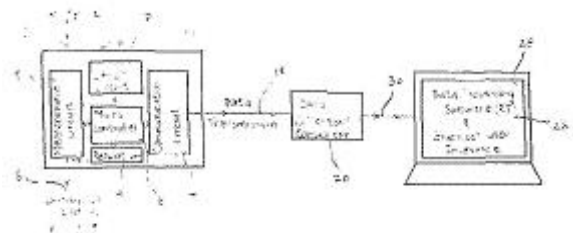
(54) Title of the invention : OPTIMIZING UTILITY USAGE BY SMART MONITORING

(51) International classification :G01D4/00,G06F17/00
 (31) Priority Document No :61/249,237
 (32) Priority Date :06/10/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)MAKARAND SHINDE
 Address of Applicant :5877, WELCH LANE, LIVERMORE
 CA 94550, USA. .
 (72)Name of Inventor :
1)MAKARAND SHINDE
2)WILLIAM BRISKO
3)NITU M SHINDE

(57) Abstract :

The invention generally concerns systems and methods for optimizing usage of utilities such as power, water and gas in residential, commercial and industrial applications by smart monitoring of usage. The system consists of a measurement device that embodies a set of semiconductor ICs in a form factor that may be installed at every point of use of a utility in a non-invasive manner. Another aspect of the invention is the invention is a software program loaded on a host computer that assimilates measured data from multiple measurement devices over a wired / wireless communication network. The communication network used for data transmission may be one of combination of wired/wireless Ethernet, telephone line, power line. A unique aspect of the invention is that each measurement device in a network gets an automatic MAC ID which is used by the software for polling each device for collecting measured data. By polling every device sequentially, the software manages to streamline data collection and not cause excessive noise on the communication network whose primary function might be to carry a utility such as power, water, gas, etc. The measurement device may also consist of an embedded sensor for sensing environmental or operating parameters such as temperature, light intensity, humidity, pressure, etc. Sensed data may be transmitted along with the utility usage data or in separate data packets on the communication network. Assimilated data is used for modeling and displaying periodic (which could be near real-time) utility usage pattern on the host computer and subsequently broadcast over the internet to a remote location or website. Another aspect of the invention is data collection on the same communication network and the display of usage summary for various utilities such as power, water and gas individually or combined on the same computer user interface. Having one interface for multiple utilities could provide residential or enterprise user a common billing interface for multiple utility providers. A two way communication between the measurement device and the control software would facilitate implementation of optimization techniques to improve uptime of devices consuming the utility and to reduce cost by minimizing waste of utility.



No. of Pages : 64 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2781/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :01/12/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR CHLORIDE REMOVAL FROM BIOMASS

(51) International classification	:C10L5/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABELLON CLEANENERGY LIMITED
(32) Priority Date	:NA	Address of Applicant :ABELLON CLEANENERGY
(33) Name of priority country	:NA	LIMITED, 3RD FLOOR, SANGEETA COMPLEX,
(86) International Application No	:NA	NR.PARIMAL CROSSING, AHMEDABAD-380 006 GUJRAT,
Filing Date	:NA	INDIA.
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PATEL PANKAJ
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a method for removal of chloride /potassium from bio mass for producing high quality pellets of bio-fuel the high energy content produced without using 5bonding agents such as polymeric thermoplastic materials or special combustion apparatus to handle ash fusion issues, the said method comprising of treating a bio mass by washing with water by dipping the material in water or spraying water on the material and subsequent removal of water, washing bio mass on line by spraying water when it is being transported on a conveyor belt, removing water soluble chlorine by gravity l0separation followed by vacuum filtration or by positive pressure of air or other suitable gas and drying the treated biomass by solar drying, in an oven and/or by blowing hot air. The treated biomass obtained shall be used for manufacturing solid biofuel pellets with or without using binder.

No. of Pages : 10 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3070/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :08/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : LABEL PEEL

(51) International classification	:B65C9/00,G09F3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MAHESH JAYANTILAL MEVADA

Address of Applicant :18, AARYAVART II BUNGLOWS,
OPP. AUDA GARDEN, PRAHALAD NAGAR, VEJALPUR,
AHMEDABAD 380 015, GUJARAT, INDIA

2)NIRAV JAYANTILAL MEVADA

(72)Name of Inventor :

1)MAHESH JAYANTILAL MEVADA

2)NIRAV JAYANTILAL MEVADA

(57) Abstract :

The LabelPEEL device get activated and immediately remove the rejected label from the Label Roll during online operation. Removal of rejected label from the Sticker Label Roll ensure that there is no application of rejected label on product and hence no need to eject the product with rejected label. Moreover this system gives more comfort and safety to the products as it is very easy to identify the product without any Label as compare to product with wrong/rejected labels. Due to removal of Rejected label from roll there is no possibility of application of label on product and in this case product moves further without the labels and its very easy to detect the product without any label hence the rejection system provided on machine easily eject the product from line.

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

(21) Application No.3071/MUM/2010 A

(43) Publication Date : 07/01/2011

(43) Publication Date : 07/01/2011

(71)Name of Applicant :

:B65C9/00

:NA

:NA

:NA

:NA

:NA

: NA

:NA

:NA

:NA

:NA

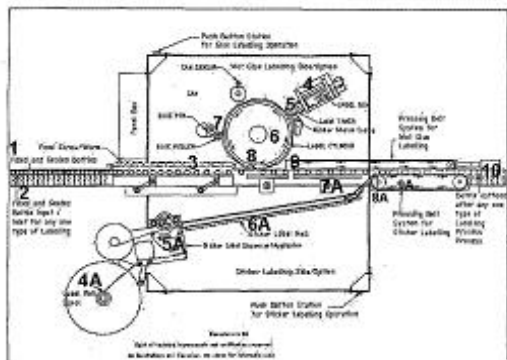
Address of Applicant :18, AARYAVART II BUNGLOWS,
OPP. AUDA GARDEN, PRAHALAD NAGAR, VEJALPUR,
AHMEDABAD 380 015, GUJARAT, INDIA

(72)Name of Inventor :

2)NIRAV JAYANTILAL MEVADA

2)NIRAV JAYANTILAL MEVADA

COMBI LABELLING Machine is used for labeling both types of labeling systems (Wet Glue and Sticker/Self-Adhesive Labels). The user can enjoy the Hassle-free Labelling as per their own requirement. It is very easy for the Customer to use now any type of Round Vials/Bottles etc. on machine and can select the labelling as per the product suitability.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.36/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :06/01/2010

(43) Publication Date : 07/01/2011

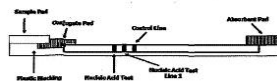
(54) Title of the invention : NUCLEIC ACID DETECTION SYSTEM FOR SICKLE CELL ANEMIA

(51) International classification :G01N33/50
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CHAUHAN SHIVKUMAR DINDAYALSINGH
Address of Applicant : 'PREGEN'PREVENTIVE GENETICS
DIAGNOSTIC CENTRE, 3RD FLOOR,DAYA
CHAMBERS,NEXT TO HALDIRAM'S,AJNI SQUARE,
WARDHA ROAD,NAGPUR-440015, MAHARASHTRA,INDIA
2)CHAUHAN NAVEETA SHIVKUMAR
(72)Name of Inventor :
1)CHAUHAN SHIVKUMAR DINDAYALSINGH
2)CHAUHAN NAVEETA SHIVKUMAR

(57) Abstract :

The present invention relates to the method and devices for detecting normal and mutant analytes in a sickle cell anemia patient sample. This invention provides a complete, one-step, fully functional, ready to use devices like lateral flow device, dipstick device and flow-through device for the rapid, accurate and sensitive detection of a target nucleic acid in a fluid sample of sickle cell anemia patient, wherein the device contains all reagents necessary for the detection and/or diagnosis in an anhydrous format. This invention provides device, which has a porous membrane in communication with a conjugate pad and a wicking pad. The porous membrane has a detection zone, where a test sample is applied and which has an immobilized capture reagent, configured to bind with analytes and analyte-conjugate complexes to generate a visible detection signal.



17
- 6 JAN 2011

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/02/2010

(21) Application No.471/MUM/2010 A

(43) Publication Date : 07/01/2011

(54) Title of the invention : NUCLEIC ACID DETECTION SYSTEM FOR MULTI-DRUG RESISTANCE TUBERCULOSIS

(51) International classification	:G01N33/48	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHAUHAN SHIVKUMAR DINDAYALSINGH
(32) Priority Date	:NA	Address of Applicant : 'PREGEN'PREVENTIVE GENETICS,
(33) Name of priority country	:NA	DIAGNOSTIC CENTRE, 3rd FLOOR,DAYA CHAMBERS,
(86) International Application No	:NA	NEXT TO HALDIRAM'S AJNI SQUARE, WARDHA
Filing Date	:NA	ROAD,NAGPUR-440 015, MAHARASHTRA,INDIA.
(87) International Publication No	: NA	2)CHAUHAN NAVEETA SHIVKUMAR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHAUHAN SHIVKUMAR DINDAYALSINGH
(62) Divisional to Application Number	:NA	2)CHAUHAN NAVEETA SHIVKUMAR
Filing Date	:NA	

(57) Abstract :

The present invention relates to the method and devices for detecting rifampin and isoniazid gene analytes in a multi-drug resistance tuberculosis infected patient sample and culture isolates from MDR-TB. This invention provides a complete, one-step, fully functional, ready to use devices like lateral flow device, dipstick device and flow-through device for the rapid, accurate and sensitive detection of a target nucleic acid in a fluid sample of MDR-TB infected patient, wherein the device contains all reagents necessary for the detection and/or diagnosis in an anhydrous format. This invention provides device, which has a porous membrane in communication with a conjugate pad and a wicking pad. The porous membrane has a detection zone, where a test sample is applied and which has an immobilized capture reagent, configured to bind with analytes and analyte-conjugate complexes to generate a visible detection signal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.876/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :26/03/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : FOAMLESS CAPILARY ACTION COMB

(51) International classification

:A45D24/22

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MANKAD KARIMBHAI VALIBHAI

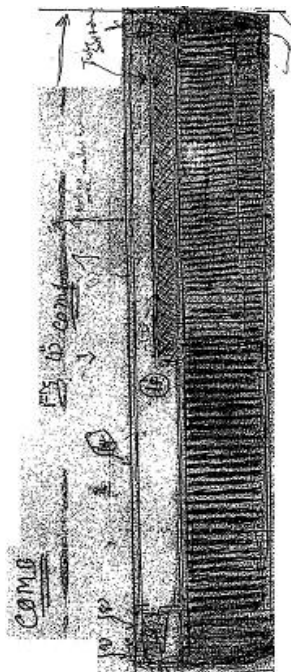
Address of Applicant :FULWADI,PALIYAD DISTRICT
BHAVNAGAR, GUJARAT, INDIA.

(72)Name of Inventor :

1)MANKAD KARIMBHAI VALIBHAI

(57) Abstract :

This hollow handle comb is filled with colour oil or any liquid that flows to the slotted Space of the teeth when the valve between the handle and teeth is opened caspillary action keeps this flow as the hair brushing is in process. No spoiling of hands.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.34/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :06/01/2010

(43) Publication Date : 07/01/2011

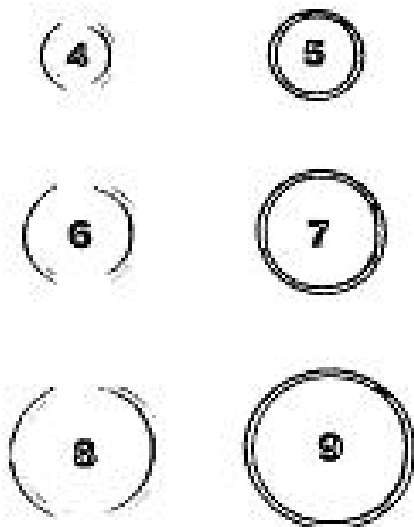
(54) Title of the invention : COLOR-CODED RINGS

(51) International classification	:A61B17/42
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
**1)KRISHNA INSTITUTE OF MEDICAL SCIENCES
DEEMED UNIVERSITY**
Address of Applicant :KRISHNA INSTITUTE OF MEDICAL
SCIENCES DEEMED UNIVERSITY, NEAR DHEBEWADI
ROAD, MALKARPUR,KARAD-415 110, MAHARASHTRA,
INDIA.
(72)**Name of Inventor :**
1)ASHA KRISHNA PRATINIDHI
2)KRISHNA SHRIDHARRAO PATIL

(57) Abstract :

A set of colour coded rings consisting of one subset of even numbers and other subset of odd numbers is indicative of serially increasing cervical dilatation from 4 cm. to 9 cm. vaginal examination with all aseptic precautions is to be carried out every 2 to 4 hours for each delivering woman. Size and colour of the ring corresponding to actual cervical dilatation is to be identified. Next ring of the same colour indicates expected cervical dilatation at the end of every 2 hours. If the expected cervical dilation is not reached within 2 hours it indicates slow progress of labour and need for intervention/referral. It is an alternative for cervicograph which is easy to understand and use by clinical as well as para-clinical personnel during delivery.



No. of Pages : 8 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3158/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :18/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : MOSQUITO EXTINGUISHING VENT COWL

(51) International classification :A01M1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)MR. SATISH DATTATRAY UNDALE

Address of Applicant :A/P: Kundal Tal: Palus Dist: Sangli
Pin: 416 309 Maharashtra India

2)MR. SATISH DATTATRAY UNDALE

3)MR. SATISH DATTATRAY UNDALE

4)MR. SATISH DATTATRAY UNDALE

(72)Name of Inventor :

1)MR. SATISH DATTATRAY UNDALE

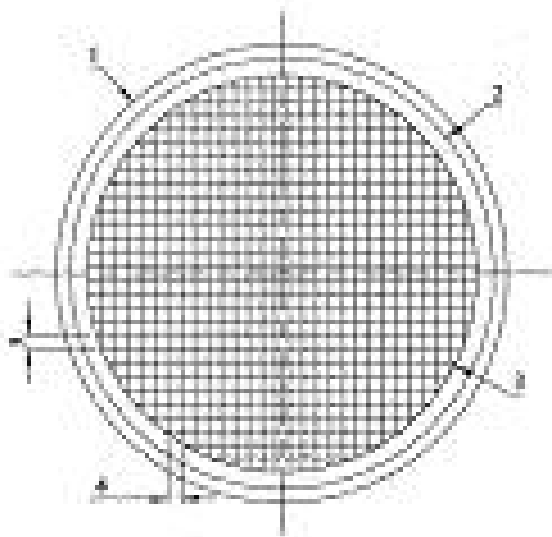
2)MR. SATISH DATTATRAY UNDALE

3)MR. SATISH DATTATRAY UNDALE

4)MR. SATISH DATTATRAY UNDALE

(57) Abstract :

Mosquitoes breed in stored, exposed water collection system. The favored breeding places are the Septic Tank. This is only one place where mosquitoes are in thousands of numbers who lay their eggs in the septic tank gas pipe and overflow pipe and come out from there only. After coming out, their growth further increases. It was the need to trap these mosquitoes inside these pipes. The Mosquito Extinguishing Vent Cowl is having square hole of 1.5 mm side. Through this area gas escapes but not the mosquitoes. This way the mosquitoes inside the pipes can't get out of the pipe and die inside it and the outside mosquitoes can't enter the pipe to lay their eggs.



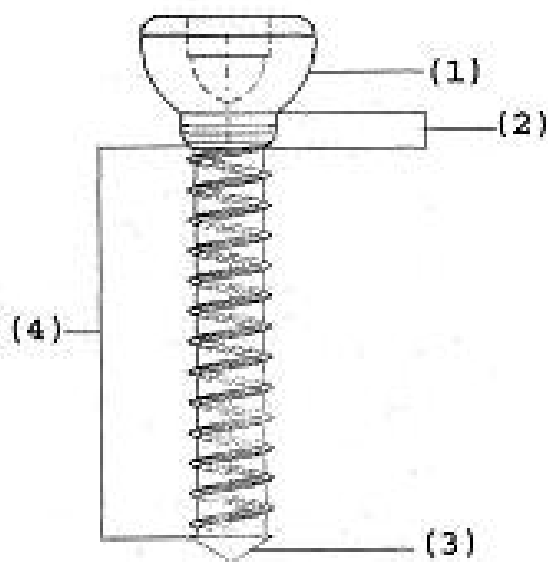
No. of Pages : 6 No. of Claims : 3

(54) Title of the invention : SQUARE HEAD CORTICAL/ CANCELLOUS &/ CANULATED SCREW

(51) International classification	:A61B 17/58	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. RANE SIDDHESH SOPAN
(32) Priority Date	:NA	Address of Applicant :SIDDHESH HOSPITAL 2608/13 A B
(33) Name of priority country	:NA	WARD SUBHASH ROAD NEAR GOKHALE COLLEGE
(86) International Application No	:NA	KOLHAPUR 416012 MAHARASHTRA INDIA
Filing Date	:NA	2)DR. RANE SOPAN MAHIPATRAO
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. RANE SIDDHESH SOPAN
Filing Date	:NA	2)DR. RANE SOPAN MAHIPATRAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Square Head Cortical Screw is designed to replace currently used Hexagonal Head Cortical Screw in the orthopedic implant surgeries. Square head cortical screw has (i) angel of 90 degrees (more acute) between faces it prevents slippage of driver and blunting of screw head. (ii)More distance between bottom of square head and neck of screw strengthens neck preventing breakage at neck.



No. of Pages : 7 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.541/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :02/03/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PLASWALL

(51) International classification	:E04B2/42	(71) Name of Applicant : 1)FABTECH TECHNOLOGIES INTERNATIONAL PVT.LTD Address of Applicant :615/717 JANKI CENTRE, OFF VEERA DESAI ROAD, ANDHERI(W),MUMBAI-400 053, Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor : 1)MARK TAYLOR
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 wall spacer preferably made from plastic or any other similar material used in combination with a pair of formworks positioned in predetermined parallel spaced relation to define inner space for concrete mixture to be poured therein, for a concrete wall having a predetermined thickness, and horizontal and vertical rods positioned within the inner space for reinforcing the concrete wall. The wall spacer includes a box-shaped body having two side walls securable to a said formwork board, a top wall, a bottom wall and an open front and rear portion. The top wall and the bottom wall and an open front opening adapted to receive at least one vertical reinforcing rod. At least one inner wall is located within the body, the inner wall having at least one opening adapted to receive at least one horizontal reinforcing rod. Preferably the inner wall is integrally connected to the body and rigidly supported on each side wall by at least one triangularly formed stiffening member. The inner wall further includes a central opening and opening formed near each corner. The central opening is adapted to receive the at least one horizontal reinforcing rod. A wall spacer is preferably formed from a polymer material such as plastic, polyurethane or other such material. This has the advantage of being light weight, easy to install and will not rust or corrode According to another aspect of the present invention there is provided a form work structure including an opposing pair of formwork boards and a plurality of wall spacers, as described above, located in spaced relationship between the formwork boards. According to a further aspect of the present invention there is provided a method of wall construction including the steps of erecting at least one formwork structure; placing vertical reinforcing rods and horizontal reinforcing rods through each of the wall spacers; and filling the cavity in between the formwork boards with wall material, preferably concrete. The use of wall spacers according to the present invention reduces the weight of the form work structure facilitating construction of the concrete wall.

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

(54) Title of the invention : ROTARY THREE DIMENTIONAL VARIABLE VOLUME MACHINE USABLE AS PUMP, COMPRESSOR, TURBINE AND INTERNAL COMBUSTION ENGINE

(51) International classification :F01C1/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SHARMA, ARVIND KUMAR

Address of Applicant :BH-47, DEENDAYAL NAGAR,
 BHIND ROAD GWALIOR - 474 005, Madhya Pradesh India

2)SINGH, ARVIND KUMAR

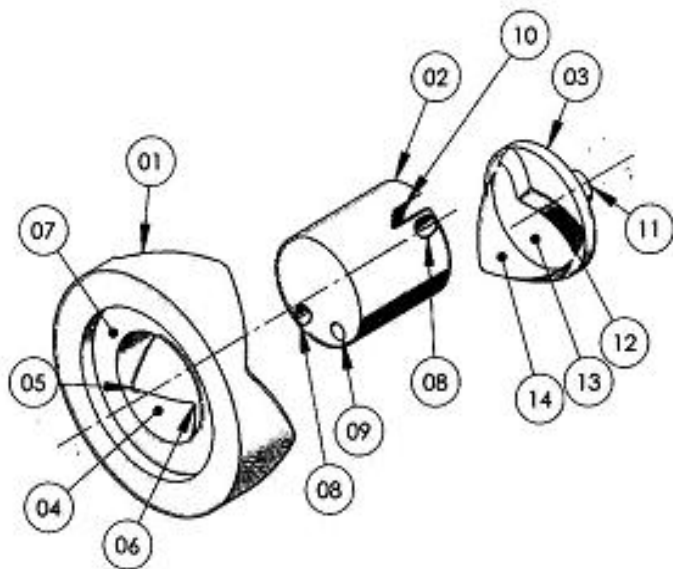
(72)Name of Inventor :

1)SHARMA, ARVIND KUMAR

2)SINGH, ARVIND KUMAR

(57) Abstract :

It has two rotary discs, A (cap) and B; and a rotary EYE (having ports for fluids) placed in the central hole of B Cap is half the diameter of B Both face each other and maintain contour complementarity (wall height of A+ radial depth of B are constant at contact) during both rotations on their axes placed 1As radius apart. The cap seals the cavity underneath and permits entry and exit through it of the radial ridges and furrows of B The ridges sweep the floor of the cap and divide it into variable volume compartments that suck & expel fluid simultaneously through the EYE. The machine may function as pump, compressor, turbine and rotary internal combustion engine. If eliminates clutch when placed in the axel of wheel between the two forks, conserve most of the kinetic energy for a short while, lost generally to frequent break applications.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3930/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :22/12/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : AN EFFICIENT PROCESS FOR HEALTH CARE DELIVERY AND A HEALTH CARE DELIVERY SYSTEM THEREFROM

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DHARMA NAIK LAXMAN NAIK, SANJEEV KUMAR
(32) Priority Date	:NA	Address of Applicant :NO. 1699/25,5TH CROSS,
(33) Name of priority country	:NA	SIDDAVEERAPPA LAYOUT, DAVANGERE 577004
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DHARMA NAIK LAXMAN NAIK, SANJEEV KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an efficient process for health care delivery and a health care system with networked modem hospitals. The process is very user friendly as the interested party need not travel long distance to urban centers for any medical assistance at any time of the day. The patient or the attendant may either walk into the nearest recognized hospital or can call up a 24x7 help line. As soon as the patient interacts with the hospital or the helpline the process starts immediately with the chain of interactions between the doctor, laboratories, pharmacy. This in the rural areas, by the articulation of the existing systems and renovation of the command structure and incorporation of information & communication technology for better implementation of the health care services in any country through the innovation of this idea and patent. The methods which we disclose here are... Less time consuming, reducing the reaction time for any situation within an hour to less than it. Doctor is always present at the site. This system can handle any emergencies. The system doesnt need any prior planning on the side of the patient to get the services and even if needed the time taken would be less than a day. This system takes care from new-born to the aged of both sexes and of any age group and of any status. This system doesnt require telephone, or any other communication or structural obligation on the part of the patient or client who seeks the service. The process incorporates the allied branches of medicines like dental, ayurveda, homoeopathy, physiotherapy, yoga & meditation, counseling, prayer support, lifestyle advices and other specialties. Surgical care is provided. LABOR care also provided at these hospitals. More emphasis is on proper diagnosis & reduction of communicable diseases and other life threatening illnesses which are easily treatable if diagnosed early and properly. It is ultimately providing quality basic health care by incorporating personalized care by establishing modem hospitals and having minimum manpower to serve the needs of the patients and save them from communicable diseases, simplified managements of lifelong illnesses A health data base is maintained of all the beneficiaries who take the health care services at any point of time. This system over the period of time reduces the cost burden on the part of the patients. Over the period of time the patient gets the best benefits and in long run improved health care delivery system from private sector.

No. of Pages : 19 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3913/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :22/12/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : A VENDING DEVICE AND METHOD FOR VENDING MULTIPLE PRODUCTS

(51) International classification	:G07F11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JITIN CHANDNA
(32) Priority Date	:NA	Address of Applicant :KRUPALAYA APPTS, F-II-2,
(33) Name of priority country	:NA	LOTHKUNTHA, VENKTAPURAM, SECUNDERABAD - 500
(86) International Application No	:NA	015 Andhra Pradesh India
Filing Date	:NA	2)B.M. MADHUSUDHAN
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JITIN CHANDNA
Filing Date	:NA	2)B.M. MADHUSUDHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A product vending device and method of vending multiple products are disclosed. The product vending device includes a product storage module for storing multiple products, a display module to perform navigation across the multiple products and initiate a vending transaction, a payment module to make a payment, a product delivering module for dispensing the selected products, a product handling means for selecting and delivering the selected products, an error detecting means for detecting the delivery of the selected vended products, an inbuilt imaging device for displaying movement of the product handling means, a diagnostic module for performing multiple diagnostic tests, an account creation module to register an account, an information storage module for storing informations associated with the user, an inbuilt hand sanitizer dispensing means for sanitizing the hands, a kiosk module to access multiple predefined services and a video conferencing means to send multiple video conference requests.

No. of Pages : 28 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3996/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :29/12/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : MOBILE CONTROLLED MULTIDRUG INFUSION SYSTEM

(51) International classification	:A61M5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)K.E.CH. VIDYASAGAR
(32) Priority Date	:NA	Address of Applicant :MTECH 2ND YEAR, CENTER FOR
(33) Name of priority country	:NA	BIOMEDICAL RESEARCH SBST, VIT UNIVERSITY,
(86) International Application No	:NA	VELLORE - 632 014 Tamil Nadu India
Filing Date	:NA	2)DR. SUDESH SIVARASU
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)K.E.CH. VIDYASAGAR
Filing Date	:NA	2)DR. SUDESH SIVARASU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The infusion pumps are medically valuable devices that inject drug timely. But the automation is restricted to a level i.e. the wireless capability is not present. The medical conditions nowadays are becoming diverse wherein a mixture of drugs is a compulsion at different intervals. Under such circumstances a multi channel infusion systems with wireless potential is the need of the hour. The multi channel system is embedded with GSM technology that translates the SMS from the user into an instruction to inject drug. The technology is specific i.e. the amount of drug and the channel to be used can be decided by the user through his or her cell phone which is a ubiquitously present communication device. This invention will metamorphose the telemedicine and give the medical personnel a sense of freedom and time such that other patients dont feel ostracized for treatment. This technology can be implemented in other medical devices with similar skeletal backdrop. It will enhance the quality of treatment and will transfigure the medical therapeutic devices.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3998/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :29/12/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : A PROCESS FOR PRODUCTION OF ETHANOL AND ALLIED DOWN-STREAM PRODUCTS FROM PLANT MATERIAL USING NATURAL RUMEN MICROBES

(51) International classification	:C12G3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MUTALIK VIJAYARAO SAMPANNA
(32) Priority Date	:NA	Address of Applicant :A/1, FIRST MAIN, FIRST CROSS,
(33) Name of priority country	:NA	VIDYANAGAR, DAVANGERE - 577 004 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MUTALIK VIJAYARAO SAMPANNA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for production of ethanol and allied down-stream products from plant material using natural rumen microbes isolated from various herbivorous animals. Repeated hydrolysis of the same plant material without any ore-treatment of plant material has been found to be efficient, environment-friendly, reliable and cost-effective solution to production of ethanol from lignocelluloses feedstock and is an efficient way to manage agricultural waste.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1999/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :14/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : CONTAINER FOOD CENTRE

(51) International classification	:F25D23/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)W. KALAI SELVAN
(32) Priority Date	:NA	Address of Applicant :22/1, SARDHAR PATEL ROAD,
(33) Name of priority country	:NA	ADYAR, CHENNAI - 600 020 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)W. KALAI SELVAN
(87) 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 Mobile food court having energy convertor system, It converts the natural energy to operational energy the energy being transferred to working platform. he said food court is of modular concept comprising a) a module for cooking area having cold storage for refrigeration b) a module for cooking appliance for processing of food and c) semi-solid crushers stroke machinery for waste disposal, the working platform comprises sub-modules such as a) Serving plat form b) Cooking platform c) Ceiling table d) Deep freezer and e) Working area.

No. of Pages : 13 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3680/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :06/12/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : SYSTEM FOR CONVERTING WASTE HEAT INTO ELECTRICITY BY USING PYROELECTRIC CRYSTAL

(51) International classification

:H02N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SUNNY SHARMA

Address of Applicant :C 3/5 AAI RESIDENTIAL COLONY,
MEENABAKKAM, CHENNAI AIRPORT, CHENNAI - 600 027
Tamil Nadu India

(72)Name of Inventor :

1)SUNNY SHARMA

(57) Abstract :

A system for converting waste heat into electricity by utilizing a set up comprising of Heat Source or electronic device, Operational Amplifier and Pyroelectric Crystal. The current generated inside the crystal is converted into voltage by Operational Amplifier. The voltage is further used to power the same heat source or electronic device.

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

(54) Title of the invention : NON CONVENTIONAL ENERGY TRAIN

(51) International classification

:B61B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SYED MOHAMMED IBRAHIMAddress of Applicant :PLANET ENGINEERING WORKS,
20/280, B.K.M STREET, KADAPA-516 001. Andhra Pradesh
India**2)SYED OMAR GHOUSE**

(72)Name of Inventor :

1)SYED MOHAMMED IBRAHIM**2)SYED OMAR GHOUSE**

(57) Abstract :

A non-conventional energy train comprising of rail track plates, bolts, wheels, differential box, wheel shaft, generator shaft, heavy duty generator, heavy duty batteries and heavy duty motor. It has 3 rail tracks placed vertically to avoid accidents if any one the rail track is damaged or misplaced by any culprits. The wheels are placed in such a way that one wheel is placed straight and the next wheel is placed opposite direction to it. Fig. No. 6

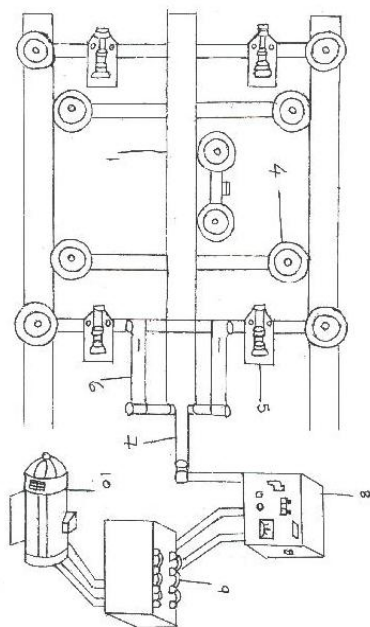


Fig. No. 6

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

(19) INDIA

(22) Date of filing of Application :30/12/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : TWO-STROKE INTERNAL COMBUSTION ENGINE

(51) International classification

:F02B

(31) Priority Document No

$$:\text{N} \text{A}$$

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TVS MOTOR COMPANY LIMITED

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

2) INDIAN INSTITUTE OF SCIENCE

(72)Name of Inventor :

1)NARASIMHAN, MELKOTE VIRARAGHAVACHAR

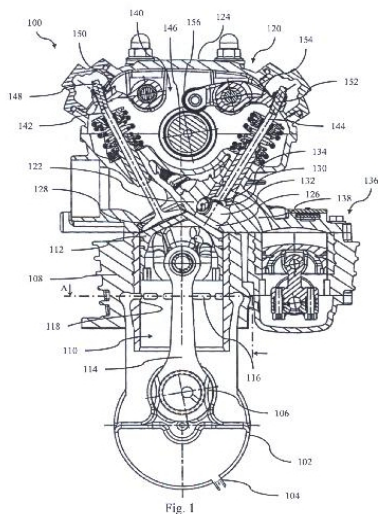
2) LAKSHMINARASIMHAN, VARADHA IYENGAR

3)KUMAR, D NAGENDRA

4)YALAMURU, RAMACHANDRA BABU

(57) Abstract :

The present subject matter relates to a two stroke internal combustion (IC) engine (100). The two stroke IC engine (100) comprises a cylinder head (122) having an auxiliary combustion chamber (132) to achieve at least partial combustion of charge, and an inlet valve (144) to regulate an induction of the charge into the auxiliary combustion chamber (132). The two stroke IC engine (100) further includes a fuel supply pump (136) in fluid communication with the auxiliary combustion chamber (132) to induct the charge into the auxiliary combustion chamber (132). Fig.1



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4017/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/12/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : A RAPID AEROBIC MICROBIAL PROCESS TO REMOVE COLOUR AND LIGNINS FROM BLACK LIQUOR OF WOOD OR PAPER PULP MILL BLACK LIQUOR

(51) International classification	:C02F3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ADV. GEORGE POONTHOTTAM
(32) Priority Date	:NA	Address of Applicant :POONTHOTTATHIL, KALOOR,
(33) Name of priority country	:NA	KOCHI - 682 018. Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. (MRS.). VAIDYANATHAN THANKAMANI
(87) 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 rapid aerobic single step laboratory process to remove the dark brown colour of paper pulp black liquor produced during hot alkaline extraction of lignins from wood shavings. The process involves a local indigenous soil fungus isolated and characterized by the inventor. The fungal isolate identified preliminarily as a non sporing fast growing Deuteromycete coded RaVy F190 was found capable of even utilizing lignins as the sole carbon source accompanied by production of H₂O₂. The fungus RaVy F190 was used to breakdown lignins and other poly phenols in autoclaved alkali lignin extracts from sawdust over a high pH range 5-10 under aerobic static incubation at ambient temperature 25-32 degree Celsius resulting in very high, more than 90%, removal of colour and reduction of COD. The fungus RaVy F190 secreted lignin peroxidases. The mechanism of breakdown of lignins and powerful decolourisation was found to be hydrogen peroxide mediated and was closely associated with rapid primary metabolism completed within 12-24 hours depending on concentration of kraft pulp effluent. The upper liquid column of broth in the laboratory reactor was optically clear. The oxidized end products spontaneously sediment into a firm deposit which could be easily and completely removed by conventional flocculation, sedimentation and filtration.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.584/CHE/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : FOLDABLE MOTORCYCLE HELMET

(51) International classification	:A42B3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PRINCIPAL

Address of Applicant :SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, MARALUR, TUMKUR-572105 Karnataka India

(72)Name of Inventor :

1)DR. C. R RAJASHEKAR

2)BASAVARAJU .N.C

3)BATLURI TILAK CHANDRA

4)NARAYANA SWAMY. G

5)MANOJ.R

6)MANISH.N

(57) Abstract :

Helmets are necessary for riding motorcycles. At present, helmets are not compact, difficult to carry and handle. The main objective of present work is to design a comfortable, self adjusting, protective foldable helmet. Ergonomic design examines how well products, workspaces and environment suit the people who use them. A usable design makes intuitive sense and is physically compactable with the human body. The foldable helmet shell is made up of five plates, which are dragged about a pivot to form helmet shell shape. The lock plates are provided for fixing of each plate at respective angles and also self locking hook at extreme plates. Finally the helmet shell is folded to form of simple shape.

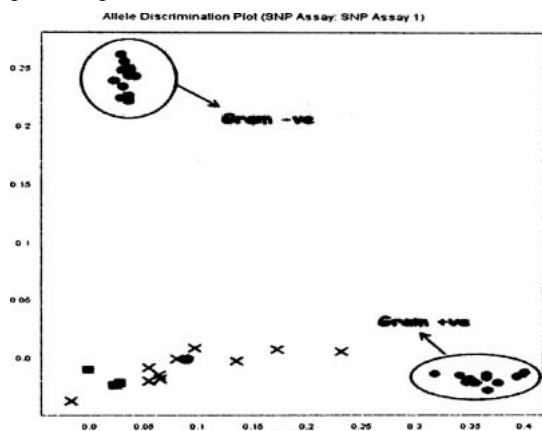
No. of Pages : 9 No. of Claims : 5

(54) Title of the invention : RAPID REALTIME PCR BASED DETECTION OF PATHOGEN IN BACTEREMIA FACILITATING ANTIBIOTIC SELECTION

(51) International classification	:C07H21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAY CHAUDHURI SHAON
(32) Priority Date	:NA	Address of Applicant : "BIMALDEEP", 188/1M,M DUTTA
(33) Name of priority country	:NA	ROAD, NEW BARRACKPUR ,KOLKATA-700131 STATE-
(86) International Application No	:NA	WEST BENGAL; INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAY CHAUDHURI SHAON
(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 deals with a quickest possible process/method for detecting gram nature of the bacterial contamination in blood and other body fluids during bacteremia that facilitates selection of proper antibiotic regime against such pathogen. This method could also be used to detect such bacterial contamination during cord blood collection and preservation in case of cord blood banking, a very promising field now days. Moreover this method could also be used to detect bacterial contamination in stored blood, kept for transfusion, and even before its processing and storage, the collected blood could be checked for the presence of bacterial contamination and thus finding immense application in blood banks. The said process may be useful as a standard benchmark to the medical diagnostic industry for early detection of gram nature of the pathogen which facilitates the selection of antibiotic regime in the quickest possible time so mat it ensure health safety of the patent in an effective manner.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1186/KOL/2010 A

(19) INDIA

(22) Date of filing of Application :27/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : HERBAL MOSQUITO REPELLENT LIQUIDATOR

(51) International classification	:A01N65/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANJAN MUKHERJEE
(32) Priority Date	:NA	Address of Applicant :6,SAHEB BAGAN, P.O
(33) Name of priority country	:NA	SHYAMNAGAR, P.S. JAGATDAL, DIST.24 PARGANAS
(86) International Application No	:NA	(NORTH), PIN-743127 West Bengal India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ANJAN MUKHERJEE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

"Herbal Mosquito Repellent Liquidator" is a new herbal based liquid mosquito repellent product. The basic solvent is rectified spirit and other ingredients used, are the extracts of Azadirachta indica, Ocimum tenuiflorum, Cymbopogon Magrinitus, Eucalyptus globules, Cinnamum camphora, Ocimum basilicum, Capcicum frutescens, Allium sativum.

No. of Pages : 3 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1154/KOL/2010 A

(19) INDIA

(22) Date of filing of Application :19/10/2010

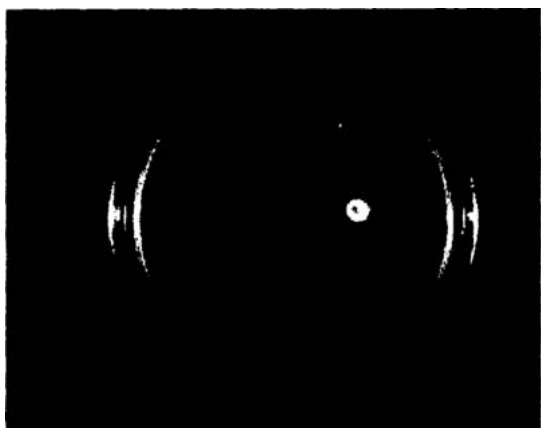
(43) Publication Date : 07/01/2011

(54) Title of the invention : A PROCESS OF STERILIZATION OF COMMONLY AVAILABLE MALE CONDOMS

(51) International classification	:A61F6/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAY CHAUDHURI SHAON
(32) Priority Date	:NA	Address of Applicant : "BIMALDEEP", 188/1 M, M DUTTA
(33) Name of priority country	:NA	ROAD, NEW BARRACKPUR, KOLKATA-700131 STATE-
(86) International Application No	:NA	WEST BENGAL; INDIA
Filing Date	:NA	2)RANJAN THAKUR ASHOKE
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)RAY CHAUDHURI SHAON
Filing Date	:NA	2)RANJAN THAKUR ASHOKE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention deals with the utmost necessity to consider seriously the maintenance of aseptic condition during the manufacturing of commonly available male condoms in the market in its delivery package More particularly, this invention reflects that the lubricants applied on condoms are supports extracellular protease and lipase producing microbes which might turnout to be a major health threat for the women and thus it is essential to sterilize such condoms using 60Co gamma rays during the manufacturing of the condoms and in its delivery packaging.



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

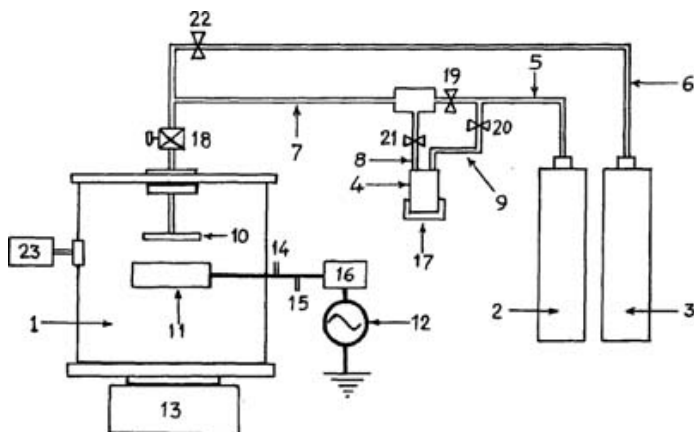
(54) Title of the invention : RADIO FREQUENCY PLASMA POLYMERIZATION FOR SURFACE PROTECTION OF BELL METAL SUBSTRATE

(51) International classification :C07B31/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
**1)DIRECTOR INSTITUTE OF ADVANCED STUDY IN
 SCIENCE AND TECHNOLOGY**
 Address of Applicant :PASCHIM BORAGOAN, P.O.
 GARCHUK, GUWAHATI-781035, ASSAM India
2)SECRETARY DEPARTMENT OF ATOMIC ENERGY
 (72)Name of Inventor :
1)CHUTIA JOYANTI
2)PATIL DINKAR SOPAN
3)CHOUDHURY ARUP JYOTI
4)PAL ARUP RATAN

(57) Abstract :

The present invention relates to the use of radiofrequency plasma polymerization technology for surface protection of bell metal at low temperature. This invention provides a low cost effective and environment-friendly method of depositing polymer films as hydrophobic, hard, adherent, thermally stable, scratch and corrosion resistant coatings on bell metal. This invention successfully overcomes the commonly observed major problem in bell metal i.e. its surface degradation through oxidation upon exposure to air for a period of time.



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

Publication After 18 Months:

The following Patent Applications have been published under Section 11A (3) of The Patents (Amendment) Act, 2005. Any Person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act, 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION (21) Application No.1324/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :08/06/2010 (43) Publication Date : 07/01/2011

(54) Title of the invention : ELECTRICAL JUNCTION BOX

(51) International classification	:H05K5/00;	(71)Name of Applicant :
(31) Priority Document No	:JP2009-156377	1)SUMITOMO WIRING SYSTEMS LTD.
(32) Priority Date	:30/06/2009	Address of Applicant :1-14 NISHISUEHIRO-CHO,
(33) Name of priority country	:Japan	YOKKAICHI-CITY, MIE 510-8503, JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TAKUMI EJIMA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide an electrical junction box having a new structure that can be securely attached to a hole and can be readily removed even if a large clearance is required between the electrical junction box and a peripheral edge section around the attachment hole. An elastic projecting piece is integrally provided on a main body of an electrical junction box. The elastic projecting piece protrudes from an outer surface of the main body. The elastic projecting piece is provided with an engagement projection and an attachment projection that protrude outward from the main body opposite from each other in an extending direction of the elastic projecting piece to constitute an engagement fixing section. Elastic deformation of the elastic projecting piece permits the main body to be fitted into the attachment hole. A second inner-peripheral edge portion around the attachment hole is clamped between the engagement and attachment projections.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2009

(21) Application No.1333/DEL/2009 A

(43) Publication Date : 07/01/2011

(54) Title of the invention : SOLID PHARMACEUTICAL COMPOSITION COMPRISING IRBESARTAN AND AMLODIPINE AND PROCESS FOR MANUFACTURING THE SAME

(51) International classification :A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SANOFI-AVENTIS

Address of Applicant :174 Avenue de France 75013 Paris France.

(72)Name of Inventor :

1)KHULLAR Praveen

2)KOLHE Vinay

3)KULKARNI Amol

4)PATEL Shirishbhai

5)PHADKE Yashwant

6)SARAVANAN D

7)SHINGTE Mansing

(57) Abstract :

The present invention is directed to solid stable pharmaceutical fixed dose compositions comprising irbesartan, amlodipine besilate and pharmaceutically acceptable excipients, to their preparation and to their therapeutic application.

No. of Pages : 23 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1335/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :30/06/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : FORMULATION OF AGRICULTURAL WASTE BASED GROWTH MEDIUM FOR FUNGAL BIOCONTROL AGENT

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. B.K., GOSWAMI
(87) International Publication No	:NA	2)RAJESH KUMAR PANDEY
(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 growth medium based on the agricultural byproducts for culturing of the fungal biocontrol agents. The medium comprises of saw dust, cabbage leaf powder, potato peel and dextrose. The dextrose content in the medium is reduced from that of the conventional Potato dextrose agar medium. The growth on this medium enhances the chitinase and -1, 3-glucanase content of the fungal biocontrol agents like Trichoderma spp. The agro waste based growth medium is of low cost and shows high efficacy towards plant pathogens.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1336/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :30/06/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : A METHOD OF RAPID DOWNSTREAM PROCESSING OF PROTEASES AND LIPASES FOR APPLICATION IN DETERGENT INDUSTRY

(51) International classification	:C12N	(71) Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAJNI SINGH
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of rapid downstream processing of proteases and lipases for application in detergent industry The present inventipn relates to a method of rapid downstream processing of lipases and proteaseb comprising of floatation of the said enzymes obtained from bacteria, yeast or Iungi with detergents and then removal of top containing en/yme and its graritilation. It is a single step, cost effective method for lipases and proteases be adsorption technique.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1341/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :30/06/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : SOLID PHARMACEUTICAL COMPOSITION COMPRISING IRBESARTAN AND AMLODIPINE AND PROCESS FOR MANUFACTURING THE SAME

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SANOFI-AVENTIS

Address of Applicant :174, AVENUE DE FRANCE, 75013
PARIS FRANCE.

(72)Name of Inventor :

1)KHULLAR PRAVEEN

2)KOLHE VINAY

3)KULKARNI AMOL

4)PATEL SHIRISHBHAI

5)PHADKE YASHWANT

6)SARAVANAN D

7)SHINGTE MANSING

(57) Abstract :

The present invention is directed to solid stable pharmaceutical fixed dose compositions comprising irbesartan, amlodipine besilate and pharmaceutically acceptable excipients, to their preparation and to their therapeutic application.

No. of Pages : 23 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1344/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :30/06/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : AN IMPROVED GREENHOUSE TYPE SOLAR DRYER

(51) International classification	:F24D15/02	(71) Name of Applicant :
(31) Priority Document No	:NA	1)PUNJAB AGRICULTURAL UNIVERSTY
(32) Priority Date	:NA	Address of Applicant :PUNJAB AGRICULTURAL
(33) Name of priority country	:NA	UNIVERSITY, LUDHIANA-141004, Punjab India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PREM PAL SINGH
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an improved greenhouse type solar dryer comprising of an enclosure, one side of which is provided with an exhaust fan with movable louvers and other side is provided with an opening with fixed louvers wherein a plurality of drying chambers are provided inside said enclosure in connection with evacuated tubes solar air heaters.

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

(54) Title of the invention : APPARATUS FOR FEEDING CONTAINERS TO A DOWNSTREAM PROCESSING UNIT

(51) International classification	:B65G47/31;	(71)Name of Applicant :
(31) Priority Document No	:10 2009	1)KRONES AG
(32) Priority Date	026 046.3	Address of Applicant :BOHMERWALDSTR. 5, 93073
(33) Name of priority country	:29/06/2009	NEUTRAUBLING, GERMANY
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)MARTIN SEGER
(87) International Publication No	:NA	2)JOHANN HUTTNER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus (1) for feeding containers (4) to a downstream processing unit (2), which receives the containers (4) with a distance (D) between them, is disclosed. At the input end (16) of the infeed worm (6) the containers (4) arrive bunch to bunch and at an exit end (26) of the infeed worm (6) they exhibit the required distance (D) between them. At least two conveyor belts (11, 12), drive-ble with a constant velocity, are arranged such with respect to the infeed worm (6) that the containers (4) are in contact with a groove (7) of the infeed worm (6). The first conveyor belt (11) at the input end (16) of the infeed worm (6) has a smaller velocity in the direction of transport (T) than the conveyor belt (12) at the exit end (26) of the infeed worm (6). (Fig. 2)

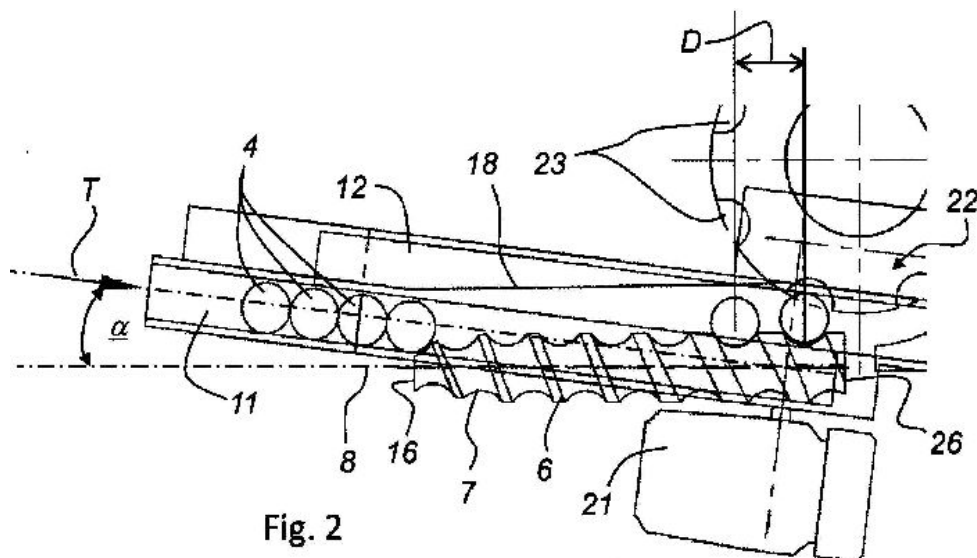


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1352/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :01/07/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : FLUORESCENT LAMP HOLDER ASSEMBLY

(51) International classification	:H01J5/50; H01J61/32	(71) Name of Applicant : 1)PRONPAN VIROJ K.
(31) Priority Document No	:NA	Address of Applicant :23 SOI 14, LAD-YA ROAD, KLONG-
(32) Priority Date	:NA	SAN, BANGKOK 10600, THAILAND.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)PRONPAN VIROJ K.
Filing Date	:NA	
(87) 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 discloses a fluorescent lamp holder assembly comprising a lamp holder and a socket for receiving said lamp holder. The lamp holder has a body which houses a pair of electrical terminals. The said body includes a pair of openings on one wall. The said opening located at a position corresponds to the position of the electrical terminal such that each opening leads to one respective terminal. The said lamp holder includes a pair of parallel spaced-apart legs of which one end of each leg is connected to terminal and the free end of each leg protrudes from said body. The socket has a pair of spaced-apart electrical terminals, each having an opening capable of receiving one leg of the lamp holder. The socket includes a pair of insertion holes for wire connection and includes a horizontal recess on the external walls for coupling to the luminaire. The lamp holder is coupled to the socket by means of inserting a corresponding leg of the lamp holder to the corresponding terminal of the socket.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1355/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :01/07/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : FAST-DISINTEGRATING SUBLINGUAL TABLETS OF SALBUTAMOL SULPHATE AND PREPARATION PROCESS

(51) International classification	:A61K31/196, A61K9/20	(71)Name of Applicant : 1)DR. KANCHAN KOHLI Address of Applicant :READER, DEPTT. OF PHARMACEUTICS, FACULTY OF PHARMACY, JAMIA HAMDARD, NEW DELHI-110062, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. KANCHAN KOHLI
(87) International Publication No	:NA	2)MD SAJID ALI
(61) Patent of Addition to Application Number	:NA	3)DR. YASMIN SULTANA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In mis invention, fast disintegrating sublingual tablet of salbutamol sulphate was developed comprising of polyplasdone XL-10 as a super-disintegrant. Preparation of fast disintegrating sublingual tablet involved (a) screening Salbutamol sulfate 4 mg/100 mg of tablet, mannitol 79 mg/100 mg of tablet and magnesium stearate 1 mg/100 mg of tablet through 40# mesh-sieve, (b) screening polyplasdone XL-10 5 mg/100 mg of tablet through 20# mesh-sieve to get uniform sized particles, (c) preparing interactive mixture by covering coarse mannitol particles with salbutamol sulphate by dry mixing. The materials were mixed in a Teflonized metal jar in a tumbling mixer at 90 rpm for 48 h. (d) adding polyplasdone XL-10 and silici-fied microcrystalline cellulose (SMCC) 10 mg/ 100 mg of tablet to the interactive mixture and mixed at 30 rpm for an additional 30 min (e) adding magnesium stearate 1 mg/100 mg of tablet to blend of step d and blend for 2 min, (f) comprising the above obtained blend of step e into tablets using suitable compression machine with standard concave tooling. The invention provides fast-dissolving tablets of low hardness, low friability and high stability which have the added advantage of cost-effective methods of manufacture.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1371/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :03/07/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : OFFSET-FREE SINC INTERPOLATOR

(51) International classification	:H03M 13/00	(71)Name of Applicant : 1)STMICROELECTRONICS PVT. LTD. Address of Applicant :PLOT NO. 1, KNOWLEDGE PARK- III, GREATER NOIDA, UP 201308, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)RAKHEL KUMAR PARIDA
Filing Date	:NA	2)ANKUR BAL
(87) International Publication No	:NA	3)ANUPAM JAIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An offset free sine interpolating filter (114) includes differentiators (202) operating at a first sampling frequency, integrators (206) operating at a second sampling frequency and one or more coefficient multipliers (204). The coefficient multipliers (204) multiply an input value with a constant coefficient value to generate an output value. The differentiators (202), integrators (206) and coefficient multipliers (204) can be operatively coupled to each other, either directly or through other components such as adders and delay elements. In operation, an input signal is provided to the sine interpolating filter (114) at the first sampling frequency. The input signal is processed by the differentiators (202), integrators (206) and coefficient multipliers (204) to generate an output signal at the second sampling frequency. Once the output signal is generated, the integrators are reset before the next input cycle begins.

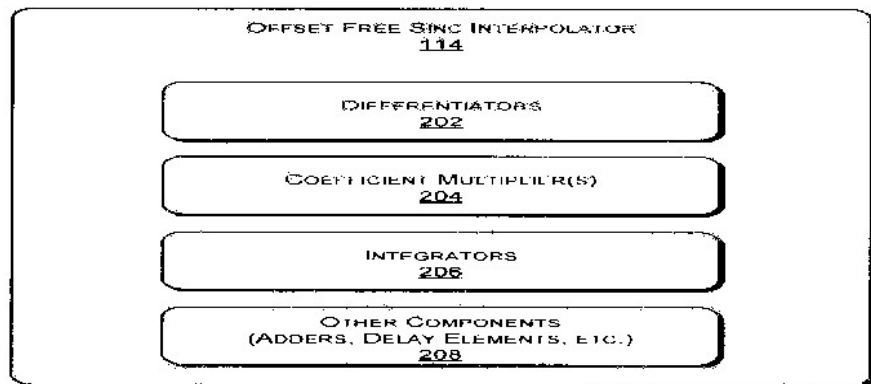


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :30/06/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : MOUTH DISSOLVING TABLETS CONTAINING OLOPATADINE

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RANBAXY LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :12th FLOOR, DEVIKA TOWER, 6,
(33) Name of priority country	:NA	NEHRU PLACE, NEW DELHI-110019, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JASPREET RAMANA
(87) International Publication No	:NA	2)VIKAS BATRA
(61) Patent of Addition to Application Number	:NA	3)SUMIT GUPTA
Filing Date	:NA	4)ANUPAM TREHAN
(62) Divisional to Application Number	:NA	5)VINOD KUMAR ARORA
Filing Date	:NA	

(57) Abstract :

The present invention relates to mouth dissolving tablets comprising olopatadine and the process of preparation of the same.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1350/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :30/06/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : WEB GUIDE□

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Mukul Kumar Sinha

Address of Applicant :A-31 Sector 3 Noida Uttar Pradesh
201301 India

(72)Name of Inventor :

1)Mukul Kumar Sinha

(57) Abstract :

Systems and methods of dynamically presenting a website. The system includes a storage medium and a server. The storage medium includes data adapted for presentation on a first website. The server includes computer executable instructions configured to receive initial preference data and build a preference profile based on the initial preference data. The server also includes computer executable instructions configured to retrieve select first data from the storage medium based on the preference profile, structure a presentation of the first website based on the select first data; and provide targeted queries or prompts based on the first data.

No. of Pages : 73 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1370/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :03/07/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : RESERVE POWER MANAGEMENT SYSTEM

(51) International classification	:H01M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LUMINOUS POWER TECHNOLOGIES PVT. LTD
(32) Priority Date	:NA	Address of Applicant :C 8 & 9 COMMUNITY CENTRE,
(33) Name of priority country	:NA	JANKPURI NEW DELHI-110058, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. PRATIK MUKHERJEE
(87) 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 in general relates to predicting and managing a rechargeable battery comprised in a battery-operated device so as to conserve battery life. More particularly the invention relates to a system for predicting and managing the reserve power of a battery. Even more particularly the invention relates to a system for predicting and managing the reserve power of a battery of an automobile so as to extend travel distance.

No. of Pages : 28 No. of Claims : 22

(54) Title of the invention : FEEDER DEVICE OF A MACHINE ON A PROCESSING LINE FOR PREPARING FIBRE FOR CARDING

(51) International classification :H01R43/055;
 (31) Priority Document No :BS2009A000120
 (32) Priority Date :30/06/2009
 (33) Name of priority country :Italy
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MARZOLI S.p.A.

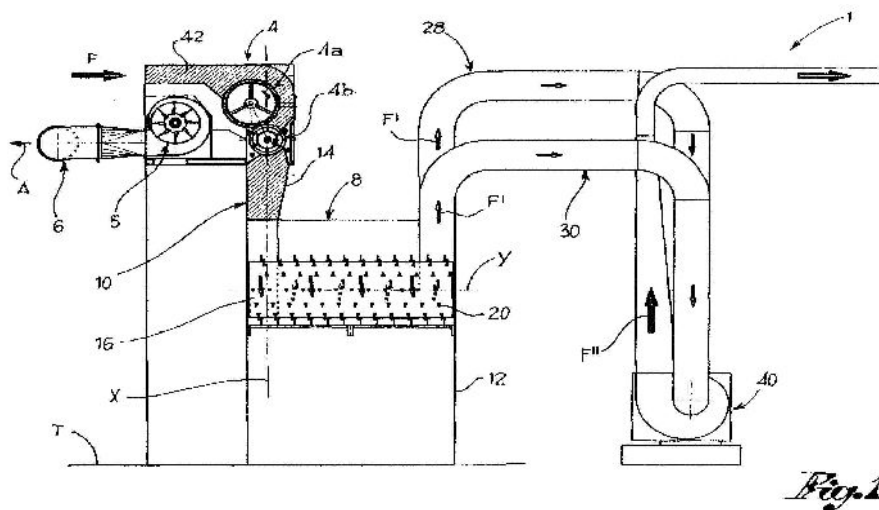
Address of Applicant :VIA S. ALBERTO, 2-25036
 PALAZZOLO S/OGLIO, BRESCIA, ITALY

(72)Name of Inventor :

1)MASCHERETTI, MARIO

(57) Abstract :

A feeder device (4) of a machine on a processing line preparing fibre for carding, comprising a cleaner roller (4a) and a feeder roller (4b), downline of the cleaner roller, and separation devices for separating or keeping separated the incoming flow of fibre into two or more flows of fibre to feed to the machine downline. [FIGURE 1]



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

(54) Title of the invention : METHOD FOR CONVERTING A BLOW MOLDING MACHINE AND BLOW MOLDING MACHINE

(51) International classification :B29C49/04;
 (31) Priority Document No :102009031154.8
 (32) Priority Date :30/06/2009
 (33) Name of priority country :Germany
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

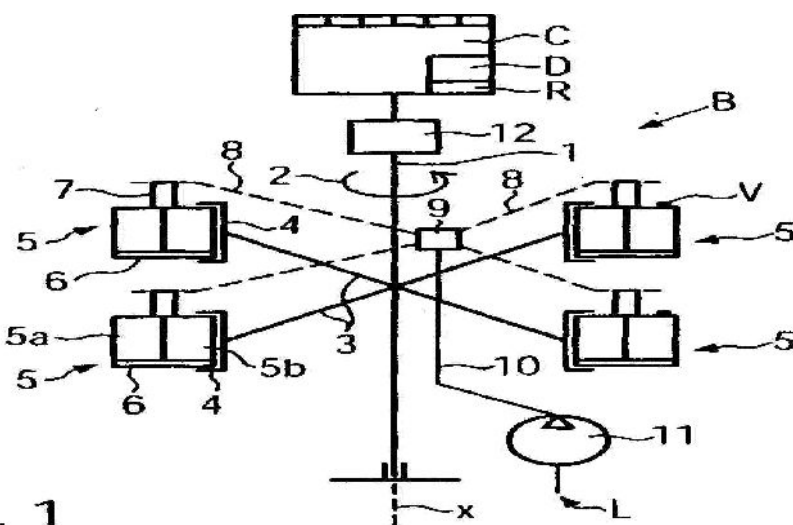
1)KRONES AGAddress of Applicant :BOHMERWALDSTRASSE 5, 93073
NEUTRAUBLING, GERMANY

(72)Name of Inventor :

1)HIRDINA, JOCHEN

(57) Abstract :

In a method for converting a blow molding machine with a plurality of rotatingly movable molds heated to a heat-set operating temperature, due to mold change, at least one simulated work cycle is carried out in the blow molding machine with molds left empty, and a cooling medium is then simultaneously supplied to all mold cavities from the outside so as to cool the molds in comparison with the heat-set operating temperature. In a machine control the blow molding machine comprises a program routine for performing at least one simulated work cycle with empty molds and at a reduced rotational speed of the molds with external supply of a cooling medium into the molds.

**FIG. 1**

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1470/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :24/06/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : BEARING ARRANGEMENT AND MOUNTED COMPONENT FOR A DIFFERENTIAL GEAR MECHANISM

(51) International classification	:B60N2/68;	(71)Name of Applicant :
(31) Priority Document No	:10 2009	1)AKTIEBOLAGET SKF
(32) Priority Date	031 068.1	Address of Applicant :415 50 GOTEORG, SWEDEN
(33) Name of priority country	:30/06/2009	(72)Name of Inventor :
(86) International Application No	:Germany	1)THOMAS FRIEDRICH
Filing Date	:NA	2)WOLFGANG HUSLEIN
(87) International Publication No	:NA	3)UDO KRUG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a bearing arrangement having at least two anti-friction bearings which are spaced apart axially, at least one is configured as a tapered roller bearing, the tapered roller bearing having a number of frustoconical rolling bodies. The cone angle is between 20° and 33°.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1471/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :24/06/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : ELECTRICAL JUNCTION BOX

(51) International classification

:B60R16/04;

(31) Priority Document No

:JP2009-
156372

(32) Priority Date

:30/06/2009

(33) Name of priority country

:Japan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SUMITOMO WIRING SYSTEMS, LTD.,

Address of Applicant :1-14, NISHISUEHIRO-CHO,
YOKKAICHI CITY, MIE 510-8503, JAPAN,

(72)Name of Inventor :

1)ASUKA MORI

(57) Abstract :

The present invention is directed to an electrical junction box having a new structure that (1) does not damage a disengagement prevention function of electrical components on account of engagement projection pieces, (2) does not impair workability in attaching and detaching of the electrical components, and (3) prevents the engagement projection pieces from being broken and holds the electrical components stably in a regular mounting condition under engagement of the electrical components. Engagement projection pieces (36) hold electrical components (28) on electrical component mounting sections (18). The engagement projection pieces (36) protrude from the electrical component mounting sections (18) at outer peripheral sides of the electrical components (28) in attaching and detaching directions of the electrical components (28). Stopper walls (48) protrude from the electrical component mounting sections (18) in the same direction as the engagement projection pieces (36), are separated apart from the engagement projection pieces (36), and are opposed through the pieces (36) to the electrical components (28).

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :03/07/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : LED ILLUMINATION DEVICE

(51) International classification

:F21V

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)PYROSWIFT HOLDING CO., LIMITED

Address of Applicant :FLAT/RM 304, DOMINION CENTRE,
43, QUEEN'S RD EAST WANCHAI, HONG KONG.

(72)Name of Inventor :

1)WANG, PEI-CHOA

(57) Abstract :

A light emitting diode (LED) illumination device includes a vapor chamber, a circuit board and at least one LED. At least one protrusion is formed on a surface of the vapor chamber, and a heat conducting tin layer is formed on the protrusion. The circuit board includes at least one through hole for passing the protrusion. The circuit board is formed by sequentially stacking an insulating layer and a heat conducting layer. The LEDs are installed on and contacted with the protrusions respectively, and each LED has two pins electrically connected to the circuit board. The LED device of the present invention is in a direct contact with the protrusion of the LED, such that the heat dissipated from the LED can be conducted to the vapor chamber, and then the vapor chamber carries away the heat quickly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3027/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : A PHARMACEUTICAL COMPOUND FOR TREATING POLYCYSTIC KIDNEY DISEASES WITH CARAMIDE DERIVATIVES AND METHOD THEREOF

(51) International classification	:A61K 31/4025
(31) Priority Document No	:60/997,803
(32) Priority Date	:05/10/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/011450
Filing Date	:03/10/2008
(87) International Publication No	:WO 2009/045503
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GENZYME CORPORATION
Address of Applicant :500 KENDALL STREET,
CAMBRIDGE, MA 02142 (US). U.S.A.
(72)**Name of Inventor :**
1)NATOLI, THOMAS, A
2)IBRAGHINOV-BESKROVNAYA, OXANA
3)LEONARD, JOHN, P
4)YEW, NELSON, S
5)CHENG, SENG, H

(57) Abstract :

A pharmaceutical compound and method of treating polycystic kidney disease in a subject comprises administering to the subject an effective amount of a compound represented by Structural Formula (1): or a pharmaceutically acceptable salt thereof.

No. of Pages : 121 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3030/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHODS FOR CO-CULTURING CORD BLOOD DERIVED CELLS WITH MENSTRUAL STEM CELLS

(51) International classification	:C12N 5/08
(31) Priority Document No	:61/001,456
(32) Priority Date	:31/10/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/012376
Filing Date	:31/10/2008
(87) International Publication No	:WO 2009/058365
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CRYO-CELL INTERNATIONAL, INC.

Address of Applicant :700 BROOKER CREEK BLVD.,
SUITE 1800, OLDSMAR, FLORIDA 34677 U.S.A.

(72)Name of Inventor :

1)WALTON, MERCEDES, A.

2)ALLICKSON, JULIE, G.

(57) Abstract :

Methods are provided for obtaining expanded human cord blood cells expressing CD34. The methods involve seeding a sufficient amount of cord blood cells with a sufficient amount of menstrual cells under co-culture conditions suitable to promote expansion of the cord blood cells, and co-culturing the cord blood cells with the menstrual cells under culture conditions that support at least two or more population doublings of the cord blood cells. Methods are also provided for growing expanded human cord blood cells to give rise to any one of colony forming units, colony forming unit granulocyte macrophages (CFU-GM), burst forming unit erythroids (BFU-E), and colony forming unit granulocyte erythrocyte macrophage megakaryocyte (CFU-GEMM) blood lineage precursor cells. The expanded cells may express CD34, SSEA-4, and HLA-II. Compositions of the expanded cells are also provided.

No. of Pages : 75 No. of Claims : 20

(54) Title of the invention : MAGNETIC LEVITATION VIBRATION SYSTEMS AND METHODS FOR TREATING OR PREVENTING MUSCULOSKELETAL INDICATIONS USING THE SAME

(51) International classification :A61H 1/00
 (31) Priority Document No :11/868,441
 (32) Priority Date :05/10/2007
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/CN2008/001629
 Filing Date :19/09/2008
 (87) International Publication No :WO 2009/043230
 (61) 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 CHINESE UNIVERSITY OF HONG KONG

Address of Applicant :SHATIN, N.T., HONG KONG, CHINA

(72)Name of Inventor :

1)LEUNG, KWOK-SUI

2)CHEUNG, WING-HOI

3)TAM, KAM-FAI

4)NG, WAI-KIN

(57) Abstract :

A magnetic levitation vibration system (100) comprises a top plate (001), a base plate (002), at least one first magnet, at least one second magnet, at least one electromagnetic actuator (010) comprising an upper half (010A) and a lower half (010B), a controller, a sensor (011), and a control circuit. A method for the treatment or prevention of musculoskeletal indications comprises providing a top plate (001), providing a base plate (002), generating a first magnetic field to levitate the top plate (001), generating a second magnetic field to drive the top plate (001) into vibration, adjusting frequency of vibration of the top plate (001); and adjusting magnitude of vibration of the top plate (001).

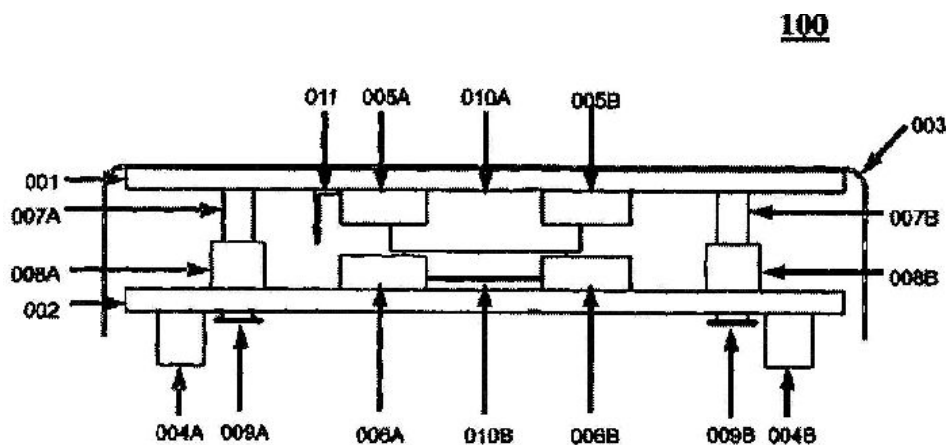


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3032/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PROCESS FOR THE AMMOXIDATION OR OXIDATION OF PROPANE AND ISOBUTANE

(51) International classification :C07C 253/24
(31) Priority Document No :60/979,285
(32) Priority Date :11/10/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/011551
Filing Date :07/10/2008
(87) International Publication No :WO 2009/048553
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INEOS USA LLC
Address of Applicant :3030 WARRENVILLE ROAD, SUITE
650, Lisle, IL 60532 U.S.A.

(72)**Name of Inventor :**
1)PAPARIZOS, CHRISTOS
2)SEELY, MICHAEL, J.
3)BRAZDIL, JAMES, F., JR.
4)SUTRADHAR, BHAGYA, CHANDRA

(57) Abstract :

A process for the ammoxidation or oxidation of a saturated or unsaturated or mixture of saturated and unsaturated hydrocarbon, the process including the steps of combining a performance modifier, a fresh mixed oxide catalyst, or a used mixed oxide catalyst and a fresh and used mixed oxide catalyst to form a catalyst mixture, and contacting the hydrocarbon with an oxygen-containing gas, or an oxygen-containing gas and ammonia, in the presence of the catalyst mixture. The performance modifier may include a compound selected from the group consisting of aluminum compounds, antimony compounds, arsenic compounds, boron compounds, cerium compounds, germanium compounds, lithium compounds, molybdenum compounds, neodymium compounds, niobium compounds, phosphorus compounds, selenium compounds, tantalum compounds, tellurium compounds, titanium compounds, tungsten compounds, vanadium compounds, zirconium compounds and mixtures thereof.

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

(54) Title of the invention : DRY POWDERS OF CELLULAR MATERIAL

(51) International classification :A61K 9/14
 (31) Priority Document No :60/997,923
 (32) Priority Date :05/10/2007
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2008/078979
 Filing Date :06/10/2008
 (87) International Publication No :WO 2009/046440
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)PRESIDENT AND FELLOWS OF HARVARD COLLEGE

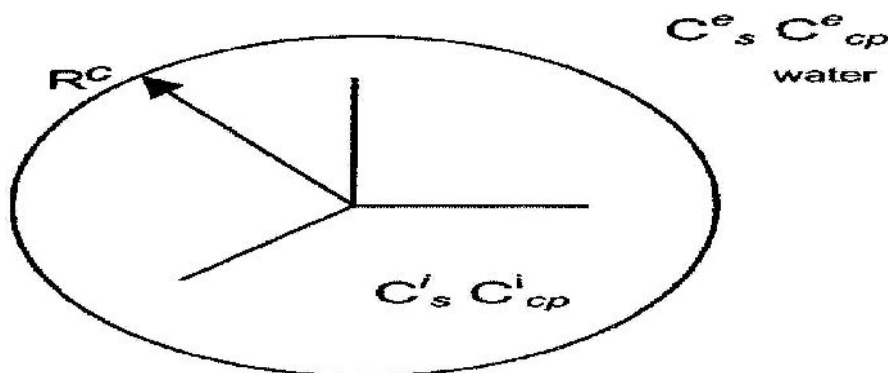
Address of Applicant :17 QUINCY STREET, CAMBRIDGE, MA 02138-3876 U.S.A.

(72)Name of Inventor :

1)EDWARDS, DAVID A.**2)WONG, YUN-LING****3)PULLAM, BRIAN****4)PARKER, KEVIN KIT****5)SHEEHY, SEAN**

(57) Abstract :

Methods and compositions of spray drying cellular material are provided that allow preservation of the cellular material. In one aspect, the cellular material is spray dried with a quantity of excipient. In another aspect, the cellular material is spray dried using a cryoprotectant.

**Fig. 1**

No. of Pages : 89 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3034/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PRIMERS FOR PCR AMPLIFICATION COMPRISING ABASIC PARTS WITHIN THE PRIMER SEQUENCES

(51) International classification	:C12Q 1/68
(31) Priority Document No	:10-2007-0100507
(32) Priority Date	:05/10/2007
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2008/005821
Filing Date	:02/10/2008
(87) International Publication No	:WO 2009/045067
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BIONEER CORPORATION
Address of Applicant :THE 3RD INDUSTRIAL COMPLEX OF DAEJEON, 49-3, MUNPYEONG-DONG, DAEDEOK-GU, DAEJEON 306-220, Republic of Korea
(72)**Name of Inventor :**
1)KIM, HYUN BAE
2)KIM SEONG YOUL
3)GIL, JUN MO
4)PARK, HAE JOON
5)PARK, HAN OH

(57) Abstract :

The present invention relates to primers for PCR amplification comprising abasic parts within the primer sequences and a method for PCR amplification using the same. More precisely, the present invention relates to primers capable of amplifying different templates and having abasic parts complementary to mutated site or polymorphic site of template DNA and a method for PCR amplification comprising the steps of mixing the composition for PCR amplification comprising the primers with nucleic acid template; and performing PCR with the mixture. The primers for PCR amplification of the present invention contain abasic parts not having specific coding information in their nucleotide sequences, so that they can amplify different templates having mutated sites at the same time.

No. of Pages : 67 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3035/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METER PROVIDED WITH MEANS FOR DETECTING FRAUD OR ATTEMPTED FRAUD

(51) International classification	:G01F 15/00
(31) Priority Document No	:07301512.5
(32) Priority Date	:30/10/2007
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2008/064350
Filing Date	:23/10/2008
(87) International Publication No	:WO 2009/056480
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ACTARIS S.A.S.

Address of Applicant :62 BIS AVENUE ANDRE MORIZET,
F-92100 BOULOGNE-BILLANCOURT, FRANCE

(72)Name of Inventor :

1)TAREK BOUZID

2)FLAVIO BERTORELLO

3)PIERRE WILS

(57) Abstract :

The invention relates to a fluid meter including a counter (1) comprising a count member and a cover (2), the cover incorporating a covering element (2D, 5) connected to the cover by at least one breakable element (2C, 5A) for detecting fraud. According to the invention, said covering element (2D, 5) covers a portion for receiving a remote reading module (4, 4), said counter including a wall (3A, 2B) defining said reception portion. Translation of the title and the abstract as published by the PCT Authorities, possibly after making changes, ex officio, e.g. under PCT Rules 37.2, 38.2, and/or 48.3.

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

(54) Title of the invention : TYPE II QUANTUM DOT SOLAR CELLS

(51) International classification :H01L 31/0264
 (31) Priority Document No :11/869,954
 (32) Priority Date :10/10/2007
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2008/079412
 Filing Date :09/10/2008
 (87) International Publication No :WO 2009/049087
 (61) 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 :1214 SOUTH UNIVERSITY AVENUE, 2ND FLOOR, ANN ARBOR, MI 48104-2594, U.S.A.

2)THE TRUSTEES OF PRINCETON UNIVERSITY

(72)Name of Inventor :

1)STEPHEN R. FORREST**2)GUADAN WEI****3)KUEN-TING SHIU**

(57) Abstract :

A device comprises a plurality of fence layers of a semiconductor material and a plurality of alternating layers of quantum dots of a second semiconductor material embedded between and in direct contact with a third semiconductor material disposed in a stack between a p-type and n-type semiconductor material. Each quantum dot of the second semiconductor material and the third semiconductor material form a heterojunction having a type II band alignment. A method for fabricating such a device is also provided.

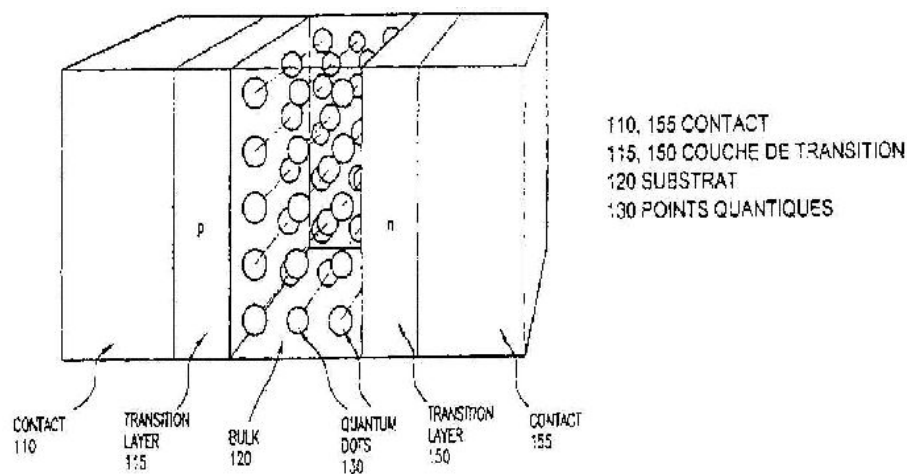


FIG. 1

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

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF POLYHYDROXYSTILBENE COMPOUNDS

(51) International classification :C07C 37/50
 (31) Priority Document No :0758026
 (32) Priority Date :03/10/2007
 (33) Name of priority country :France
 (86) International Application No :PCT/EP2008/062693
 Filing Date :23/09/2008
 (87) International Publication No :WO 2009/043761
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

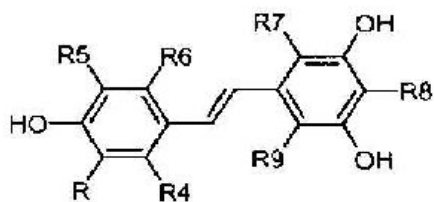
1)CLARIANT SPECIALTY FINE CHEMICALS**(FRANCE)**Address of Applicant :IMMEUBLE LE PLEIN QUEST, 52
AVENUE DES CHAMPS PIERREUX, F-92000 NANTERRE,
FRANCE

(72)Name of Inventor :

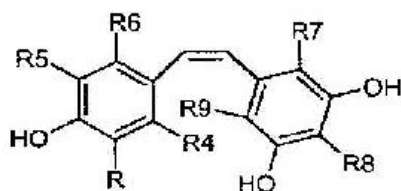
1)JEAN-CLAUDE VALLEJOS**2)ALAIN SCHOUTEETEN****3)DIDIER WILHELM**

(57) Abstract :

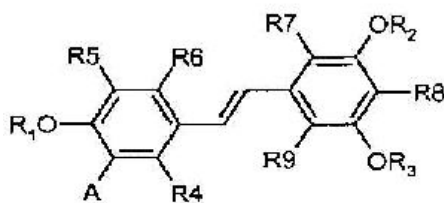
The invention relates to a process for the synthesis of stilbene derivatives of formula (I)-(E) or (I)-(Z) in which R represents hydrogen or an OH group, by deprotection in the presence of an aluminium halide and of a tertiary amine of a compound of formula (II)-(E) or (II)-(Z) in which A represents hydrogen or an OR₁ group, and R₁ R₂, R₃ and R₁ lindependently represent an alkyl or aralkyl group.



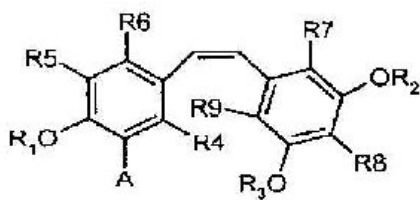
(I)-(E)



(I)-(Z)



(II)-(E)



(II)-(Z)

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3038/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

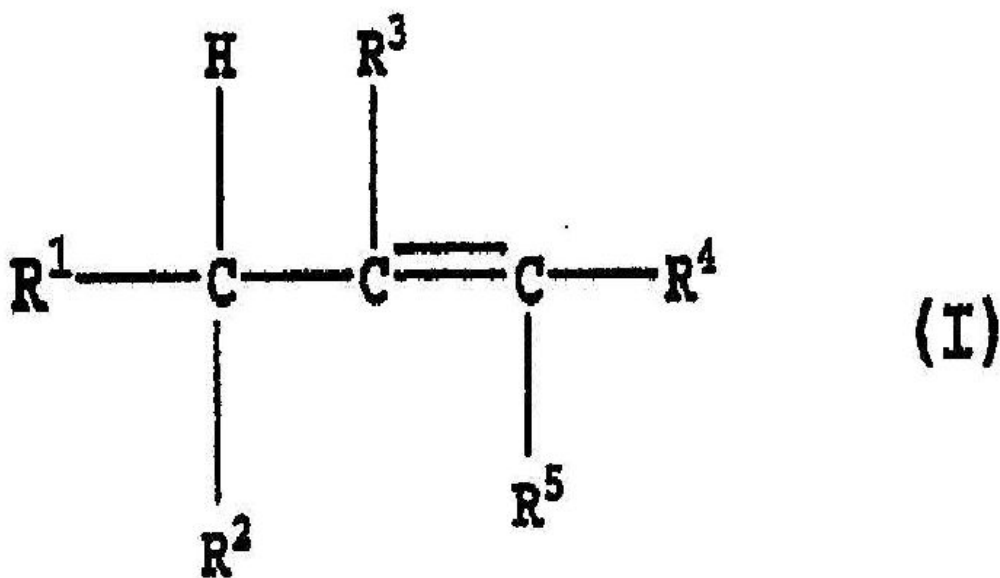
(54) Title of the invention : PROCESS FOR PRODUCING ALKYL BENZENE HYDROPEROXIDE

(51) International classification :C07C 407/00
(31) Priority Document No :2007-284855
(32) Priority Date :01/11/2007
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2008/069993
Filing Date :28/10/2008
(87) International Publication No :WO 2009/057798
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SUMITOMO CHEMICAL COMPANY, LIMITED
Address of Applicant :27-1, SHINKAWA 2-CHOME, CHUO-KU, TOKYO, JAPAN
(72)Name of Inventor :
1)MASAYUKI YOSHII

(57) Abstract :

A process for producing an alkylbenzene hydroperoxide from an alkylbenzene solution containing 0.01 to 10 mmol/kg of phenols by subjecting the solution to oxidation with an oxygen-containing gas, including allowing a compound represented by formula (I) to be present in the alkylbenzene solution: wherein R¹, R², R³, R⁴ and R⁵ independently represent a hydrogen atom, an alkyl group or an aryl group and may combine with each other to form a non-aromatic ring, the molar ratio of the compound represented by formula (I) to the phenols in the alkylbenzene solution being 0.4 mol/mol or higher; is advantageous in providing economical and high-yield production of an alkylbenzene hydroperoxide.



No. of Pages : 15 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3039/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PROGRESSIVE READING AND INTERMEDIATE DISTANCE LENS DEFINED BY EMPLOYMENT OF A ZERNIKE EXPANSION

(51) International classification	:G02C 7/06
(31) Priority Document No	:61/000,941
(32) Priority Date	:30/10/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/012286
Filing Date	:30/10/2008
(87) International Publication No	:WO 2009/058310
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VISIONWARE LLC
Address of Applicant :50 BLACK ROCK TURNPIKE,
REDDING, CONNECTICUT 06876, U.S.A.
(72)**Name of Inventor :**
1)JOHN D. LYTLE

(57) Abstract :

There is provided a lens that includes a corridor having a width greater than or equal to about 6 millimeters. The lens has astigmatism less than or equal to about 0.5 diopter within the corridor. There is also provided an item of eyewear that includes such a lens, and a method for representing a surface of an ophthalmic lens.

No. of Pages : 42 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3040/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : USES OF A GLYCOPROTEIN VI (GPVI) INHIBITOR

(51) International classification	:C12N 5/06
(31) Priority Document No	:60/984,334
(32) Priority Date	:31/10/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/012311
Filing Date	:29/10/2008
(87) International Publication No	:WO 2009/058326
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)OTSUKA PHARMACEUTICAL CO., LTD.,

Address of Applicant :9, KANDA-TSUKASAMACHI 2-CHOME, CHIYODA-KU, TOKYO 101-8535, JAPAN,

(72)Name of Inventor :

1)YONGGE LIU

2)NARENDRA N. TANDON

3)HISAO TAKIZAWA

4)JUNICHI KAMBAYASHI

(57) Abstract :

The present invention describes a method for reducing reperfusion injury and/or infarction by using an inhibitor of platelet GPVI. This method may be used to treat patients during or after a heart attack or elective cardiac surgery.

No. of Pages : 31 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3041/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : NONSTEROIDAL COMPOUNDS USEFUL AS MODULATORS OF GLUCOCORTICOID RECEPTOR AP-1 AND/OR NF-KB ACTIVITY AND USE THEREOF

(51) International classification	:A61K12/00
(31) Priority Document No	:60/984, 515
(32) Priority Date	:01/11/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/081702
Filing Date	:30/10/2008
(87) International Publication No	:WO 2009/058944
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BRISTOL-MYERS SQUIBB COMPANY
Address of Applicant :ROUTE 206 AND PROVINCE LINE ROAD, PRINCETON, NEW JERSEY 08543, U.S.A.
(72)**Name of Inventor :**
1)MURALI T.G. DHAR
2)HAI-YUN XIAO

(57) Abstract :

Disclosed are compounds of Formula (I): wherein: one of A and D is -N- and the other of A and D is -C-; or enantiomers, diastereomers, or pharmaceutically-acceptable salts thereof. Also disclosed are methods of using such compounds to modulate the function of glucocorticoid receptor activity and pharmaceutical compositions comprising such compounds.

No. of Pages : 128 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3042/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : LED LIGHT OUTPUT LINEARIZATION

(51) International classification :H05B 33/08

(31) Priority Document No :11/937,551

(32) Priority Date :09/11/2007

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

(86) International Application No :PCT/US2008/082768

Filing Date :07/11/2008

(87) International Publication No :WO 2009/062015

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)THE COCA-COLA COMPANY

Address of Applicant :ONE COCA-COLA PLAZA, NW,
ATLANTA, GA 30313, U.S.A.

(72)Name of Inventor :

1)GUY A. PRIMIANO

(57) Abstract :

A system and method for producing a flattened characteristic for LED luminous output. The system may include an array containing one or more light emitted diodes, a power source connected to the LED array providing drive current to the LED array, a timer connected to a controller wherein the timer logs the on-time of the LED array and communicates the LED array on-time to the controller, and a controller connected to the power source wherein the controller adjusts the intensity of the drive current provided to the LED array based on the on-time data received from the timer such that the resultant relative luminous output is approximately equal to the initial relative luminous output.

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

(54) Title of the invention : PYRAZOLE DERIVATIVES AS 5-LO INHIBITORS

(51) International classification :C07D 405/12
 (31) Priority Document No :61/004,261
 (32) Priority Date :26/11/2007
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/IB2008/054873
 Filing Date :20/11/2008
 (87) International Publication No :WO 2009/069044
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)PFIZER INC

Address of Applicant :235 EAST 42ND STREET, NEW YORK, NEW YORK 10017, U.S.A..

(72)Name of Inventor :

1)EDGARDO ALVIRA

2)MATTHEW J. GRANETO

3)MARGARET LANAHAN GRAPPERHAUS

4)TODD MICHAEL MADDUX

5)MATTHEW WILLIAM MAHONEY

6)MARK ALAN MASSA

7)KIRBY RAY SAMPLE

8)MICHELLE ANN SCHMIDT

9)RONALD EDWARD SEIDEL

10)JON GORDON SELBO

11)MICHAEL BRENT TOLLEFSON

12)EMBSE VONDER

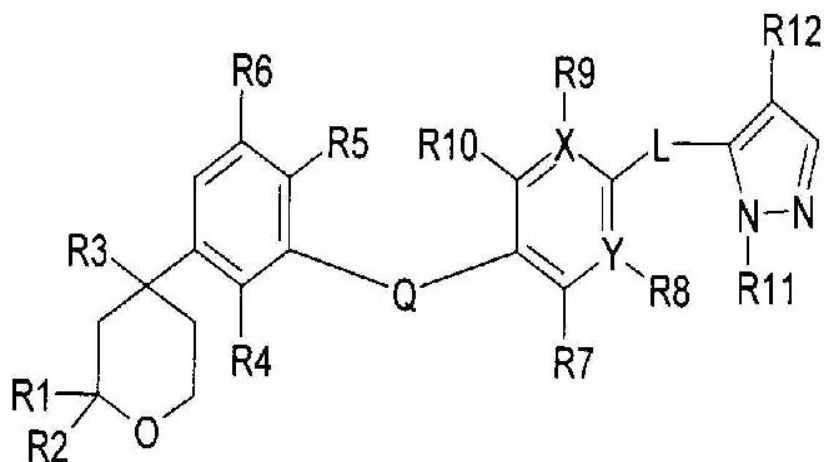
13)GRACE MARY WAGNER

14)SCOTT SANTFORD WOODARD

15)KALIAPPAN IYANAR

(57) Abstract :

The invention relates to compounds of formula (I) processes for their preparation, their use as 5-lipoxygenase inhibitors and pharmaceutical compositions containing the same.



(I)

No. of Pages : 184 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3044/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : SEPARATING OLEFIN STREAMS

(51) International classification	:C07C 7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2007/021123
Filing Date	:01/10/2007
(87) International Publication No	:WO 2009/045186
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LUMMUS TECHNOLOGY INC.
Address of Applicant :1515 BROAD STREET,
BLOOMFIELD, NEW JERSEY 07003-3096, U.S.A. **2)EXXON**
MOBIL CHEMICAL COMPANY
(72)**Name of Inventor :**
1)DAVID RITCHIE LUMGAIR
2)MICHAEL PETER NICOLETTI
3)RAM MALLIK
4)WADIE MALATY
5)MALCOLM PETTIGREW

(57) Abstract :

This invention pertains to separating an olefin stream into at least two olefin streams. The olefin stream that is to be separated is low in diene composition, which allows the olefin stream to be compressed at a relatively high temperature without causing fouling problems in the compressor system. The invention is particularly relevant to separating olefins obtained from an oxygen to olefins unit.

No. of Pages : 28 No. of Claims : 25

(54) Title of the invention : MULTI-SECTIONAL ROLLER MILL

(51) International classification :B02C 15/08
 (31) Priority Document No :0719426.9
 (32) Priority Date :05/10/2007
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2008/050058
 Filing Date :29/01/2008
 (87) International Publication No :WO 2009/044179
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

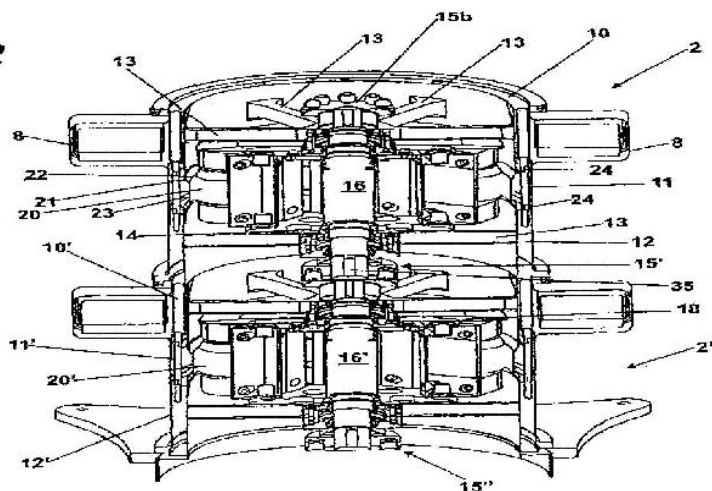
(71)Name of Applicant :
1)INTERNATIONAL INNOVATIVE TECHNOLOGIES LIMITED

Address of Applicant :NEILSON ROAD, GATESHEAD, TYNE AND WEAR NE 10 0EW, GREAT BRITAIN U.K.

(72)Name of Inventor :
1)GRAHAM DIXON
2)THOMAS WILKINSON

(57) Abstract :

A multi-sectional roller mill comprises at least two mill sections (2, 2) each including a plurality of rollers (20, 20), wherein each mill section includes a- drive shaft (16, 16) and male and female parts of a coupling element (15) attached to respective ends of said drive shaft for rotation therewith, and wherein the said coupling element provides for rotation between said male and female parts of drive shafts of adjacent mill sections.

Fig. 2

No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3046/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR PREPARATION OF PARTICLES

(51) International classification	:B01J 2/04
(31) Priority Document No	:P200702724
(32) Priority Date	:17/10/2007
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2008/000643
Filing Date	:16/10/2008
(87) International Publication No	:WO 2009/050315
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ACTIVERY BIOTECH, SL

Address of Applicant :AVDA. CARLOS III, 36, 1A DCHA,
31003 PAMPLONA NAVARRA, SPAIN

(72)Name of Inventor :

1)ANDREAS KORDIKOWSKI

2)CRISTINA SAEZ MUNOZ

(57) Abstract :

The present invention relates to a new method for preparing micron-sized particles which comprises introducing in the particle formation vessel a solute solution in a solvent and a compressed fluid under supercritical conditions, wherein the vessel in which the particles are formed is at a pressure comprised between atmospheric pressure and 15 bar. The particles obtained present a small size, a limited size distribution, and low agglomeration. Particles with suitable fluidity can furthermore be prepared from products, for example, pharmaceutical active ingredients and/or excipients, with a low glass transition temperature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3047/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : ANTIBODIES WHICH BIND SELECTIVELY TO HAIR OF ANIMALS AND AN ANTIBODY BASED DRUG DELIVERY SYSTEM FOR ANIMALS

(51) International classification	:C07K 16/18
(31) Priority Document No	:07021396.2
(32) Priority Date	:02/11/2007
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2008/009110
Filing Date	:29/10/2008
(87) International Publication No	:WO 2009/056280
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BAYER SCHERING PHARMA
AKTIENGESELLSCHAFT
Address of Applicant :MULLERSTRASSE 178, 13353
BERLIN, GERMANY
(72)**Name of Inventor :**
1)STEFAN HOFMANN
2)HANS-JUERGEN HAMANN
3)RAINER FISCHER
4)STEFAN SCHILLBERG
5)SIMON OLIVER VOGEL
6)HELGA SCHINKEL

(57) Abstract :

The present invention provides antibodies which bind selectively to hair of animals and an antibody based drug delivery system in which a particular formulation can be directed to animal hair. This is driven by the need of increasing the effective period of therapeutics for animal ectoparasites treatment, reducing the toxicity of these drugs and improving their release profile

No. of Pages : 39 No. of Claims : 13

(54) Title of the invention : ROTARY ELECTRIC MACHINE FOR AUTOMOBILE

(51) International classification :H02K 3/48
 (31) Priority Document No :0758998
 (32) Priority Date :13/11/2007
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2008/052036
 Filing Date :13/11/2008
 (87) International Publication No :WO 2009/068814
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)VALEO EQUIPEMENTS ELECTRIQUES MOTEURAddress of Applicant :2 RUE ANDRE BOULLE, F-94046
CRETEIL CEDEX, FRANCE

(72)Name of Inventor :

1)ERIC TORA**2)JACQUES VEROT****3)ERIC VERNAY**

(57) Abstract :

The invention relates to a rotary electric machine, in particular a starter for an automobile, that comprises a stator, a rotor (2) arranged so as to be capable of rotation in the stator about a longitudinal axis, at least one winding (8) including conducting segments (11), and a plurality of notches (40) formed on one of the stator and the rotor (2), extending substantially along the longitudinal axis and each having a bottom (41), wherein one at least of said notches (40) receives at least one conducting segment of the winding (8). Said at least one conducting segment (11) bears against the notch bottom (41) and has a crush deformation that is sufficient for maintaining the same in the notch (40) during a nominal operation of the rotary electric machine.

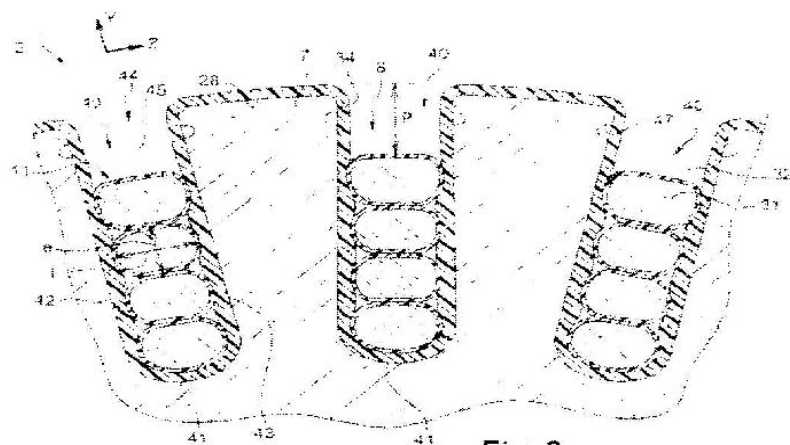


Fig. 3

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

(54) Title of the invention : VARIABLE ANGLE LOCKED BONE PLATE

(51) International classification :A61B 17/80
 (31) Priority Document No :60/084,281
 (32) Priority Date :29/07/2008
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2008/081739
 Filing Date :30/10/2008
 (87) International Publication No :WO 2009/058969
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SYNTHES GMBH

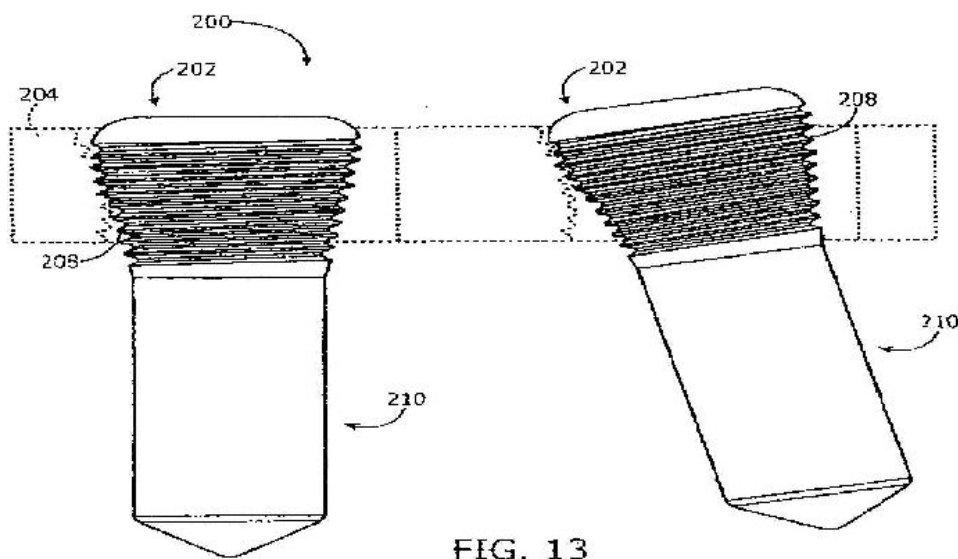
Address of Applicant :E IMATTSTRASSE 3, CH-4436, OBERDORF, SWITZERLAND

(72)Name of Inventor :

1)ALBERTO A. FERNANDEZ DELL'OCA**2)JASON S. CHAN****3)NA**

(57) Abstract :

A plate for fixation to a target portion of bone to be treated, comprises a first Fixation element receiving opening extending therethrough from a proximal surface to a distal surface, the first fixation element receiving opening including a plurality of columns distributed about a circumference thereof and a plurality of radially expanded sections separating adjacent ones of the columns from one another in combination with a plurality of projections formed on the columns, the projections extending from surfaces of the columns, shapes of the surfaces of the columns on which the projections are formed being selected so that, when engaged by a head of a bone fixation element, the projections engage a thread of a head of the bone fixation element to lock the bone fixation element in the first fixation element receiving opening at any user selected angle within a permitted range of angulation.

**FIG. 13**

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3050/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR CONTROLLING BIMODAL CATALYST ACTIVITY DURING POLYMERIZATION

(51) International classification :C08F 10/00

(31) Priority Document No :61/008,009

(32) Priority Date :18/12/2007

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

(86) International Application No :PCT/US2008/013792

Filing Date :17/12/2008

(87) International Publication No :WO 2009/082451

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)UNIVATION TECHNOLOGIES, LLC

Address of Applicant :5555 SAN FELIPE, SUITE 1950,
HOUSTON, TX 77056, U.S.A.

(72)Name of Inventor :

1)MARK W. BLOOD

2)BRUCE J. SAVATSKY

3)JOHN H. OSKAM

4)MARK B. DAVIS

5)DOUGLAS H. JACKSON

6)TIMOTHY R. LYNN

7)DANIEL R. ZILKER

(57) Abstract :

A method of performing a polymerization reaction in a gas phase polymerization reactor to produce a bimodal polymer while controlling activity of a bimodal polymerization catalyst composition in the reactor by controlling concentration of at least one induced condensing agent (ICA) in the reactor is provided. In some embodiments, the ICA is isopentane (or another hydrocarbon compound) and the bimodal catalyst composition includes a Group 15 and metal containing catalyst compound (or other HMW catalyst for catalyzing polymerization of a high molecular weight fraction of the product), and a metallocene catalyst compound (or other LMW catalyst for catalyzing polymerization of a low molecular weight fraction of the product).

No. of Pages : 87 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3051/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : A NOVEL ALPHA-(N-SULFONAMIDO)ACETAMIDE COMPOUND AS AN INHIBITOR OF BETA AMYLOID PEPTIDE PRODUCTION

(51) International classification	:C07D 271/06
(31) Priority Document No	:60/984,118
(32) Priority Date	:31/10/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US08/079798
Filing Date	:14/10/2008
(87) International Publication No	:WO 2009/058552
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BRISTOL-MYERS SQUIBB COMPANY

Address of Applicant :P.O. BOX 4000, ROUTE 206 AND
PROVINCE LINE ROAD, PRINCETON, NEW JERSEY 08543-
4000,USA.

(72)Name of Inventor :

1)JOHN E. STARRETT, JR.

2)KEVIN W.GILLMAN

3)RICHARD E.OLSON

(57) Abstract :

The present invention provides a novel alphu-(N-sulfonamido)acctamide compound, its pharmaceutical composition, processes thereof and a method for the treatment of Alzheimers disease and other conditions associated with - amyloid peptide.

No. of Pages : 65 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3052/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : MANUFACTURING OF QUICK RELEASE PHARMACEUTICAL COMPOSITIONS OF WATER INSOLUBLE DRUGS AND PHARMACEUTICAL COMPOSITIONS OBTAINED BY THE PROCESS OF THE INVENTION

(51) International classification	:A61K36/00
(31) Priority Document No	:PA 2004 01021
(32) Priority Date	:29/06/2004
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2005/000435
Filing Date	:28/06/2005
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:7820/DELNP/2006
Filed on	:22/12/2006

(71)Name of Applicant :

1)NYCOMED DANMARK APS

Address of Applicant :LANGEBJERG 1, DK-4000
ROSKILDE, DENMARK

(72)Name of Inventor :

1)POUL BERTELSEN

(57) Abstract :

A process for manufacturing an oral dosage form having a fast dissolution of the active drug substance in gastric fluid; said process comprising the steps of: a) providing an active drug substance, which has a solubility at room temperature of less than 0.1% w/v in 0.1 N hydrochloric acid or has a pKa value of less than 5.5; and b) providing one or more alkaline substance(s); c) mixing said active drug substance and said alkaline substance and optionally one or more excipients by co-milling without adding a liquid, and optionally; d) admixing one or more pharmaceutically acceptable excipients and optionally; e) compressing said mixture c) or d) into a tablet.

No. of Pages : 50 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3053/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : CATENATE FOR IMMUNOSTIMULATION

(51) International classification	:C12N 15/11
(31) Priority Document No	:07075967.5
(32) Priority Date	:07/11/2007
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2008/009618
Filing Date	:07/11/2008
(87) International Publication No	:WO 2009/059805
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MOLOGEN AG

Address of Applicant :FABECKSTRASSE 30, 14195, BERLIN, GERMANY

(72)Name of Inventor :

1)SCHROFF, MATTHIAS

2)WITTIG, BURGHARDT

3)SCHMIDT, MANUEL

4)LOHR, JANINE

5)KLEUSS, CHRISTIANE

(57) Abstract :

The invention relates to a multimeric, non-coding nucleic acid molecule for modulating the activity of the human or animal immune system, and to a production method therefor, and to a vaccine containing said multimeric, non-coding nucleic acid molecule. Said multimeric, non-coding nucleic acid molecules can be non-coding nucleic acid molecules that consist of at least two of said molecules (dimer) or assemblies of several non-coding nucleic acid molecules.

No. of Pages : 40 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3054/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

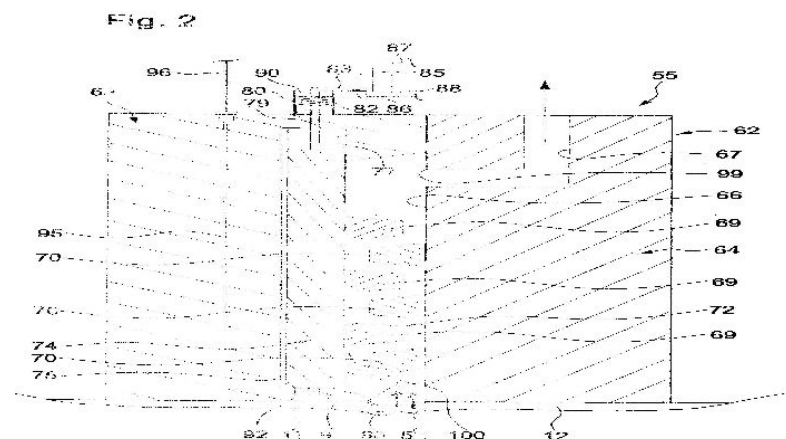
(54) Title of the invention : VENTING UNIT FOR A DIE CASTING DEVICE

(51) International classification :B22D 17/14
(31) Priority Document No :10 2007 054 520.9
(32) Priority Date :06/11/2007
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2008/006180
Filing Date :26/07/2008
(87) International Publication No :WO 2009/059650
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
**1)ELECTRONICS GMBH VERTRIEB
ELEKTRONISCHER GERATE**
Address of Applicant :KIRCHSTRASSE 53, 73765
NEUHAUSEN GERMANY
(72)Name of Inventor :
1)GAUERMANN, JORG

(57) Abstract :

The invention relates to a venting unit for a die casting device which has a mold cavity that is adapted to be filled with liquid casting material and a gas suction device that is connected to the mold cavity for extracting gas from the mold cavity by suction, the venting unit comprising a flow labyrinth, the inlet of which is adapted to be connected to the mold cavity and the outlet of which is adapted to be connected to the gas suction device. In order to develop the venting unit in such a way that it makes improved evacuation of the mold cavity possible without the risk that liquid casting material can escape from the venting unit, it is proposed according to the invention that the flow cross-section of the flow labyrinth is variable. Furthermore, a die casting device with a Venting unit of this kind is proposed.



No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3055/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : MODULAR POINT-OF-CARE DEVICES, SYSTEMS, AND USES THEREOF

(51) International classification	:G01N 33/48
(31) Priority Document No	:60/997,460
(32) Priority Date	:02/10/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/078636
Filing Date	:02/10/2008
(87) International Publication No	:WO 2009/046227
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THERANOS, INC.

Address of Applicant :3200 HILLVIEW AVE., PALO ALTO, CA 94304, U.S.A

(72)Name of Inventor :

1)TAMMY BURD

2)IAN GIBBONS

3)ELIZABETH A. HOLMES

4)GARY FRENZEL

5)ANTHONY JOSEPH NUGENT

(57) Abstract :

The present invention provides devices and systems for use at the point of care. The methods devices of the invention are directed toward automatic detection of analytes in a bodily fluid. The components of the device are modular to allow for flexibility and robustness of use with the disclosed methods for a variety of medical applications.

No. of Pages : 77 No. of Claims : 78

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3056/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : A CERAMIC FILTER COMPRISING A CARBON COATING AND A METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C04B 38/00	(71)Name of Applicant :
(31) Priority Document No	:200710162723.1	1)JINAN SHENGQUAN GROUP SHARE-HOLDING CO, LTD.
(32) Priority Date	:08/10/2007	Address of Applicant :DIAOZHEN INDUSTRIAL
(33) Name of priority country	:China	DEVELOPMENT ZONE, ZHANGQIU, JINAN, SHANDONG
(86) International Application No	:PCT/CN2008/000195	250204, CHINA
Filing Date	:28/01/2008	(72)Name of Inventor :
(87) International Publication No	:WO 2009/046609	1)ZHU, JIANXUN
(61) Patent of Addition to Application Number	:NA	2)LIU, JINGHAO
Filing Date	:NA	3)SHEN, SHULI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a ceramic filter suitable for filtering molten metal, wherein said filter comprises a carbon coating and refractory materials bonded by ceramic binders, and said carbon coating is coated on the refractory materials which are bonded by ceramic binders. Furthermore, the present invention relates to the method for manufacturing said filter. The filter of the present invention has very high mechanical strength and stable quality, the preparation of which is more economic.

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

(54) Title of the invention : EXPANSION VALVE

(51) International classification :F25B 41/06
 (31) Priority Document No :PA 2007 01606
 (32) Priority Date :13/11/2007
 (33) Name of priority country :Denmark
 (86) International Application No :PCT/DK2008/000402
 Filing Date :12/11/2008
 (87) International Publication No :WO 2009/62511
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)DANFOSS A/S

Address of Applicant :DK, 6430, NORDBORG, DENMARK

(72)Name of Inventor :

1)VESTERGAARD, ANDERS**2)SPANGBERG, JAKOB****3)THOMSEN, BENJAMIN****4)NIELSEN, KIRSTEN BLADT**

(57) Abstract :

A thermal expansion valve (1) for a refrigeration system comprises a working element (9) with a diaphragm (15) clamped between a cover plate (12) and a cover ring (10). The diaphragm is a multiple-diaphragm comprising two or more individual diaphragms (16, 17). This makes the multiple-diaphragm more flexible than a single diaphragms and increases the lifetime of the diaphragm. The individual diaphragms are separated by an anti-friction layer to protect against tear, the anti-friction layer can be grease or oil placed between the individual diaphragms or it can be a layer of coating on the diaphragms.

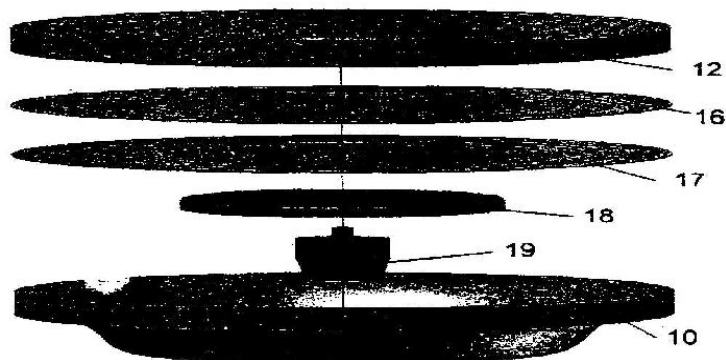


Fig. 3

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3058/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : AN ACTUATOR SYSTEM

(51) International classification	:H01R 13/639
(31) Priority Document No	:PA 2007 01612
(32) Priority Date	:13/11/2007
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2008/000405
Filing Date	:13/11/2008
(87) International Publication No	:WO 2009/062514
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LINAK A/S

Address of Applicant :SMEDEV†NGET 8, GUDERUP, DK-6430 NORDBORG, DENMARK

(72)Name of Inventor :

1)KNUDSEN, MARTIN, KAHR

2)STRESEN, RENE

3)LORENZEN, ANDERS, B.

(57) Abstract :

An actuator system comprising a housing (2, 19) having at least one socket (6) for the insertion of an electrical plug (7). The housing (2, 19) is provided with an arrangement which is capable of retaining an electrical plug, preferably of the Jack, DIN or Minifit type, inserted into said socket, said arrangement comprising a union nut (8) which may be retained in a position above the opening of the socket (6), and which at the same time surrounds the plug (7), said union nut (8) being ro-tatable between an inoperative position in which the plug (7) may freely be inserted and removed, and another position which is a locked position, in which the plug (7) cannot be inserted and, if it is already inserted, cannot be removed.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3059/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR THE PREPARATION OF MONTELUKAST ACID IN IONIC LIQUID MEDIUM

(51) International classification :C07D 215/18
(31) Priority Document No :10-2007-0101486
(32) Priority Date :09/10/2007
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2008/005794
Filing Date :01/10/2008
(87) International Publication No :WO 2009/048236
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)HANMI PHARM. CO., LTD.

Address of Applicant :#893-5, HAJEO-RI, PALTAN-MYEON, HWASEONG-SI, GYEONGGI-DO 445-910, KOREA;

(72)Name of Inventor :

1)PARK, CHUL-HYUN

2)PARK, EUN-JU

3)KIM, CHOONG-HAHN

4)JANG, SUK MAN

5)LIM, EUN JUNG

6)CHANG, YOUNG KIL

7)LEE, GWAN SUN

8)LEE, JAEHEON

(57) Abstract :

The present invention relates to a method for preparing Montelukast acid or its sodium salt by reacting a thiol compound with a Montelukast intermediate in the presence of a base in a medium comprising an ionic liquid compound. In accordance with the inventive method, highly pure Montelukast acid or its sodium salt, which is advantageously used as a raw material in the preparation of Montelukast, a leukotriene antagonist, can be easily prepared in a high yield.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3060/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :30/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : ENERGY STORAGE

(51) International classification	:F01K 3/06
(31) Priority Document No	:0719259.4
(32) Priority Date	:03/10/2007
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2008/003336
Filing Date	:03/10/2008
(87) International Publication No	:WO 2009/044139
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ISENTROPIC LIMITED

Address of Applicant :10 JESUS LANE, CAMBRIDGE CB5 8BA, GB U.K.

(72)Name of Inventor :

1)MACNAGHTEN, JAMES.

2)HOWES, JONATHAN, SEBASTIAN.

(57) Abstract :

Apparatus (10) for storing energy, comprising: compression chamber means (24) for receiving a gas; compression piston means (25) for compressing gas contained in the compression chamber means; first heat storage means (50) for receiving and storing thermal energy from gas compressed by compression piston means; expansion chamber means (28) for receiving gas after exposure to the first heat storage means; expansion piston means (29) for expanding gas received in the expansion chamber means; and second heat storage means (60) for transferring thermal energy to gas expanded by the expansion piston means. The cycle used by apparatus (10) has two different stages that can be split into separate devices or combined into one device.

No. of Pages : 79 No. of Claims : 28

(54) Title of the invention : GENE-BASED ALGORITHMIC CANCER PROGNOSIS AND CLINICAL OUTCOME OF A PATIENT

(51) International classification	:C12Q 1/68	(71)Name of Applicant :
(31) Priority Document No	:US 11/929,043	1)UNIVERSITE LIBRE DE BRUXELLES
(32) Priority Date	:30/10/2007	Address of Applicant :AVENUE FRANKLIN ROOSEVELT
(33) Name of priority country	:U.S.A.	50 CP 161, B-1050 BRUSSELS, BELGIUM
(86) International Application No	:PCT/EP2008/054620	(72)Name of Inventor :
Filing Date	:16/04/2008	1)SOTIRIOU, CHRISTOS
(87) International Publication No	:WO 2009/056366	2)DURBECQ, VIRGINIE
(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 gene set which are unexpectedly sufficient for performing a gene expression analysis to obtain an efficient prognosis and diagnosis of cancer, especially breast cancer, and to diagnostic kit or device comprising such gene set, possibly including means for real time PCR analysis of a tumor sample, and to a method and tools for prognosis determination in tumor samples. Figure 1

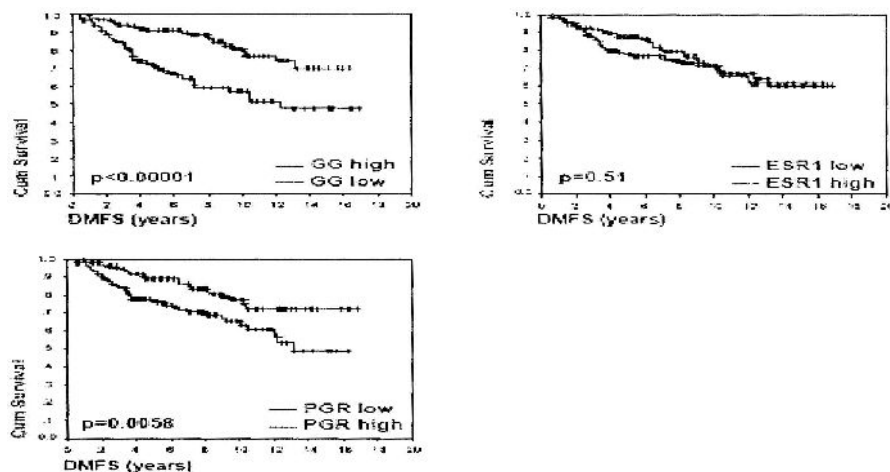


Fig. 1

No. of Pages : 39 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.765/DEL/1997 A

(19) INDIA

(22) Date of filing of Application :26/03/1997

(43) Publication Date : 07/01/2011

(54) Title of the invention : PREPARATION OF MICROBIAL POLYUNSATURATED FATTY ACID CONTAINING OIL FROM PASTEURISED BIOMASS

(51) International classification	:C12P 7/64	(71)Name of Applicant :
(31) Priority Document No	:96200835.5	1)GIST-BROCADES B.V.,
(32) Priority Date	:28/03/1996	Address of Applicant :WATERNGSEWEG 1,PO BOX 1,2600
(33) Name of priority country	:EPO	MA DELFT,THE NETHERLANDS
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NA
(87) 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 microbial polyunsaturated fatty acid(PUFA)-containing oil with a high triglyceride content and a high oxidative stability. In addition, a method is described for the recovery of such oil from a microbial biomass derived from a pasteurised fermentation broth, wherein the microbial biomass is subjected to extrusion to form granular particles, dried and the oil then extracted from the dried granules using an appropriate solvent.

No. of Pages : 56 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.755/DEL/1997 A

(19) INDIA

(22) Date of filing of Application :26/03/1997

(43) Publication Date : 07/01/2011

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A GRANULAR MICROBIAL BIOMASS AND ISOLATION OF VALUABLE COMPOUND THEREFORM

(51) International classification	:C08J 3/00
(31) Priority Document No	:96200837.1
(32) Priority Date	:28/03/1996
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GIST-BROCADES B.V.,
Address of Applicant :WATERINGSEWEG 1, PO BOX 1,
2600 MA DELFT, THE NETHERLANDS
(72)**Name of Inventor :**
1)HENDRIK LOUIS BIJL
2)ALBERT SCHAAP
3)JOHANNES MARTINUS JACOBUS VISSER

(57) Abstract :

A process for the isolation of desired compound(s) from a microbial biomass is disclosed, wherein the microbial biomass (which, if necessary, is pretreated to give a dry matter content of from 25 to 80%) is granulated (e.g. by extrusion) and then dried to a dry matter content of at least 80%. The granulation of the biomass to granules significantly eases subsequent drying of the biomass (which can be stored as dried granules) and gives higher yields on extraction of the compound(s).

No. of Pages : 53 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/06/2010

(21) Application No.1211/MUMNP/2010 A

(43) Publication Date : 07/01/2011

(54) Title of the invention : CHROMANE DERIVATIVES AS TRPV3 MODULATORS

(51) International classification :C07D311/96
(31) Priority Document No :2481/MUM/2007
(32) Priority Date :18/12/2007
(33) Name of priority country :India
(86) International Application No :PCT/IN2008/000838
Filing Date :16/12/2008
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)GLENMARK PHARMACEUTICALS S. A.

Address of Applicant :CHEMIN DE LA COMBETA 5, 2300
LA CHAUX-DE-FONDS, SWITZERLAND

(72)Name of Inventor :

1)LINGAM V. S. PRASADA RAO

2)THOMAS ABRAHAM

3)GHARAT LAXMIKANT ATMARAM

4)UKIRDE DEEPAK VITTHAL

5)MINDHE AJIT SHANKAR

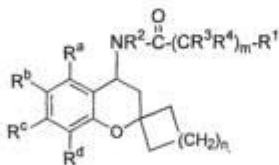
6)KHAIRATKAR-JOSHI NEELIMA

7)KATTIGE VIDYA GANAPATI

8)PHATANGARE, SHANTARAM KASHINATH

(57) Abstract :

The present invention provides transient receptor potential vanilloid (TRPV) modulators. In particular, compounds described herein are useful for treating or preventing diseases, conditions and/or disorders modulated by TRPV3. Also provided herein are processes for preparing compounds described herein, intermediates used in their synthesis, pharmaceutical compositions thereof, and methods for treating or preventing diseases, conditions and/or disorders modulated by TRPV3.



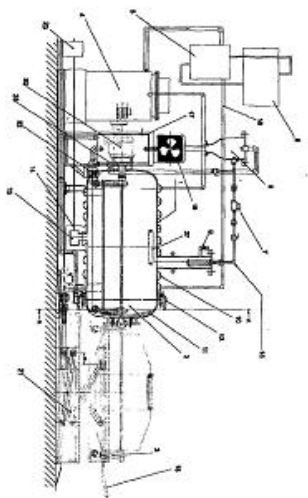
No. of Pages : 114 No. of Claims : 56

(54) Title of the invention : AUTOCLAVE WITH REMOVABLE ROTATING CANISTER

(51) International classification	:A23L3/00; A23L3/10; F16J12/00	(71)Name of Applicant : 1)ARISH MEHERNOOSH KHAJOTIA Address of Applicant :403, BHAKTAWAR, S. B. SINGH ROAD, COLABA, MUMBAI-400005. Maharashtra India 2)ZINNIA MEHERNOOSH KHAJOTIA
(31) Priority Document No	:NA	(72)Name of Inventor : 1)ARISH MEHERNOOSH KHAJOTIA 2)ZINNIA MEHERNOOSH KHAJOTIA
(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 :

Autoclave with removable rotary canister, comprising a sterilization chamber with a door, means for opening and hermetic sealing of the door on said sterilization chamber, a rotation device on said sterilization chamber, said door allowing entry of at least one removable rotary canister containing said infectious waste inside of said sterilization chamber, means for filling said sterilization chamber with steam of temperature of at least 121 deg. C and pressure of at least 1.0 Bar with hermetic sealing of said door, means for external heating of said sterilization chamber, characterized by rotation of said canister containing infectious waste in fully inside position in said sterilization chamber by said rotation device with steam filled inside said sterilization chamber.



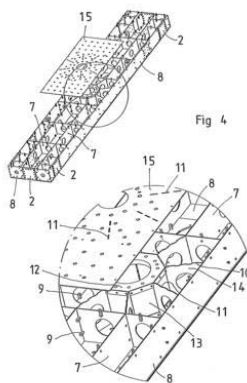
No. of Pages : 11 No. of Claims : 10

(54) Title of the invention : HOLDER

(51) International classification	:B23Q7/00,B23Q3/10	(71)Name of Applicant :
(31) Priority Document No	:0800110-9	1)FLEXPROP AB
(32) Priority Date	:17/01/2008	Address of Applicant :KILGRAEND 4, SE-302 40
(33) Name of priority country	:Sweden	HALMSTAD, SWEDEN
(86) International Application No	:PCT/SE2008/000721	(72)Name of Inventor :
Filing Date	:18/12/2008	1)STROEMBERG, KARL-OTTO
(87) International Publication No	:WO2009/091298A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A holder for positioning and positionally fixing a workpiece comprises at least one fixing plate (2, 3) for mounting a fixing device or apparatus for the workpiece or for securing the holder (1) on a robot. The holder (1) is composed from a number of inner, mutually interconnected planar and lamellar material pieces (7,13,14) and a number of outer, planar and lamellar material pieces (8) connected to one another and to the inner material pieces, and together defining a closed volume, the connections between the individual material pieces comprising mechanical coupling devices (9, 10, 11) and/or glue unions. A method of manufacturing the holder comprises the steps that the holder (1) is provided with at least one fixing plate (2, 3). The method further includes the steps that, starting from a lamellar, planar material, planar inner (7, 13, 14) and outer (8) material pieces are cut out, from which the holder (1) is assembled, the inner material pieces (7, 13,14) being interconnected to one another and enclosed by and interconnected to the outer material pieces (8) which are disposed so that they define a closed volume, and the connections between the material pieces being effected by mechanical coupling devices (9,10,11) and/or glue unions.



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

(54) Title of the invention : A BIODIESEL MANUFACTURING SYSTEM AND APPARATUS

(51) International classification :C10G3/00,B01F17/00,B01J19/00,
B01J8/00
(31) Priority Document No :2008900210
(32) Priority Date :16/01/2008
(33) Name of priority country :Australia
(86) International Application
No :PCT/AU2009/000051
Filing Date :16/01/2009
(87) International Publication
No :WO2009/089591A1
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :

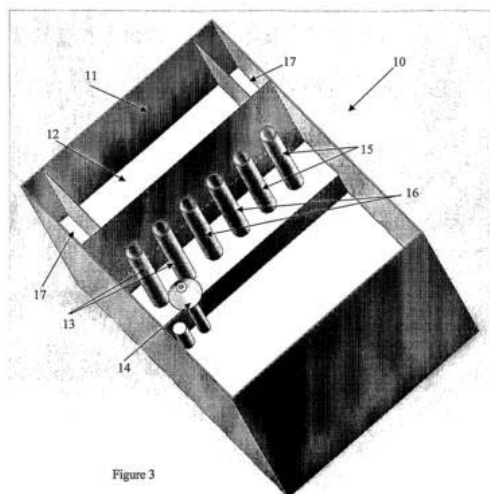
1)THE BIOFUEL PARTNERSHIP LIMITEDAddress of Applicant :UNIT 2, 6-8 ENTERPRISE STREET,
MOLENDINAR QLD 4214, AUSTRALIA.

(72)Name of Inventor :

1)KELLY, SANDY**2)BAUM, LAURENCE**

(57) Abstract :

A biodiesel manufacturing plant including a housing containing a power generation means, an oil expeller for mulching raw feedstock to extract raw oil from the feedstock, a mixer/reaction vessel in which the raw oil is mixed with a catalyst material and at least one separation means to separate methyl ester from other products. Figure 3 is the representative figure.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1567/MUM/2009 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : SYSTEM FOR OPTIMIZING PROFIT AND LOSS COMPUTATIONS FOR RISK MANAGEMENT IN STOCK EXCHANGES

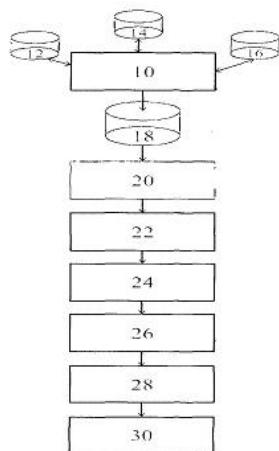
(51) International classification :G06Q40/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
NARIMAN POINT, MUMBAI-400021, MAHARASHTRA.
India

(72)**Name of Inventor :**
1)MANSHARAMANI RAJESH

(57) Abstract :

A computation system for computing instantaneous summation values to indicate a balance statement for a plurality of users owning a plurality of items having price attributes changing at discrete time intervals, said computation system comprising: - first calculation means adapted to calculate profit values in relation to said price attributes of said items for each user; second calculation means adapted to calculate net positions per item for each user; third calculation means adapted to calculate net transaction values for said plurality of items for each user; database bank means adapted to store items and their corresponding instantaneous attributes in a user-wise row arrangement of items and price attributes in an array according to pre-defined rules, said database bank means comprising: first database means adapted to store first calculated values for each of said users; second database means adapted to store second calculated values for each of said users; third database values adapted to store third calculated values for each of said users; transposition means adapted to transpose stored storage arrangement from user-wise row arrangement to item-wise row arrangement and its corresponding price attributes; and processing means adapted to compute profit values of said items from said transposed items and item attributes.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1766/MUMNP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : COMBINATIONS OF PHENYLPYRROLES AND PYRION COMPOUNDS

(51) International classification :A01N43/36,A01N43/40,A01P1/00,A01P3/00
(31) Priority Document No :08151095.0
(32) Priority Date :06/02/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2009/051295
Filing Date :05/02/2009
(87) International Publication No :WO2009/098245A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)JANSSEN PHARMACEUTICA NV
Address of Applicant :TURNHOUTSEWEG 30, 2340
BEERSE, BELGIUM
(72)Name of Inventor :
1)BOSSELAERS, JAN PIETER HENDRIK
2)BYLEMANS, DANY LEOPOLD JOZEF
3)KEMPEN, TONY MATHILDE JOZEF
4)LEITHOFF, HANS BERNHARD
5)THYS, AMBER PAULA MARCELLA
6)VAN DER FLAAS, MARK ARTHUR JOSEPHA

(57) Abstract :

The present invention relates to combinations of a phenylpyrrole, or a salt thereof, and a pyrion compound which provide an improved biocidal effect. More particularly, the present invention relates to compositions comprising a combination of a phenylpyrrole selected from fludioxonil, fenpiclonil or pyrrolnitrin, or a salt thereof, together with a pyrion compound selected from 1-hydroxy-2-pyridinone, ciclopirox, ciclopirox olamine, piroctone, piroctone olamine, rilopirox, pyrion disulfide, sodium, pyrithione and zinc pyrithione; in respective proportions to provide a synergistic biocidal effect. Compositions comprising these combinations are useful for the protection of any living or non-living material, such as crops, plants, fruits, seeds, objects made of wood, thatch or the like, engineering material, biodegradable material and textiles against deterioration due to the action of microorganisms such as bacteria, fungi, yeasts, algae, viruses, and the like.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1079/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :05/06/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : A METHOD FOR AN AUTOMATED AD POLICY CHECKING COMPONENT□

(51) International classification	:G06Q30/00
(31) Priority Document No	:-
(32) Priority Date	:-
(33) Name of priority country	:Argentina
(86) International Application No	:PCT/US2005/047154
Filing Date	:27/12/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1119/MUMNP/2007
Filed on	:26/07/2007

(71)Name of Applicant :

1)GOOGLE INC.

Address of Applicant :1600 Amphitheatre Park-way
Mountain View CA 94043 United States of America

(72)Name of Inventor :

1)BADROS Gregory Joseph

2)STETS Robert J.

3)ZHANG Lucy

(57) Abstract :

An advertisement for use with an online ad serving system may be automatically checked for compliance with one or more policies of the online ad serving system. If the advertisement is approved, then it is allowed by be served by the ad serving system. Follow up checks of the advertisement may be scheduled. One follow up check may be to test a landing page of the advertisement for compliance with policies. If the advertisement is not approved, hints for making the ad comply with one or more violated policies may be provided to an advertiser associated with the ad, and/or an ad serving system customer service representative. Determining whether or not to approve the advertisement may include determining violations of one or more policies by the advertisement, and, for each of the violations, determining whether or not to exempt the violation.

No. of Pages : 42 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1531/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :29/06/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING ETODOLAC AND THIOCOLCHICOSIDE.

(51) International classification	:A61K31/407; A61K31/485; A61K45/06	(71) Name of Applicant : 1)LYKA LABS LIMITED Address of Applicant :101, SHIVSHAKTI INDUSTRIAL ESTATE, ANDHERI-KURLA ROAD, ANDHERI (EAST), MUMBAI-400059, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)GANDHI NARENDRA ISHWARLAL
(33) Name of priority country	:NA	2)SAMANT RAJAN SHANTARAM
(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 invention disclosed herein is an oral pharmaceutical composition comprising combination of Etodolac and Thiocolchicoside; along with pharmaceutically acceptable excipients, and process for preparation thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1533/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :29/06/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR CONTROLLED FOOD FERMENTATIONS AND ENHANCING SHELF LIFE OF FERMENTED FOODS USING SELECTED STARTER BACTERIA

(51) International classification	:A23C9/123; A23C9/13; A23C9/12	(71)Name of Applicant : 1)SALUNKHE SUNGANDHA ARVIND Address of Applicant :RUTVIJ, PLOT NO. 6, ANJALI COLONY, GENDAMAL, CITY SURVEY NO. 327/1-B, SATARA-415002, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	2)PATHADE GIRISH RAJARAM
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)SALUNKHE SUNGANDHA ARVIND
(86) International Application No	:NA	2)PATHADE GIRISH RAJARAM
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 method controlling fermentation and enhancing shelf life of fermented food, specially paickles using starter bacteria mix comprising at least one bacteria selected from Enterococcus durans, Enterococcus casseli, flavus; .Lactobacillus plantarum; and Bacillus licheniformis

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1039/MUM/2008 A

(19) INDIA

(22) Date of filing of Application :14/05/2008

(43) Publication Date : 07/01/2011

(54) Title of the invention : FUEL SAVING DEVICE

(51) International classification	:H02K1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DEEPAK MALVIYA
(32) Priority Date	:NA	Address of Applicant :297-SECTOR-9-B, SAKET NAGER,
(33) Name of priority country	:NA	BHOPAL - 462024 Madhya Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DEEPAK MALVIYA
(87) 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 magnetic assembly is very useful for fuel efficiency in an I.C. Engine. By applying the proper method of use we can attain the required fuel efficiency and power.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2009

(21) Application No.1526/MUM/2009 A

(43) Publication Date : 07/01/2011

(54) Title of the invention : STABLE ORAL PHARMACEUTICAL COMPOSITION COMPRISING ATORVASATIN

(51) International classification	:A61K31/20; A61K31/4422; A61K33/06	(71)Name of Applicant : 1)ALKEM LABORATORIES LTD Address of Applicant :DEVASHISH, ALKEM HOUSE, SENAPATIL BAPAT MARG, LOWER PAREL, MUMBAI- 400013, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)MANOJ SENAPATI
(33) Name of priority country	:NA	2)MANAS RANJAN PRADHAN
(86) International Application No	:NA	3)SATHYANARAYANA VEMULA
Filing Date	:NA	4)ASHOK RAMPAL
(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 relates to a stable oral pharmaceutical composition comprising atorvastatin or its pharmaceutically acceptable salt and suitable alkali metal salt additives in an amount of more than 5 % w/w so as to prevent degradation of the atorvastatin or its pharmaceutically acceptable salt.

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1738/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/08/2010

(43) Publication Date : 07/01/2011

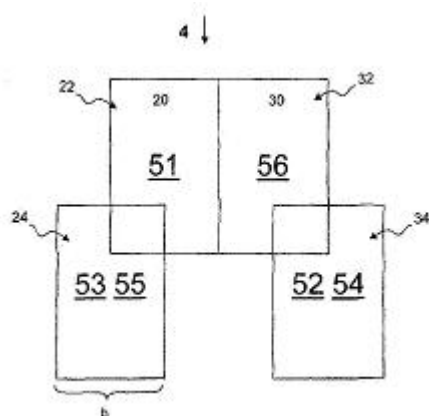
(54) Title of the invention : DEVICE AND METHOD FOR ANIMATING A GRAPHIC DIGITAL DOCUMENT

(51) International classification :G06F3/048
(31) Priority Document No :102008008730.0-53
(32) Priority Date :11/02/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2009/051411
Filing Date :06/02/2009
(87) International Publication No :WO2009/101033A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BOOKRIX GMBH & CO. KG
Address of Applicant :EINSTEINSTRABE 28, 81675
MUNCHEN, GERMANY
(72)Name of Inventor :
1)RACIC, ALEX

(57) Abstract :

The invention relates to a device for the automated animation of a sequence of computer graphics that form pages of a digital document, the memory for said device having a layout data set with opposing layout regions and foreground and background planes, to which computer graphics are assigned in a specific manner and the processing unit for said device being designed to reduce the display width of the second computer graphic in stages to provide the layout data set for the display, to assign the first computer graphic to the background plane of the first layout region, to assign a display width of approximately zero to the first computer graphic that is assigned to the foreground plane of the first layout region and to increase the display width of the third computer graphic in stages to provide the layout data set for the display. The invention also relates to an associated method, to a device and method for providing the layout data set for the display, to an assembly, a computer programme product and a data structure product for said animation. Ref. Fig.10



No. of Pages : 72 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1740/MUMNP/2010 A

(19) INDIA

(22) Date of filing of Application :16/08/2010

(43) Publication Date : 07/01/2011

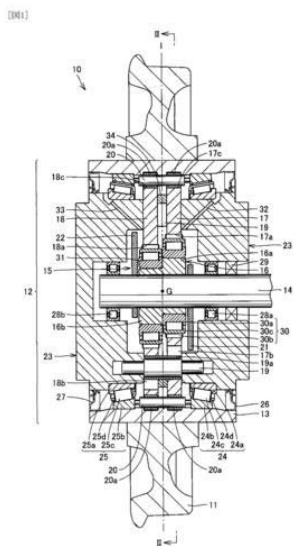
(54) Title of the invention : RAILWAY VEHICLE DRIVE UNIT

(51) International classification :B61C9/46,F16H1/32
(31) Priority Document No :2008-035939
(32) Priority Date :18/02/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/052678
Filing Date :17/02/2009
(87) International Publication No :WO2009/104593A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NTN CORPORATION
Address of Applicant :3-17 KYOMACHIBORI 1-CHOME,
NISHI-KU, OSAKA-SHI OSAKA 550-0003 JAPAN
(72)**Name of Inventor :**
1)MIKI, DAISUKE
2)KATAOKA, YUKIHIRO
3)ADACHI, TAKAYA
4)YAMADA, MASAHIRO
5)TAMADA, KENJI

(57) Abstract :

A railway vehicle drive unit (12) is a drive unit to rotatably drive a wheel of a railway vehicle. More specifically, it includes a reducer housing (13) held on an inner diameter surface of a wheel (11), and integrally rotating with the wheel (11), an input side rotation member (14) having eccentric parts (16a) and (16b), and connected to a drive source, revolution members (17) and (18) supported by the eccentric parts (17) and (18) in a relatively rotatable manner, to execute revolution motion around a rotation axis of the input side rotation member (14), a rotation regulation member (119) to prevent rotation motion of the revolution member, allowing the revolution motion thereof, and a periphery engagement member (20) fixed to the reducer housing (13), to rotate the reducer housing (13) at speed reduced with respect to the input side rotation member (14) by engaging with a periphery of the revolution members (17) and (18).



No. of Pages : 64 No. of Claims : 30

(54) Title of the invention : NAPHTHA PRODUCTIVE AROMATIC HYDROCARBON REFORMING SYSTEM AND METHOD THEREOF

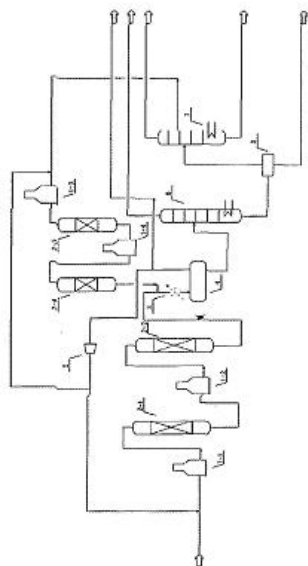
(51) International classification :C10G59/00
 (31) Priority Document No :200810114559.1
 (32) Priority Date :04/06/2008
 (33) Name of priority country :China
 (86) International Application No :PCT/CN2009/000619
 Filing Date :03/06/2009
 (87) International Publication No :WO2009/146604A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)BEIJING GRAND GOLDEN-BRIGHT ENGINEERING & TECHNOLOGIES CO., LTD
 Address of Applicant :B-1805, JINMA BUILDING, NO.38, XUEQING ROAD, HAIDIAN DISTRICT, BEIJING 100083, CHINA.

(72)Name of Inventor :
1)DING, RANFENG

(57) Abstract :

The invention discloses a catalytic reforming system and a method thereof. The system comprises a heating device and a reaction device and is characterized in that the reaction device is connected with a high-pressure separator; the high-pressure separator is connected with a stabilizer system; the lower part of the stabilizer system is connected with an extraction system through a pipeline; the extraction system is connected with a raffinate oil cutting system through the pipeline on one hand, the middle part of the raffinate oil cutting system is connected with another reaction device through the pipeline and the heating device; coal oil is directly recovered by the lower part of the raffinate oil cutting system through the pipeline; and the other end of the third reaction device is connected with the high-pressure separator through the pipeline. The catalytic reforming system and the method thereof have the advantages of high treatment capacity, liquid yield, aromatic hydrocarbon yield and hydrogen output. Figure 1 is the representative figure.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1073/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :16/04/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PHOTOVOLTAIC DEVICE AND MANUFACTURING METHOD THEREOF

(51) International classification	:H01L 31/00	(71) Name of Applicant : 1)KISCO
(31) Priority Document No	:10-2009- 0060742	Address of Applicant :SINCHON-DONG 70, CHANGWON- SI, GYEONGSANGNAM-DO Republic of Korea
(32) Priority Date	:03/07/2009	(72) Name of Inventor :
(33) Name of priority country	:Republic of Korea	1)MYONG, SEUNG-YEOP
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 :

Provided is a photovoltaic device. The photovoltaic device includes : a substrate; a first electrode disposed on the substrate; at least one photoelectric transformation layer disposed on the first electrode, the photoelectric transformation layer including a light absorbing layer; and a second electrode disposed on the photoelectric transformation layer; wherein the light absorbing layer includes a first sub-layer and a second sub-layer, each of which includes a hydrogenated amorphous silicon based material respectively; and wherein the first sub-layer and the second sub-layer include a non-silicon based element, and the second sub-layer includes a crystalline silicon grain surrounded by the hydrogenated amorphous silicon based element.

No. of Pages : 50 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1557/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :01/07/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD AND SYSTEM FOR TRANSMITTING BROADCAST PROGRAM STREAMS TO MULTIPLE DISPLAY DEVICES

(51) International classification

:H04N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Samsung Electronics Company

Address of Applicant :416 Maetan-Dong Yeongtong-GU

SUWON-SI Gyeonggi-do 442-742 Republic of Korea

(72)Name of Inventor :

1)Amit Sharma

(57) Abstract :

A method and electronic device for transmitting one or more broadcast program streams from a primary display device to one or more secondary display devices is provided. The method includes receiving a multiple program broadcast signal by the primary display device, identifying the one or more broadcast program streams in the multiple program broadcast signal by the primary display device, processing the one or more broadcast program streams by the primary display device and transmitting the one or more broadcast program streams from the primary display device to the one or more secondary display devices. The electronic device includes a communication interface in electronic communication with the one or more display devices, a tuner card that receives multiple program broadcast signal and identifies the one or more broadcast program streams in the multiple program broadcast signal by the primary display device and a processor for processing one or more operations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1561/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :01/07/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : AN AUXILIARY EQUIPMENT DRIVE SYSTEM

(51) International classification	:B60K 25/00	(71) Name of Applicant : 1)BAJAJ AUTO LIMITED Address of Applicant :NEW NO. 6, OLD NO. 157, II FLOOR, HABIBULLAH ROAD, T, NAGAR, CHENNAI - 600 017. Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ASHTEKAR SATISHKUMAR MADHUSUDAN
(87) International Publication No	: NA	2)KULKARNI SATISH MADHUKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An auxiliary equipment drive system (100) comprising: a prime mover engine (8); and an auxiliary equipment item (16) couplable to tine prime mover engine (8) through a drive means (30) co-operating with said auxiliary equipment item (16) such that the prime mover engine (8) is capable of driving said auxiliary equipment item (16) when coupled thereto through said drive means (30) wherein said drive means (30) is selectively operable such that said prime mover engine (8) only drives said auxiliary equipment item (16) when said drive means (30) is in - prime mover engine (8) driven state.

No. of Pages : 16 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :01/07/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : OPTICAL DISCS WITH UNIFORM APPEARANCE

(51) International classification	:G11B	(71)Name of Applicant :
(31) Priority Document No	7/00	1)MOSER BAER INDIA LATD
(32) Priority Date	:NA	Address of Applicant :NO.81 VALLUVARKOTTAM HIGH
(33) Name of priority country	:NA	ROAD, NUNGAMBAKKAM, CHENNAI - 600 034. Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)G.S. JUNEJA
(61) Patent of Addition to Application Number	:NA	2)RAJAGOPAL S. RAMAN
Filing Date	:NA	3)RAJEEV JINDAL
(62) Divisional to Application Number	:NA	4)ANIL BHARGAVA
Filing Date	:NA	

(57) Abstract :

An optical disc with uniform appearance, a method and system for manufacturing an optical disc, and a method and system for printing on an optical disc are provided. The optical disc includes a hub area formed between a first inner radius and a first outer radius, and a data area formed between a second inner radius and a second outer radius. The hub area and the data area include grooves and lands formed between a predetermined radius and the second outer radius. The predetermined radius lies at the first inner radius or between the first Inner radius and the first outer radius. This enables uniform appearance across an area between the predetermined radius and the second outer radius. 22

No. of Pages : 32 No. of Claims : 18

(54) Title of the invention : SELF ROTATING SRI MUTHUMALAI MAGNETIC 'V' ENGINES

(51) International classification	:H02N 6/00	(71)Name of Applicant : 1)M.VIJAYAN
(31) Priority Document No	:NA	Address of Applicant :S/O V.MUTHUMALAI NADAR, 1/51,
(32) Priority Date	:NA	MANJALNEER KAYAL, PAZHAYAKAYAL (POST),
(33) Name of priority country	:NA	TUTICORIN (DIST) PIN - 628 152 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)M.VIJAYAN
(87) 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 Self Rotating Sri Muthumalai Magnetic V Engine have number of pair of magnets arranged in V shape The force is directly proportional to the product of the magnetic strength of the magnets and inversely proportional to the distance between them it is also depending upon the angle between these two magnets. When we place the pemianent magnets alternatively in V shape having the orientation of acute edges at the centre and the opposite poles facing each other continuously. It is fonned like the spokes of a wheel rapidly outward originating from the centre. The open edges of the V shape magnets fbmied with a robust non magnetic brass like material to withstand the heavy attractive force between the opposite poles of the pennanent magnet, The control of the speed can be achieved by controlling the space between the acute edges by adjusting the spacers. This type of control on wheel is used to get required torque and speed. This wheel arrangement may be used for power generation and Industrial application and vehicles. The system has the driving force on the wheel itself Therefore proper speed control and brake system should be necessary. The V magnets are separated by spacers. This spacers are arranged in all 'V shape magnets and they can be activated sequentially one by one by programmed built in timers to yield rotating torque as the spacers and magnets are placed in the rotating part of a rotating wheel the driving force or accelerating force should be transmitted to the spacers by remote signals and the spacers should have sensors built within them and should have built in motor to activate them during rotation The timers and transmitters and sensors and actuators should be made as Integrated chips.

No. of Pages : 7 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/07/2009

(21) Application No.1581/CHE/2009 A

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD AND SYSTEM FOR REDUCING GLARE ON A SCREEN OF AN ELECTRONIC DEVICE

(51) International classification	:F21V	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung Electronics Company
(32) Priority Date	:NA	Address of Applicant :416 Maetan-Dong Yeongtong-GU
(33) Name of priority country	:NA	SUWON-SI Gyeonggi-do 442-742 Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Nishant Bugalia
(87) International Publication No	: NA	2)Nitin Sharma
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for reducing glare on a screen of an electronic device is provided. The method includes identifying one or more light sources causing glare on the screen. The method also includes suggesting one or more areas in a transparent liquid crystal display corresponding to the one or more light sources. The transparent liquid crystal display is placed in front of a lens of the electronic device. Further, the method includes receiving one or more signal indicative of selection of the one or more areas based on the suggesting. Further, the method includes increasing the opaqueness of the selected one or more areas in the transparent liquid crystal display. The opaqueness gradually decreases from the one or more areas to the peripheral of the transparent liquid crystal display. Furthermore, the method includes displaying a glare reduced image based on the increasing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4109/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :02/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD AND COMPOSITION FOR TREATING AN ALPHA ADRENOCEPTOR-MEDIATED CONDITION

(51) International classification	:A61K31/445
(31) Priority Document No	:61/013,375
(32) Priority Date	:13/12/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US08/086733
Filing Date	:13/12/2008
(87) International Publication No	:WO 2009/076663
	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)VANDA PHARMACEUTICALS, INC
Address of Applicant :9605 MEDICAL CENTER DRIVE-SUITE 300, ROCKVILLE, MARYLAND 20850. U.S.A.
(72)**Name of Inventor :**
1)POLYMERPOULOS, MIHAEL, H.
2)BAROLDI, PAOLO
3)WOLFGANG, CURT,D.

(57) Abstract :

Methods and compositions for the treatment of alpha-adrenoceptor mediated conditions.

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

(54) Title of the invention : METHOD FOR PRODUCING CYCLOPROPANE CARBOXYLIC ACID COMPOUND AND INTERMEDIATE THEREFOR

(51) International classification :C07C253/30
 (31) Priority Document No :2008-002988
 (32) Priority Date :10/01/2008
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP08/073901
 Filing Date :22/12/2008
 (87) International Publication No :WO 2009/087941
 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SUMITOMO CHEMICAL COMPANY, LIMITED

Address of Applicant :27-1, SHINKAWA 2-CHOME, CHUO-KU, TOKYO 104-8260. Japan

(72)Name of Inventor :

1)UEKAWA, TORU

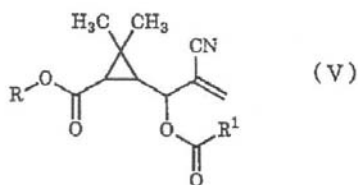
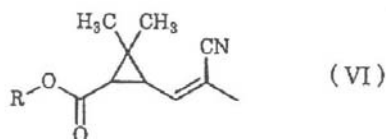
2)OHSHITA, JUN

3)YOSHIKAWA, KOUJI

4)KOMOTO,ICHIRO

(57) Abstract :

A method for producing a cyclopropanecarboxylic acid compound represented by formula (VI) (wherein R denotes the same as below), which comprising reacting a compound represented by formula (V) (wherein R denotes a chain hydrocarbon group having 1 to 10 carbon atoms or the like, and R1 denotes a chain hydrocarbon group having 1 to 10 carbon atoms optionally substituted with a halogen atom or the like) with an alkali metal borohydride compound in the presence of a solvent.



No. of Pages : 72 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1541/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :30/06/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : ASSOCIATING ATTRIBUTE INFORMATION WITH A FILE SYSTEM OBJECT

(51) International classification	:G06F 12/00 ; G06F 17/30	(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	(72) Name of Inventor :
(32) Priority Date	:NA	1)ANANTHA KEERTHI BANAVARA RAMASWAMY
(33) Name of priority country	:NA	2)ARUN AVANNA VIJAYAKUMAR
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 :

Attribute information is associated with a file system object that is part of a distributed file system stored in a server system. In response to a request for the file system object from a first client, the attribute information associated with the file system object is accessed. The accessed attribute information allows for differentiated treatment in processing the request for the file system object from the first client as compared to a request for the file system object received from another client.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1564/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :01/07/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : STORING MEDIA WITH UNDIFFERENTIATED VISUAL ASPECT

(51) International classification	:H01L21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOSER BAER INDIA LATD
(32) Priority Date	:NA	Address of Applicant :NO.81 VALLUVARKOTTAM HIGH
(33) Name of priority country	:NA	ROAD, NUNGAMBAKKAM, CHENNAI - 600 034. Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)G.S. JUNEJA
(61) Patent of Addition to Application Number	:NA	2)RAJAGOPAL S. RAMAN
Filing Date	:NA	3)RAJEEV JINDAL
(62) Divisional to Application Number	:NA	4)ANIL BHARGAVA
Filing Date	:NA	

(57) Abstract :

A Storing medium with undifferentiated visual aspect, a method and system for manufacturing a storing medium, and a method and system for printing on a storing medium are provided. The storing medium includes a base substrate and a print substrate onto which one or more labels can be printed. The base substrate includes a first region formed between a first inner periphery and a first outer periphery, and a second region formed between a second inner periphery and a second outer periphery. One or more first tracks are formed in the first region, and one or more second tracks are formed up to a pre-defined periphery from the second outer periphery in the second region. The pre-defined periphery substantially lies at the second inner periphery or between the second inner periphery and the second outer periphery. The first tracks have a first set of undulations formed thereon, and the second tracks have a second set of undulations formed thereon. The base substrate appears substantially visually undifferentiated across a region spanning up to the pre-defined periphery from the first outer periphery. 30

No. of Pages : 43 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2037/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :26/08/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING CONTENTS

(51) International classification

:G06Q
30/00

(31) Priority Document No

:10-2009-
0060872

(32) Priority Date

:03/07/2009

(33) Name of priority country

:Republic
of Korea

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)EINTMS I & S CO. LIMITED.

Address of Applicant :SK Building 3F 738 Yeoksam-dong
Gangnam-gu Seoul 135-924 REPUBLIC OF KOREA

(72)Name of Inventor :

1)LEE Eun Young

(57) Abstract :

A method for providing content, including: dividing brand content collected from a plurality of creators into objects; associating the divided objects with corresponding codes; storing the divided objects in a database, wherein the divided objects are associated with a creator of the respective brand content; receiving a brand selection from a user; outputting an electronic book including a page on which the user can view a brand store where goods related to the selected brand are displayed and a page on which the user can view content related to the selected brand classified according to the creator of the content; receiving an output selection from the user; combining the divided objects; and outputting, according to the output selection, the brand store, operator content, or advertiser content. In an embodiment, a content providing system, as described herein, is used to provide content.

No. of Pages : 52 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2432/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :07/10/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR PREPARING SESAMIN AND SESAMOLIN

(51) International classification	:A23L 1/00	(71)Name of Applicant :
(31) Priority Document No	:098122194	1)FOREWAY BIOTECH INC
(32) Priority Date	:01/07/2009	Address of Applicant :NO.53, WUCYUAN RD., XING ZEN
(33) Name of priority country	:Thailand	VILLAGE WUGU TOWNSHIP, TAIPEI COUNTY 248 Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MIN-HSIUNG LEE
(87) 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 method for preparing sesamin and sesamol. The method includes the steps of passing a mixed solution of an oil containing sesamin and sesamol and an aliphatic hydrocarbon solvent through a silica gel column, washing the silica gel column with an aliphatic hydrocarbon solvent, and eluting the sesamin and sesamol adsorbed by the silica gel column with an eluent selected from the group consisting of methanol, ethanol, acetone and ethyl acetate. The method of the present invention allows a simple and convenient operation, and has excellent purifying effects and high recovery rates. Thus, the method of the present invention has substantial applicability in related industries.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4117/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :02/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : NEW PROCESS FOR THE SYNTHESIS OF MOGUISTEINE

(51) International classification :C07D277/04
(31) Priority Document No :07425770.0
(32) Priority Date :03/12/2007
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP08/066591
Filing Date :02/12/2008
(87) International Publication No :WO 2009/071528 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)A.M.S.A. ANONIMA MATERIE SINTETICHE E AFFINI S.P.A
Address of Applicant :VIA A.ALGARDI, 4, I-20148 MILANO. Italy
(72) **Name of Inventor :**
1)VIGANO', ENRICO
2)ARRIGHI, MASSIMILIANO
3)MOLTENI, RENATO
4)LANFRANCONI, SIMONA

(57) Abstract :

The invention relates to a process for the synthesis of moguisteine that is ethyl ester of (R,S)-3-112-II(2-methoxyphenoxy)methyl] - 1,3 -thiazolidin-3 -yl] -3-oxypropanoic acid which comprises the steps of forming a new cyclic intermediate of formula 2- [(2-methoxyphenoxy)methyl] -1,3 -dioxolane (4), forming (R,S)-2-II(2-methoxyphenoxy)methyl] -1,3 -thiazolidine (6) and reacting this latter with monoethylmalonic acid (7) or a salt thereof The moguisteine of the invention is obtained in high yield and purity.

No. of Pages : 31 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4118/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :02/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : SEISMIC SENSOR DEVICES

(51) International classification	:G01V1/18
(31) Priority Document No	:0800376.6
(32) Priority Date	:10/01/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB09/000033
Filing Date	:08/01/2009
(87) International Publication No	:WO 2009/087377
	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)GECO TECHNOLOGY B.V.

Address of Applicant :GEVERS DEYNOOTWEG 61, 2586
BJ S GRAVENHAGE. Netherlands

(72)Name of Inventor :

1)MUYZERT, EVERHARD, JOHAN

2)MARTIN, JAMES, EDWARD

(57) Abstract :

A sensor device (100) is adapted to be installed at a land-air interface. The sensor device (100) comprises a fluid-filled housing (101) and a sensor arrangement (102,103) supported within the housing (101) and coupled directly to the fluid so as to detect movement thereof. A seismic sensor installation comprises a sensor device (100) installed at a land air boundary wherein the sensor device comprises a fluid filled housing (101) and a sensor arrangement (102,103) supported within the housing (101) and coupled to directly to the fluid as to detect movement thereof.

No. of Pages : 50 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4119/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :02/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : POWER CONVERSION DEVICE

(51) International classification	:H02M7/48
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP08/050210
Filing Date	:10/01/2008
(87) International Publication No	:WO 2009/087775
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MITSUBISHI ELECTRIC CORPORATION

Address of Applicant :7-3, MARUNOUCHI 2-CHOME,
CHIYODA-KU, TOKYO 100-8310. Japan

(72)Name of Inventor :

1)KITANAKA, HIDETOSHI

(57) Abstract :

An object is to obtain a power conversion device capable of interrupting a fault current and preventing expansion of a fault portion in the power conversion device, even when a fault current flowing between an inverter and a motor contains a direct-current component that does not generate a continuous current zero point, regardless of a mode of a fault occurred in the power conversion device. The power conversion device includes: an inverter that drives an alternating-current motor by converting a direct-current voltage into an alternating-current voltage of an arbitrary frequency; an alternating current disconnecting switching unit connected between the inverter and the alternating-current motor; a current detector that detects an output current of the inverter; and a controller that performs on/off-control of the plural switching elements in the inverter and switching control with respect to the switching unit, based on at least a current detected by the current detector. The controller has a configuration to be able to interrupt a fault current by setting the fault current to a state of generating a current zero point, when the fault current containing a direct-current component is generated between the inverter and the alternating-current motor.

No. of Pages : 37 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4120/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :02/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : SELECTING STORAGE LOCATION FOR FILE STORAGE BASED ON STORAGE LONGEVITY AND SPEED

(51) International classification	:G06F17/30
(31) Priority Document No	:61/020,361
(32) Priority Date	:10/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/030567
Filing Date	:09/01/2009
(87) International Publication No	:WO 2009/089426
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DISKEEPER CORPORATION
Address of Applicant :7590 N.GLENOAKS BLVD.,
BURBANK, CALIFORNIA 91504. U.S.A.
(72)**Name of Inventor :**
1)THOMAS, BASIL
2)JENSEN, CRAIG
3)QUAN, GARY

(57) Abstract :

A method for selecting storage locations is provided. The method involves selecting storage locations for file storage by matching the speed and/or longevity of the storage locations with the frequency of access of the file type of the file, or the frequency of access of the file itself. The method allows for optimized usage of storage locations by matching frequently accessed files with higher performing storage locations, storage devices or storage systems.

No. of Pages : 27 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4121/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :02/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : GECL4 AND/OR SICL4 RECOVERY PROCESS FROM OPTICAL FIBERS OR GLASSY RESIDUES AND PROCESS FOR PRODUCING SICL4 FROM SIO2 RICH MATERIALS

(51) International classification	:C01G17/04
(31) Priority Document No	:60/992,354
(32) Priority Date	:05/12/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA08/002106
Filing Date	:01/12/2008
(87) International Publication No	:WO 2009/070874
	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)INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE

Address of Applicant :490, RUE DE LA COURONNE,
QUEBEC, QUEBEC G1K 9A9. Canada

(72)Name of Inventor :

1)BERGERON, MARIO

2)LANGLAIS, ALAIN

(57) Abstract :

A method is provided for producing GeCl₄ with or without SiCl₄ from optical fibers, the method comprises the steps of: reacting comminuted optical fibers including germanium and optionally silicon oxides with a reagent including a solid carbonaceous reducing agent, chlorine and a boron compound to obtain a gaseous product including gaseous GeCl₄, gaseous SiCl₄, and gaseous BCl₃ in accordance with the reactions: $2\text{BCl}_3(\text{g}) + 1.5\text{GeO}_2 = 1.5\text{GeCl}_4(\text{g}) + \text{B}_2\text{O}_3$, $2\text{BCl}_3(\text{g}) + 1.5\text{SiO}_2 = 1.5\text{SiCl}_4(\text{g}) + \text{B}_2\text{O}_3$, $\text{B}_2\text{O}_3 + 1.5\text{C} + 3\text{Cl}_2 = 2\text{BCl}_3(\text{g}) + 1.5\text{CO}_2$; and then condensing the gaseous GeCl₄, BCl₃ and optionally SiCl₄ into liquid GeCl₄, BCl₃ and optionally SiCl₄. The invention further provides a method for producing SiCl₄ (and optionally GeCl₄) from glassy residues obtained from optical fiber manufacturing and wasted optical cables. The method includes the steps of: reacting comminuted glassy residues with a reagent including a solid carbonaceous reducing agent, a salt, a boron compound to obtain a gaseous product including SiCl₄, BCl₃, and optionally GeCl₄; and then condensing the gaseous SiCl₄, BCl₃ (with or without GeCl₄) into liquid SiCl₄, BCl₃ and GeCl₄. There is also provided a method for producing SiCl₄ from a SiO₂ containing material.

No. of Pages : 66 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1571/CHE/2009 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : CENTRIFUGAL PRESSURE PUMP

(51) International classification	:F01D 1/00	(71)Name of Applicant : 1)CHADIVE RAJA REDDY,
(31) Priority Document No	:NA	Address of Applicant :SRI SARADA VIHAR, 25-2-490,
(32) Priority Date	:NA	CHAITANYAPURI, NELLORE - 524 004. Andhra Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)CHADIVE RAJA REDDY,
Filing Date	:NA	
(87) 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 :

Centrifugal pump, reversible heat pump, fire less stove, air cooler or heater, I.C. Engine. The impellor 3 in the Fig.II of the centrifugal pressure pump contains specially designed nozzles in which the fluid flows. The centrifugal force acts only to increase the pressure on the fluid flowing in the nozzles. In this the Mechanical Energy is directly convert into Kinetic Energy. Two or more units can be combined to form a multistage pump. This can also function as motor when fluid enters it with pressure. So, two units one motor and another as punnp with contmon shaft can work as a reversible heat pump. Pump is more powerful than motor. Two units running on common shaft with a combustor in between to burn fuel can function as an I.C. Engine and In this case the motor is more powerful than the pump.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4107/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :02/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR IMPROVING THE HYDROLYSIS STABILITY OF IONIC LIQUIDS

(51) International classification :C07D233/56
(31) Priority Document No :07150039.1
(32) Priority Date :14/12/2007
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP08/067428
Filing Date :12/12/2008
(87) International Publication No :WO 2009/077452 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)DEGEN, GEORG

2)STEGEMANN, VEIT

3)EBEL, KLAUS

4)MASSONNE, KLEMENS

5)SZARVAS, LASZLO

6)VAGT, UWE

7)MAASE, MATTHIAS

(57) Abstract :

The present invention relates to a method for improving the hydrolysis stability of an ionic liquid (IL), in which at least one tertiary amine or one quaternary ammonium compound different from the ionic liquid (IL) is added to an ionic liquid (IL).

No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4108/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :02/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : BIOADHESIVE HYDROGELS

(51) International classification	:A61L24/04
(31) Priority Document No	:61/020,584
(32) Priority Date	:11/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/030731
Filing Date	:12/01/2009
(87) International Publication No	:WO 2009/089526
	A2
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SYNTHES GMBH

Address of Applicant :EIMATTSTRASSE 3, CH-4436
OBERDORF, Switzerland

2)DREXEL UNIVERSITY

(72)Name of Inventor :

1)KITA, KRISTIN, B.

2)SMITH, NIGEL, G.

3)LOWMAN, ANTHONY, M.

4)FUSSELL, GARLAND, W.

(57) Abstract :

A method and kit for assaying a cell sample for the presence of at least a threshold number of cells of a given type are disclosed. The kit includes an assay device having a sample chamber for receiving the cell sample and an elongate collection chamber containing a selected- density and/or viscosity medium and having along its length, a plurality of cell-collection regions, and particles which are capable of specific attachment to cells of the selected cell type, and which are effective, when attached to the cells, to increase the density or magnetic susceptibility of the cells. In operation, particle-bound cells and particles in the cell sample are drawn through the elongate collection chamber under the influence of a gravitational or selected centrifugal or magnetic-field force until the particle-bound cells and particles completely fill successive cell- collection regions in the collection chamber. Indicia associated with at least one collection regions indicates a concentration of cells of the selected type effective to at least partially fill that collection region.

No. of Pages : 50 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4123/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :02/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : TRANSFORMED PLANT WITH PROMOTED GROWTH

(51) International classification

:C12N15/09

(31) Priority Document No

:2007-315953

(32) Priority Date

:06/12/2007

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP08/072595

Filing Date

:05/12/2008

(87) International Publication No

:WO 2009/072676
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)RIKEN

Address of Applicant :2-1, HIROSAWA, WAKO-SHI,
SAITAMA 351-0198. Japan

**2)NATIONAL INSTITUTE OF AGROBIOLOGICAL
SCIENCES**

(72)Name of Inventor :

1)TAKAHASHI, SHINYA

2)ICHIKAWA, TAKANARI

3)MATSUI, MINAMI

4)KURIYAMA, TOMOKO

5)HASEGAWA, YUKAKO

6)HIROCHIKA, HIROHIKO

7)MORI, MASAKI

(57) Abstract :

The present invention is directed to identify genes involved in the growth of a plant and provide a transformed plant the growth of which is promoted utilizing the genes.

No. of Pages : 49 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4124/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :02/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PROCESS FOR OBTENTION OF HIGHLY-LINEAL, ADJUSTABLE-ISOMERY MONOALKYLATED AROMATIC COMPOUNDS

(51) International classification	:C07C15/107
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/ES07/000711
Filing Date	:04/12/2007
(87) International Publication No	:WO 2009/071709
	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)CEPSA QUIMICA, S.A.

Address of Applicant :AVENIDA DEL PARTENON N°12,
CAMPO DE LAS NACIONES, E-28042 MADRID. Spain

(72)Name of Inventor :

1)BERNATEJERO, JOSE, LUIS

2)GONCALVES ALMEIDA,JOSE, LUIS

(57) Abstract :

The present invention refers to a procedure for obtaining a linear monoalkylaromatic compound, with adjustable 2-phenyl isomer content and an extremely low sulphonation color, in which a catalytic system is used based on highly stable and active solid catalysts and with a high selectivity for linear monoalkylaromatic compounds.

No. of Pages : 63 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4125/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :02/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD AND SYSTEM FOR RECEIVING DATA SIGNAL USING PLURALITY OF ANTENNAE

(51) International classification :H04B7/08
(31) Priority Document No :10 2007 058 520.0
(32) Priority Date :05/12/2007
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2008/063722
Filing Date :13/10/2008
(87) International Publication No :WO 2009/071362
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)ROBERT BOSCH GMBH
Address of Applicant :POSTFACH 30 02 20, STUTTGART
70442. Germany
(72)Name of Inventor :
1)HOFFMANN, FRANK

(57) Abstract :

The present subject matter relates to a method for receiving a data signal using a plurality of antennae, where the data signal comprises a transmission frame having at least one protection interval and a subsequent user interval for user data. The method comprises checking reception qualities of the at least two antennae, selecting the antenna having a better reception quality, and processing the data signal of the selected antenna to determine an output signal from the data signal of the selected antenna. According to the present subject matter, checking of the reception quality is carried out, at least partially, during the protection interval.

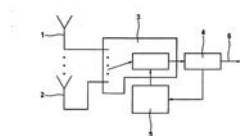


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4122/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :02/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PROCESS FOR THE PREPARATION OF TS-1 ZEOLITES

(51) International classification :C01B37/00
(31) Priority Document No :MI2007A002342
(32) Priority Date :14/12/2007
(33) Name of priority country :Italy
(86) International Application No :PCT/EP08/010290
Filing Date :03/12/2008
(87) International Publication No :WO 2009/077086
A8
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)POLIMERI EUROPA S.P.A.
Address of Applicant :PIAZZA BOLDRINI 1, I-20097 SAN
DONATO MILANESE(MILAN) Italy
(72)Name of Inventor :
1)CARATI, ANGELA
2)BERTI, DONATELLA
3)MILLINI, ROBERTO
4)RIVETTI, FRANCO
5)MANTEGAZZA, MARIA, ANGELA
6)GIROTTI, GIANNI

(57) Abstract :

The invention relates to a new prove which allows the preparation of TS-1 zeolites in a pure pase and with a crystallinity higher than 95% operating at reduced reaction volumes and obtaining high productivities and extremely high crystallization yields. The particular crystallizing form of the TS-1 zeolite thus prepared is also described.

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4150/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : TIME DIVISION MULTIPLEXING A DC-TO-DC VOLTAGE CONVERTER

(51) International classification :H02M3/158

(31) Priority Document No :12/009,851

(32) Priority Date :22/01/2008

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

(86) International Application No :PCT/US2009/000350
Filing Date :21/01/2009

(87) International Publication No :WO/2009/094134
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 USA INC.

Address of Applicant :600-700 MOUNTAIN AVENUE,
MURRAY HILL, NEW JERSEY, 07974-0636 U.S.A.

(72)Name of Inventor :

1)GANG CHEN

2)DAVID A, DUQUE

3)ROLAND RYF

(57) Abstract :

An apparatus includes a DC-to-DC voltage converter. The DC-to-DC voltage converter has a plurality of pairs of outputs and is configured to apply voltages across the pairs of outputs in a time division multiplexed manner.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4151/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : HOMING OF USER NODES TO NETWORK NODES IN A COMMUNICATION SYSTEM

(51) International classification :H04L12/28
(31) Priority Document No :12/015,287
(32) Priority Date :16/01/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/030391
Filing Date :08/01/2009
(87) International Publication No :WO/2009/091653
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 USA INC.
Address of Applicant :600-700 MOUNTAIN AVENUE,
MURRAY HILL, NEW JERSEY, 07974-0636 U.S.A.
(72)Name of Inventor :
1)RAYMOND ABBOTT SACKETT
2)CARLOS URRUTIA-VALDES

(57) Abstract :

User nodes are homed to network nodes in an IMS network or other communication system by determining a function hierarchy for functions provided by the network nodes. Starting with a function at an initial level of the function hierarchy, a predetermined criterion such as throughput-weighted distance is applied to assign a given user node to a particular network node providing that function. The homing process then proceeds through one or more additional levels of the function hierarchy to assign the given user node to at least one additional network node providing at least one other function identified in the additional level(s) of the function hierarchy. These operations are repeated for one or more additional user nodes until each of the user nodes is homed to one or more of the network nodes providing all of its required functions.

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

(54) Title of the invention : PROCESS FOR PRODUCING HIGH-PURITY CHLOROPHOSPHITE

(51) International classification	:C07F9/146	(71)Name of Applicant :
(31) Priority Document No	:JP2007-315579	1)NIPPON CHEMICAL INDUSTRIAL CO., LTD.
(32) Priority Date	:06/12/2007	Address of Applicant :11-1,KAMEIDO 9-CHOME,KOTO-
(33) Name of priority country	:Japan	KU,TOKYO 1368515. Japan
(86) International Application No	:PCT/JP2008/072125	(72)Name of Inventor :
Filing Date	:05/12/2008	1)SASAKI, KENTARO
(87) International Publication No	:WO 2009/072591	2)TSUNASHIMA KATSUHIKO
	A1	3)SAITO TADASHI
(61) Patent of Addition to Application	:NA	4)HARA YOSHIFUSA
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a process capable of preventing the adhesion of a catalyst to an evaporator in a step of separating a chlorophosphite as a target substance from a reaction liquid by evaporation. The process includes a first step of allowing phosphorus trichloride and a phosphorous acid triester represented by $(RO)_3P$ to react in the presence of a catalyst having a viscosity at 80°C of 100 mPa.s or lower to produce a chlorophosphite represented by $RO(R)PCl$, and a second step of vaporizing a reaction liquid containing the chlorophosphite obtained in the first step, in a short time, to separate the catalyst. Figure 1

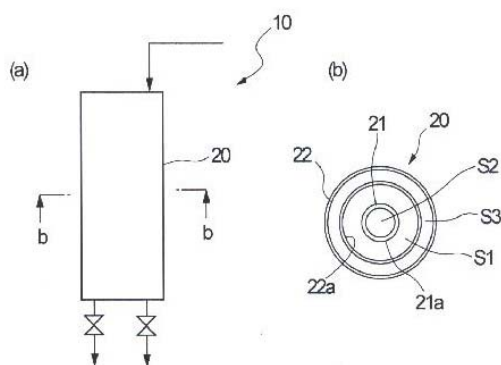


Figure 1

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

(54) Title of the invention : METHOD, APPARATUS AND MACHINE-READABLE MEDIUM FOR APPORTIONING VIDEO PROCESSING BETWEEN A VIDEO SOURCE DEVICE AND A VIDEO SINK DEVICE

(51) International classification :H04N5/44
 (31) Priority Document No :11/957,938
 (32) Priority Date :17/12/2007
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/CA2008/002214
 Filing Date :15/12/2008
 (87) International Publication No :WO 2009/076766 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)ATI TECHNOLOGIES ULC

Address of Applicant :1, COMMERCE VALLEY DRIVE
 EAST, MARKHAM ON L3T 7N6 Canada

(72)Name of Inventor :

1)GLEN, DAVID, I., J.

(57) Abstract :

To apportion desired video processing between a video source device and a video sink device, at one of the devices, and based upon an indication of video processing algorithms of which the other device is capable and an indication of video processing algorithms of which the one device is capable, a set of video processing algorithms for achieving desired video processing is identified. The identified set of video processing algorithms is classified into a first subset of algorithms for performance by the other device and a second subset of algorithms for performance by the one device. At least one command for causing the other device to effect the first subset of video processing algorithms is sent. The one device may be configured to effect the second subset of algorithms.FIG.1

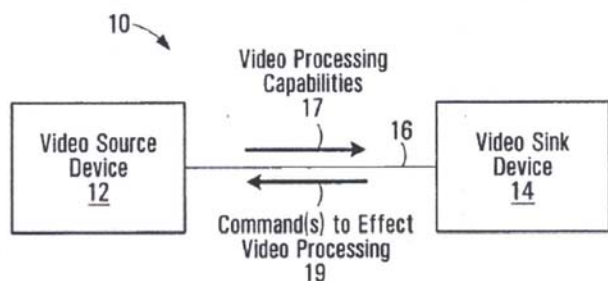


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4113/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :02/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : NOVEL INSULIN DERIVATIVES HAVING AN EXTREMELY DELAYED TIME-ACTION PROFILE

(51) International classification :C07K14/62
(31) Priority Document No :10 2008 003 566.1
(32) Priority Date :09/01/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP09/000018
Filing Date :06/01/2009
(87) International Publication No :WO 2009/087082
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)SANOFI-AVENTIS DEUTSCHLAND GMBH

Address of Applicant :BRUNINGSTRASSE 50, D-65929
FRANKFURT AM MAIN. Germany

(72)Name of Inventor :

1)HABERMANN, PAUL

2)SEIPKE, GERHARD

3)KURRLW, ROLAND

4)MULLER, GUNTER

5)SUMMERFELD, MARK

6)TENNAGELS, NORBERT

7)TSCHANK, GEORG

8)WERNER,ULRICH

(57) Abstract :

The invention relates to novel insulin analogues with basal time/action profile which are characterized by addition and/or substitution of negatively and positively charged amino acid residues, and an amidation of the C-terminal carboxy group of the B chain and histidine in position 8 of the insulin A chain, their preparation and use.

No. of Pages : 45 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4114/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :02/07/2010

(43) Publication Date : 07/01/2011

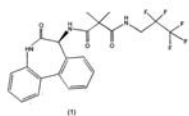
(54) Title of the invention : USE OF A GAMMA-SECRETASE INHIBITOR FOR TREATING CANCER

(51) International classification :A61K31/55
(31) Priority Document No :61/020,447
(32) Priority Date :11/01/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP09/050047
Filing Date :05/01/2009
(87) International Publication No :WO 2009/087130
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)F.HOFFMANN-LA ROCHE AG
Address of Applicant :124 GRENZACHERSTRASSE, CH-4070 BASEL. Switzerland
(72)Name of Inventor :
1)BOYLAN, JOHN, FREDERICK
2)LUISTRO, LEOPOLDO LADORES III
3)PACKMAN, KATHRYN E.

(57) Abstract :

The present invention provides a method for treating a patient having cancer comprising administering to the patient a therapeutically effective amount of compound (1), or a pharmaceutically acceptable salt thereof, having the formula: The present invention also provides a kit containing the above compound, as well as the use of compound (1) for the manufacture of medicaments for treating cancer according to the dosages and schedules specifically disclosed herein.



No. of Pages : 66 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4115/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :02/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : COATED PHARMACEUTICAL OR NUTRACEUTICAL PREPARATION WITH ACCELERATED CONTROLLED ACTIVE SUBSTANCE RELEASE

(51) International classification	:A61K9/16
(31) Priority Document No	:94/CHE/2008
(32) Priority Date	:10/01/2008
(33) Name of priority country	:India
(86) International Application No	:PCT/EP08/051240
Filing Date	:01/02/2008
(87) International Publication No	:WO 2009/086942
	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)EVONIK ROHM GMBH
Address of Applicant :KIRSCHENALLEE, 64293
DARMSTADT. Germany
(72)**Name of Inventor :**
1)RAVISHANKAR, HEMA
2)PETEREIT, HANS-ULRICH
3)BODINGE, SHRADDA

(57) Abstract :

The present invention relates to pharmaceutical or nutraceutical preparations comprising a) a core containing a pharmaceutically or nutraceutically active substance; and b) a controlling layer surrounding the core comprising i) 55 to 92 % by weight based on the total weight of (meth)acrylic copolymers present in the layer of one or a mixture of a plurality of (meth)acrylate copolymers composed of 80 to 98 % by weight based on the weight of the (meth)acrylic copolymer of structural units derived from C1 to C4 alkyl esters of (meth)acrylic acid and 2 to 20 % by weight based on the weight of the (meth)acrylic copolymer of structural units derived from (meth)acrylate monomers with a quaternary ammonium group in the alkyl radical; and ii) 8 to 45 % by weight based on the total weight of (meth)acrylic copolymers present in the layer of one or a mixture of a plurality of (meth)acrylate copolymers composed of more than 5 to 59% by weight based on the weight of the copolymer of structural units derived from acrylic acid or methacrylic acid, and to tablets and capsules containing same.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4158/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : ROTATION PATH DETECTION DEVICE

(51) International classification	:E05F15/10
(31) Priority Document No	:20 2008 001 066.7
(32) Priority Date	:24/01/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP08/065650
Filing Date	:17/11/2008
(87) International Publication No	:WO 2009/092471
	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)GEBR BODE GMBH & CO.KG

Address of Applicant :OCHSHAUSER STR,14,34123

KASSEL Germany

(72)Name of Inventor :

1)PELLEGRINI ANDREAS

(57) Abstract :

The Invention relates to a rotation path detection device for vehicles of public transportation having a drive device (20) for an entry/exit apparatus, which is mounted so it can be pivoted and/or displaced. Said apparatus has a drive unit (22), an electronic drive motor (44), and a first reduction gear (26) and a second reduction gear (72), which is connected to the drive motor (44), having a sensor for ascertaining the position of the reduction gear.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4160/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PRESSURE SENSITIVE ADHESIVE SHEET AND DISPLAY DEVICE

(51) International classification	:C09J7/00
(31) Priority Document No	:2007-323703
(32) Priority Date	:14/12/2007
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP08/064351
Filing Date	:08/08/2008
(87) International Publication No	:WO 2009/078195
	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)WATANABE, HISASHI

(57) Abstract :

The present invention provides a pressure sensitive adhesive sheet and a display device which can facilitate production of a display device having a front plate and reduce the thickness of such a display device. The present invention is a pressure-sensitive adhesive sheet that has a thickest portion with a largest thickness within a region corresponding to a display region of the image display unit, and has a thickness which continuously decreases from the thickest portion toward the end of the region.

No. of Pages : 42 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4147/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : OSCILLATING MIRROR FOR IMAGE PROJECTION

(51) International classification :G02B26/08
(31) Priority Document No :12/017,440
(32) Priority Date :22/01/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/000413
Filing Date :22/01/2009
(87) International Publication No :WO 2009/094165 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 USA INC
Address of Applicant :600-700 MOUNTAIN
AVENUE,MURRAY HILL,NEW JERSEY,07974-0636 U.S.A.
(72)**Name of Inventor :**
1)GANG CHEN
2)ROLAND RYF
3)MARIA ELINA SIMON

(57) Abstract :

An apparatus includes a substrate and a mirror. The mirror is attached to the substrate via a spring. An electro-mechanical driver is operable to cause the mirror to rotationally oscillate about first and second non-collinear axes at different first and second frequencies.

No. of Pages : 46 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4148/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : MULTI-COLOR LIGHT SOURCE

(51) International classification	:G03B21/14
(31) Priority Document No	:12/009,991
(32) Priority Date	:22/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/000349
Filing Date	:21/01/2009
(87) International Publication No	:WO 2009/094133 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 USA INC

Address of Applicant :600-700 MOUNTAIN AVENUE,
MURRAY HILL, NEW JERSEY, 07974-0636 U.S.A.

(72)Name of Inventor :

1)GANG CHEN

2)ROLAND RYF

(57) Abstract :

System including first and second light sources and controller. First light source is configured to generate first light beam of first perceived color. Second light source is configured to generate second light beam of different second perceived color. Controller is configured to direct light from first light beam to an image projector during first time intervals and to direct light from second light beam to an image projector during second time intervals. First light source generates first light beam with first intensity. Second light source generates second light beam with different second intensity. Controller is configured to temporally interleave first and second time intervals such that second time intervals are longer than first time intervals. Method also provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4149/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : DIFFUSER CONFIGURATION FOR AN IMAGE PROJECTOR

(51) International classification	:G03B21/00
(31) Priority Document No	:12/017,440
(32) Priority Date	:22/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/000352
Filing Date	:21/01/2009
(87) International Publication No	:WO/2009/094136
	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 USA INC
Address of Applicant :600-700 MOUNTAIN AVENUE,
MURRAY HILL, NEW JERSEY, 07974-0636 U.S.A.
(72)**Name of Inventor :**
1)GANG CHEN
2)ROLAND RYF

(57) Abstract :

According to one embodiment, an image projector has a spatial light modulator (SLM) adapted to modulate illumination from a laser with a spatial pattern such that the modulated illumination projects an image on a viewing screen. The image projector further has an optical diffuser located on an optical path between the laser and the SLM. The laser is adapted to illuminate the SLM through the optical diffuser to create an illuminated area at the SLM. The optical diffuser is adapted to introduce an angular spread into the light transmitted therethrough. The image projector is adapted to move the illuminated area with respect to the SLM to mitigate speckle in the projected image.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4164/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : COATED PHARMACEUTICAL OR NUTRACEUTICAL PREPARATION WITH ENHANCED ACTIVE SUBSTANCE RELEASE IN THE COLON

(51) International classification :A23L1/00
(31) Priority Document No :95/CHE/2008
(32) Priority Date :10/01/2008
(33) Name of priority country :India
(86) International Application No :PCT/EP08/051236
Filing Date :01/02/2008
(87) International Publication No :WO 2009/086940
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)EVONIK ROHM GMBH
Address of Applicant :KIRSCHENALLEE, 64293
DARMSTADT Germany
(72)Name of Inventor :
1)RAVISHANKAR, HEMA
2)BODINGE, SHRADDA
3)PETEREIT, HANS-ULRICH

(57) Abstract :

The present invention relates to a pharmaceutical or nutraceutical preparation comprising a) a core containing a pharmaceutically or nutraceutically active substance; and b) an inner controlling layer surrounding the core comprising i) one or a mixture of a plurality of (meth)acrylate copolymers bearing a cationic group or a group that can be converted to a cationic group; and ii) one or a mixture of a plurality of polymers or copolymers bearing an anionic group or group that can be converted to an anionic group; and c) an outer controlling layer comprising one or a mixture of a plurality of polymers or copolymers bearing an anionic group or group that can be converted to an anionic group and to tablets or capsules comprising same.

No. of Pages : 38 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4165/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : FE-SI-LA ALLOY HAVING EXCELLENT MAGNETO-CALORIC PROPERTIES

(51) International classification :H01F1/01
(31) Priority Document No :07291522.6
(32) Priority Date :14/12/2007
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/FR08/001737
Filing Date :15/12/2008
(87) International Publication No :WO 2009/103889
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)ARCELORMITTAL STAINLESS & NICKEL ALLOYS

Address of Applicant :1-5 RUE LUIGI CHERUBINI,F-93200 SAINT-DENIS. France

2)LE CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE(CNRS)

(72)Name of Inventor :

1)WAECKERLE THIERRY

2)FRAISSE HERVE

3)BALLI MOHAMED

4)DE RANGO PATRICIA

5)FRUCHART, DANIEL

6)GIGNOUX DAMIEN

7)MIRAGLIA SALVATORE

8)ROSCA, MARIANA

9)ARTIGAS ALAVA, MIGUEL JOSE

(57) Abstract :

The invention relates to a Fe-Si-La alloy having the atomic composition: $(La_{1-a-a^{TM}}MmaTRa^{TM})_1[Fe_{1-b-b^{TM}}CobMb^{TM})_1-x(Si_{1-cXc}x)_{13}(CdNeH_{1-d-e})_y(R)_z(I)fMm$ representing a mixture of lanthanum, cerium, neodymium and praseodymium in the weight proportion of 22 to 26% La, 48 to 53% Ce, 17 to 20% Nd and 5 to 7% Pr, the said mixture possibly comprising up to 1% by weight of impurities, TR representing one or more elements of the rare earth family other than lanthanum, M representing one or more type d transition elements of the 3d, 4d and 5d layers X representing a metalloid element selected from Ge, Al, B, Ga and In R representing one or more elements selected from Al, Ca, Mg, K and Na, I representing one or two elements selected from O and S, with: $0 \leq a \leq 0.5$ and $0 \leq a \leq 0.2$ $0 \leq b \leq 0.2$ and $0 \leq b \leq 0.4$ $0 \leq c \leq 0.5$ and $0 \leq d \leq 1$ $0 \leq e \leq 1$ and f 0.1 $0.09 \leq x \leq 0.13$ and $0.002 \leq y \leq 4$ $0.0001 \leq z \leq 0.01$ the subscripts b, d, e, x and y being such that the alloy further satisfies the following condition: $6.143b(13(1-x)) + 4.437y[1 - 0.0614(d + e)] \geq 1$ Eq.1 $d \ y \geq 0.005$ Eq.2 It also relates to a powder of this alloy or to a mixture of these alloys and the method of fabrication.

No. of Pages : 34 No. of Claims : 19

(54) Title of the invention : METHOD, APPARATUS AND MACHINE-READABLE MEDIUM FOR VIDEO PROCESSING CAPABILITY COMMUNICATION BETWEEN A VIDEO SOURCE DEVICE AND A VIDEO SINK DEVICE

(51) International classification :H04N5/44
 (31) Priority Document No :11/957,852
 (32) Priority Date :17/12/2007
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/CA2008/002217
 Filing Date :15/12/2008
 (87) International Publication No :WO 2009/076767 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)ATI TECHNOLOGIES ULC

Address of Applicant :1, COMMERCE VALLEY DRIVE
 EAST, MARKHAM ON L3T 7N6 Canada

(72)Name of Inventor :

1)GLEN, DAVID, I., J.

(57) Abstract :

At one of a video source device and a video sink device, an indication of video processing capabilities of the other of the video source device and said video sink device is received. Based upon the indication and an indication of video processing capabilities of the one device, one of a plurality of video processing algorithms is selected for execution by the one device. The selecting may be based upon a set of precedence rules. Categories of video processing may for example include scan-rate conversion, interlacing, de-interlacing, de-noise, scaling, color correction, contrast correction and detail enhancement. FIG.1.

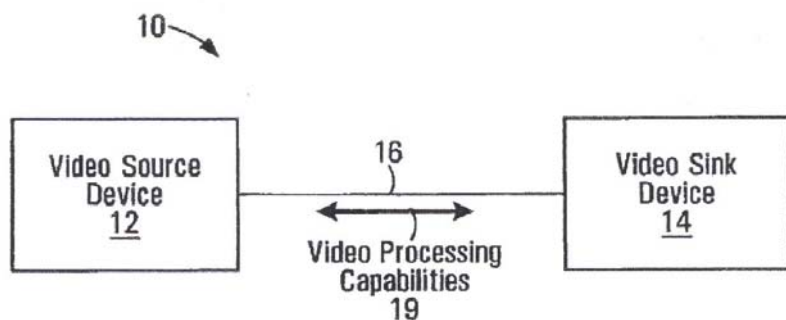


FIG. 1

No. of Pages : 39 No. of Claims : 22

(54) Title of the invention : LID SECURING ASSEMBLY

(51) International classification :E05B15/02
 (31) Priority Document No :61/040,058
 (32) Priority Date :27/03/2008
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2009/031485
 Filing Date :21/01/2009
 (87) International Publication No :WO 2009/120399 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 :

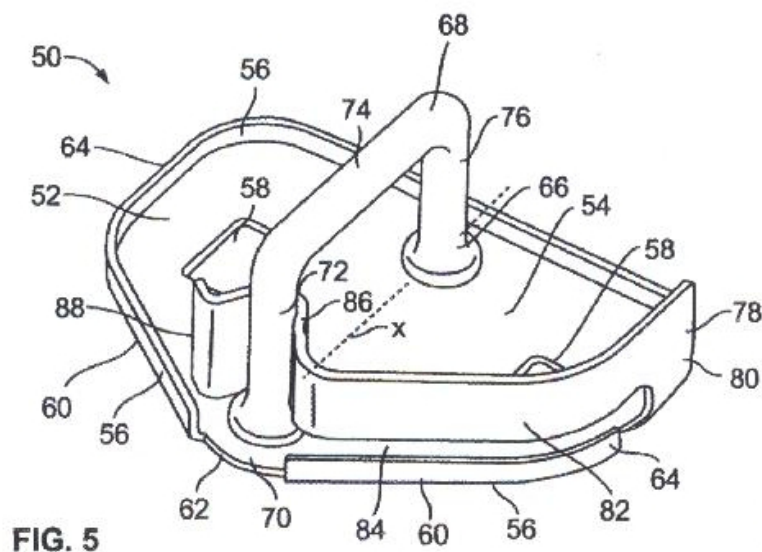
1)ILLINOIS TOOL WORKS INCAddress of Applicant :3600, WEST LAKE AVENUE
GLENVIEW IL 60026 U.S.A.

(72)Name of Inventor :

1)JOHNSON, LAWRENCE W.**2)BOTHE, HARRY W.****3)PIPPINE, WILLIAM S.**

(57) Abstract :

A lid striker assembly is configured to mate with a latching assembly having a pawl. The lid striker assembly includes a plate (52), and at least one spring beam (78) extending from the plate. The spring beam(s) is integrally formed with the plate as a single unit and is configured to exert a resistive force into the latching assembly when the lid striker assembly is secured to the latch assembly. FIG.5



No. of Pages : 23 No. of Claims : 25

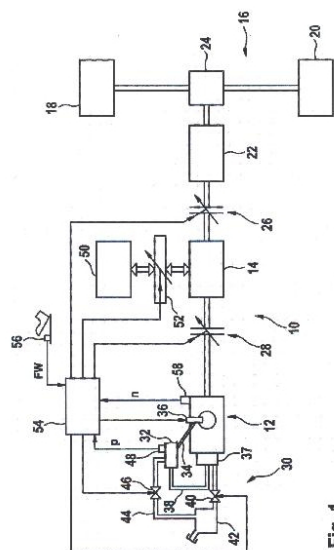
(54) Title of the invention : METHOD FOR ADJUSTING FUEL PRESSURE

(51) International classification :F02D41/38
 (31) Priority Document No :10 2007 058 539.1
 (32) Priority Date :06/12/2007
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2008/066195
 Filing Date :26/11/2008
 (87) International Publication No :WO 2009/071473
 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)ROBERT BOSCH GMBH
 Address of Applicant :POSTFACH 30 02 20, STUTTGART
 70442 Germany
 (72)Name of Inventor :
1)HERNIER, MARKUS
2)GREIS, ANDREAS

(57) Abstract :

The present subject matter relates to a method for adjusting a fuel pressure (p) in a high-pressure fuel accumulator (32) of an accumulator injection system (30) of an internal combustion engine (12) configured as a first drive motor disposed in a drive train (10) together along with a second drive motor (14). Further, variable torque contributions of the internal combustion engine (12) and the second drive motor (14) are superimposed. The method comprises adjustment of an actual value (p_1st) of the fuel pressure (p) to a higher target value (p -target -value) of the fuel pressure (p) in the high-pressure fuel accumulator (32) when a torque contribution is increased from lower to higher torque contribution of the internal combustion engine (12). The actual value (p_1st) of the fuel pressure (p) for the low torque contribution deviates from the target value (p -target- value) of the fuel pressure (p) predetermined for higher torque contribution in the internal combustion engine (12). According to the present subject matter, the method further comprises the adjustment of the actual value (p_1st) of the fuel pressure (p) in such a way that a rate of change of the actual value (p_1st) of the fuel pressure (p) does not exceed a predetermined limiting value during the adjustment. Fig.1



No. of Pages : 18 No. of Claims : 11

(54) Title of the invention : GASKET FOR HIGH-PRESSURE PUMP AND HIGH-PRESSURE PUMP COMPRISING SAID GASKET

(51) International classification :F16J15/08
 (31) Priority Document No :MI2007A002300
 (32) Priority Date :06/12/2007
 (33) Name of priority country :Italy
 (86) International Application No :PCT/EP2008/066118
 Filing Date :25/11/2008
 (87) International Publication No :WO 2009/071462
 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)ROBERT BOSCH GMBH

Address of Applicant :POSTFACH 30 02 20, STUTTGART
 70442 Germany

(72)Name of Inventor :

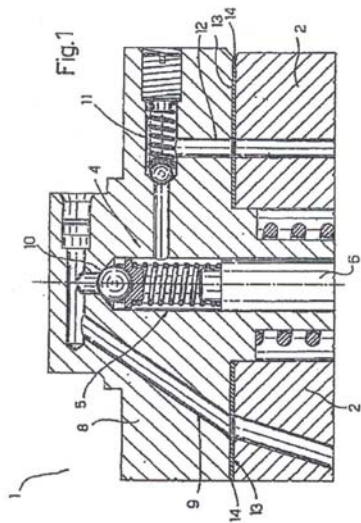
1)IORIZZO, ROSANNA

2)GRIMALDI, ANTONIO

3)SCOTTO DI SANTOLO, PIETRO

(57) Abstract :

The present subject matter relates to a high-pressure pump (1) that includes a high-pressure delivery line (12), a low-pressure supply line (9), a pumping element (4) defined by a piston (6) and cylinder (5), and a cylinder head (8). Furthermore, the pump (1) includes an essentially flat gasket (13) according to the present subject matter. The gasket (13), essentially flat, includes a metal sheet (14) extending in a plane (P) and including a first hole (17) defining part of a low-pressure supply line (9), a second hole (18) into which a cylinder head (8) is disposed, and a third hole (19) defining part of a high-pressure delivery line (12). According to the present subject matter, the gasket (13) includes a coating (34) of elastic material that extends only around the first and the second holes (17, 18). Fig.1



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1578/CHE/2009 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : A BRAKE CHAMBER WITH A NOVEL BREATHER AND A METHOD FOR BLEEDING AIR FROM A BRAKE CHAMBER

(51) International classification	:B60T	(71) Name of Applicant :
(31) Priority Document No	13/00	1)MADRAS ENGINEERING INDUSTRIES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :14, SATHYANARAYANA AVENUE
(33) Name of priority country	:NA	CHENNAI - 600 028. Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SEENIAPPAN MANIPANDIAN
(87) International Publication No	: NA	2)VIVEKANANDAN GUNASEKARAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A diaphragm actuated brake chamber converting energy of air pressure into mechanical force, with a diaphragm disposed and held between a pressure plate and a non-pressure plate, a first side of a brake chamber diaphragm exposed to an applying air pressure and a second side of a brake chamber diaphragm exposed to atmospheric pressure thereby forming a pressure side and a non- pressure side of the chamber, and the non-pressure plate vented to the atmosphere with breathing holes comprising of: a breath-in hole a breath-out hole, and one way valve which so cooperates with the said holes and disposed on each of the breath-in hole and breath-out hole and positioned on the housing of the brake chamber.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1585/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :03/07/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : PISTON RING PACK FOR REDUCED BLOW-BY, OIL CARRY OVER AND RING WEAR IN A RECIPROCATING TYPE AIR COMPRESSOR OF A MOTOR VEHICLE BRAKING SYSTEM

(51) International classification	:B60T8/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WABCO-TVS (INDIA) LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES, 8
(33) Name of priority country	:NA	HADDOWS ROAD, CHENNAI - 600 006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUNDARAMAHALINGAM SELVAMANI
(87) International Publication No	: NA	2)SIMON LEONARD
(61) Patent of Addition to Application Number	:NA	3)PATEL SRINIVAS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A piston ring pack for reduced blow-by and ring wear in a reciprocating type air compressor of a motor vehicle braking system, comprising a top ring, a second ring and a third ring, wherein the top ring is a micro Napier ring of a predetermined

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1586/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :03/07/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : IGNITION UNIT

(51) International classification	:F02P3/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)INDIA NIPPON ELECTRICALS LIMITED,
(32) Priority Date	:NA	Address of Applicant :HOSUR-THALLI ROAD,
(33) Name of priority country	:NA	ULIVEERANAPALLI, HOSUR- 635 114, Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RAMAN UMASHANKAR
(87) International Publication No	: NA	2)KARUPPIAH ASHOKKUMAR
(61) Patent of Addition to Application Number	:NA	3)SIVASUBRAMANIAN RAVIKUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The subject matter described herein relates to an ignition unit 400. The ignition unit 400 includes a primary winding 200 and a secondary winding 300 electromagnetically coupled to the primary winding 200. The primary winding 200 is housed in a first casing 216, thereby forming a first sub-unit 226. The secondary winding 300 is housed in a second casing 304, thereby forming a second sub-unit 306. The second casing 304 includes a longitudinally extending recess 310 for accommodating the primary winding 200. Further, the second sub-unit 306 is detachably attached to the first sub-unit 226 to form the ignition unit 400.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1826/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :29/06/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : TAX RETURN EVALUATION SYSTEM

(51) International classification	:G06Q 40/00	(71)Name of Applicant : 1)Accenture Global Services GmbH
(31) Priority Document No	:12/494,966	Address of Applicant :Herrenacker 15, CH-8200
(32) Priority Date	:30/06/2009	Schaffhausen Switzerland.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)Douglas T. Ramsey
Filing Date	:NA	2)Maran J. Parker
(87) International Publication No	: NA	3)Martin J. Grabeck
(61) Patent of Addition to Application Number	:NA	4)John Christian Stauffer
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Tax returns are received from one or more tax agencies. Each tax return is compared to a stored profile, and a determination is made as to whether each tax return falls within a trend. An evaluation of the tax return is generated based on the comparison and the determination of whether the tax return falls within the trend. The evaluation includes an indication of the tax returns potential to be a fraudulent tax return.

No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4175/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : INTEGRATED MAGNETIC FIELD GENERATION AND DETECTION PLATFORM

(51) International classification	:G01N27/72
(31) Priority Document No	:61/012,861
(32) Priority Date	:17/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/031155
Filing Date	:15/01/2009
(87) International Publication No	:WO 2009/091926
	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)THE REGENTS

Address of Applicant :THE UNIVERSITY OF CALIFORNIA
OF 1111 FRANKLIN STREET, 12TH FLOOR, OAKLAND, CA
94607 U.S.A.

(72)Name of Inventor :

1)FLORESCU, OCTAVIAN

2)BOSER, BERNHARD, E

3)MATTMANN, MORITZ

(57) Abstract :

An integrated magnetic field generation and detection platform is described that is capable of manipulating and detecting individual magnetic particles, such as spherical super-paramagnetic beads, and providing biosensing functionality. The platform is implemented in an integrated circuit, a portion of the surface of which is functionalized with one or more biochemical agents that binds tightly (i.e., specifically) with a target analyte. The magnetic beads are similarly functionalized with one or more biochemical agents that bind specifically with the target analyte. When a sample is introduced, magnetic beads that specifically bind to the integrated circuit can be separated from non-specifically bound beads and detected.

No. of Pages : 55 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4161/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : NOVEL MICRO-ORGANISMS CONTROLLING PLANT PATHOGENS

(51) International classification	:C12P1/12, A01N63/04
(31) Priority Document No	:07123275.5
(32) Priority Date	:14/12/2007
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/NL08/050794
Filing Date	:12/12/2008
(87) International Publication No	:WO 2009/078710 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)STICHTING DIENST LANDBOUWKUNDIG
ONDERZOEK**

Address of Applicant :COSTERWEG 50, 6701 BH
WAGENINGEN Netherlands

(72)Name of Inventor :

1)KOHL, JURGEN ANTON

(57) Abstract :

The invention relates to control of pathogen caused diseases on leaves, fruits and ears in plants, such as apple scab (*Venturia inaequalis*) by treatment of plant with an isolate of *Cladosporium cladosporioides*. The treatment is effective in both prevention and treatment of the fungal infection.

No. of Pages : 68 No. of Claims : 15

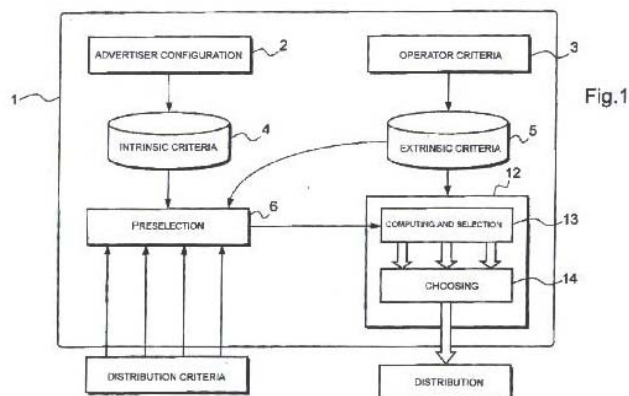
(54) Title of the invention : METHOD FOR PROVIDING CUSTOMISED COMMERCIAL ANNOUNCEMENT

(51) International classification :G06Q30/00
 (31) Priority Document No :0800098
 (32) Priority Date :08/01/2008
 (33) Name of priority country :France
 (86) International Application No :PCT/FR08/052406
 Filing Date :23/12/2008
 (87) International Publication No :WO 2009/087334
 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)PIEKAREC, SOPHIE
2)BETGE-BREZETZ, STEPHANE
3)KAMGA, GUY-BERTRAND
4)DUPONT, MARIE-PASCALE

(57) Abstract :

A method for distributing personalized media elements to media terminals, said method comprising the following operations, carried out within a media server: determining at least one distribution criterion; preselecting a group of media elements that meet the distribution criterion (or criteria); for each media element, defining correlation criteria intrinsic with other media elements by defining metadata characteristic of the content of the media element as well as metadata characteristic of other media elements that may be combined with said media element; selecting from among the preselected group media elements exhibiting an intrinsic correlation with one another; concatenating the selected elements to form at least one eligible sequence; choosing a sequence from among the eligible sequences, distributing the chosen sequence to the media terminals. FIG. 1



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

(54) Title of the invention : DEVICE FOR ATTACHING A WALL-MOUNTED OBJECT

(51) International classification	:E03D11/14
(31) Priority Document No	:20 2007 017
	328.8
(32) Priority Date	:12/12/2007
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP08/10471
Filing Date	:10/12/2008
(87) International Publication No	:WO
	2009/074301 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)VILLEROY & BOCH AG

Address of Applicant :SAARUFERSTRASSE 14-18, 66693

METTLACH Germany

(72)Name of Inventor :

1)KRAMER, JORG

(57) Abstract :

The invention relates to a device for the attachment of a wall-mounted object, such as an item of sanitary ware and in particular a toilet bowl, to a wall (W) using at least one wall bracket (2) which can be fixed to the wall (W) of a building, an object, such as the body of a toilet bowl (3), being supported on said wall bracket (2) and said object (3) being screwed to said wall bracket by means of a respective locking screw (4) which engages through a respective hole (5) in the upper side (6) of the object (3) and can be screwed down into the respective wall bracket (2) from above. (Fig. 4)

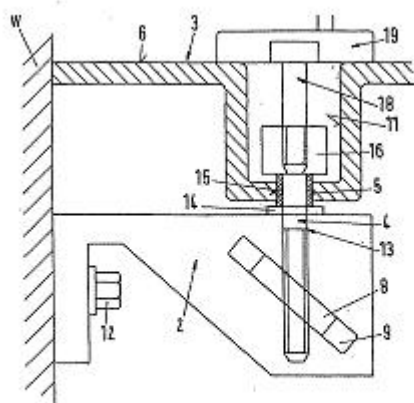


Fig.4

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4180/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : THREE-POSITIONS DISCONNECTOR FOR MEDIUM VOLTAGE PANELS

(51) International classification	:H02B13/02
(31) Priority Document No	:07150130.8
(32) Priority Date	:19/12/2007
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP08/066944
Filing Date	:05/12/2008
(87) International Publication No	:WO 2009/080472 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)ABB TECHNOLOGY AG
Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
ZURICH Switzerland
(72)**Name of Inventor :**
1)CORTI, DAVIDE

(57) Abstract :

A three-positions disconnecter comprising, for each phase an insulating casing which comprises a first and a second cavity separated by an insulated partition wall, a through hole being presenting said partition wall between said first and second cavity, the first cavity houses: a first fixed contact electrically connected to a corresponding branch conductor (of a bus-bar system; at least a portion of a movable contact pivotally mounted on a support positioned in the first cavity and electrically connected to a first electrical terminal positioned in said second cavity The disconnecter further comprises, for each phase, a second fixed contact suitable for ground connection. Also, the disconnecter comprises an operating mechanism and a kinematical chain linking the movable contact with the operating mechanism; the movable contact is movable between a first position in which it is coupled to the first fixed contact, a second position in which it is isolated from both the first and second fixed contacts, and a third position in which it is coupled to the second fixed contact.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4181/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : SPIRAL TYPE MEMBRANE FILTERING DEVICE AND MOUNTING MEMBER, AND MEMBRANE FILTERING DEVICE MANAGING SYSTEM AND MEMBRANE FILTERING DEVICE MANAGING METHOD USING THE SAME

(51) International classification	:B01D63/10	(71)Name of Applicant :
(31) Priority Document No	:2007-324909	1)NITTO DENKO CORPORATION
(32) Priority Date	:17/12/2007	Address of Applicant :1-1-2, SHIMOHOZUMI, IBARAKI-
(33) Name of priority country	:Japan	SHI, OSAKA 567-8680 Japan
(86) International Application No	:PCT/JP08/072879	(72)Name of Inventor :
Filing Date	:16/12/2008	1)KONISHI, TAKAHISA
(87) International Publication No	:WO 2009/078412	2)MARUYAMA, KOUJI
	A1	3)KOUNO, TOSHIKI
(61) Patent of Addition to Application Number	:NA	4)HIRANO, KEISUKE
Filing Date	:NA	5)OOTANI, AKIRA
(62) Divisional to Application Number	:NA	6)YOSHIKAWA, HIROSHI
Filing Date	:NA	7)IKEYAMA, NORIO

(57) Abstract :

Provided are a spiral type membrane filtering device by which an electric component can be re-used and a mounting member, as well as a membrane filtering device managing system and a membrane filtering device managing method using the same. An interconnector (42) attachable and detachable to a membrane element is provided with a sensor that detects the property of liquid such as raw water or permeated water that flows within a membrane filtering device, or a power generating section (26). Therefore, even if the membrane element is to be replaced, the sensor or the power generating section (26) can be re-used by re-mounting the interconnector 42 onto a new membrane element. Also, since there is no need to add a change to the membrane element, a conventional membrane element can be used as it is.

No. of Pages : 72 No. of Claims : 16

(54) Title of the invention : AUTOMATIC ALLOCATION OF AREA CODES FOR FEMTOCELL DEPLOYMENT

(51) International classification :H04W8/26
 (31) Priority Document No :08150203.1
 (32) Priority Date :11/01/2008
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP09/000027
 Filing Date :07/01/2009
 (87) International Publication No :WO 2009/087083
 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)LUCENT TECHNOLOGIES INCAddress of Applicant :600 MOUNTAIN AVENUE,
MURRAY HILL, NEW JERSEY 07974-0636 U.S.A.

(72)Name of Inventor :

1)CLAUSSEN, HOLGER**2)HO, LESTER, TSE, WEE**

(57) Abstract :

The invention relates to a method of automatically allocating an area code to a first femtocell (f7). The first femtocell (f7) is surrounded by a plurality of second femtocells (f1 f6). A plurality of area codes (C1 - C4) is already allocated to the plurality of second femtocells (f1 f6). According to the method, an area code (C1) of the plurality of area codes (C1-C4) is determined which is used furthest away from the first femtocell (f7) by a second femtocell (f2), without being used by a closer second femtocell. The determined area code (C1) is allocated to the first femtocell (f7). (Fig. 1)

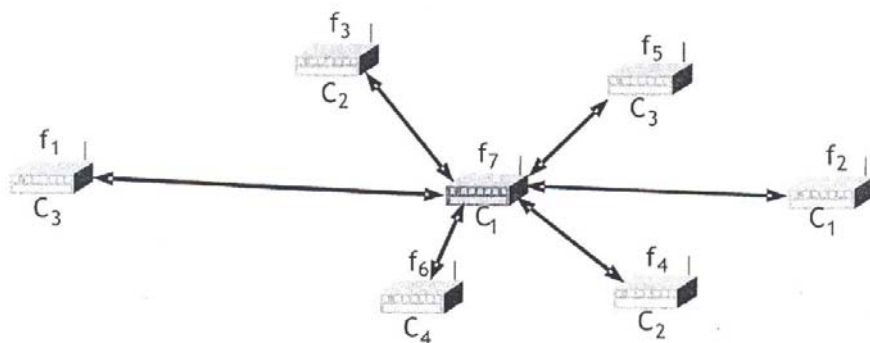


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4183/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : TREATMENT OF DYSMENORRHEA VIA TRANSDERMAL ADMINISTRATION OF NONSTEROIDAL ANTI-INFLAMMATORY DRUGS

(51) International classification	:A61F13/00
(31) Priority Document No	:61/055,061
(32) Priority Date	:21/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/044379
Filing Date	:18/05/2009
(87) International Publication No	:WO 2009/143070
	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)TEIKOKU PHARMA USA, INC
Address of Applicant :1718 RINGWOOD AVENUE, SAN JOSE, CA 95131-1711 U.S.A.
(72)**Name of Inventor :**
1)KOREY, ANDREW

(57) Abstract :

Methods and compositions are provided for the treatment of a subject suffering from dysmenorrhea, including both primary and second dysmenorrhea. Aspects of the invention made transdermally administering to the subject an effective amount of a nonsteroidal antiinflammatory agent. Also provided are transdermal NSAID formulations and kits including the same that find in practicing the subject methods.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4184/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR REDUCING THE CONTENT IN ELEMENTS, SUCH AS BORON, IN HALOSILANES AND INSTALLATION FOR CARRYING OUT SAID METHOD

(51) International classification	:C01B33/107
(31) Priority Document No	:10 2008 004 397.4
(32) Priority Date	:14/01/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP08/065892
Filing Date	:20/11/2008
(87) International Publication No	:WO 2009/089950
	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 :RELLINGHAUSER STRASSE 1-11,
45128 ESSEN Germany
(72)**Name of Inventor :**
1)MUEH, EKKEHARD
2)RAULEDER, HARTWIG
3)SCHORK, REINHOLD

(57) Abstract :

The invention relates to a process for reducing the content of elements of the third main group of the Periodic Table, especially of boron- and/or aluminium- containing compounds, in halosilanes of technical-grade purity to prepare purified halosilanes, especially ultrahigh-purity chlorosilanes. The invention further relates to a plant for performing this process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4185/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : FRAGRANCE-CONTAINING MICROCAPSULES WITH IMPROVED RELEASE PROPERTIES

(51) International classification	:B01J13/14
(31) Priority Document No	:08100495.4
(32) Priority Date	:15/01/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP09/050319
Filing Date	:13/01/2009
(87) International Publication No	:WO 2009/090169 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)HENTZE, HANS-PETER

2)JUNG, MARC

3)KOPLIN, TOBIAS JOACHIM

4)DETERING, JUERGEN

(57) Abstract :

The present invention relates to microcapsules, microcapsule preparations, and detergents and cleaners comprising these, where the microcapsules comprise, in their core, one or more scents or fragrance(s) whose release behavior from the core of the microcapsules is considerably slowed through the use of more than one crosslinker.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4186/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : INSTALLATION AND METHOD FOR REDUCING THE CONTENT IN ELEMENTS, SUCH AS BORON, OF HALOSILANES

(51) International classification	:C01B33/107	(71)Name of Applicant :
(31) Priority Document No	:102008004396.6	1)EVONIK DEGUSSA GMBH
(32) Priority Date	:14/01/2008	Address of Applicant :RELLINGHAUSER STRASSE 1-11,
(33) Name of priority country	:Germany	45128 ESSEN Germany
(86) International Application No	:PCT/EP08/065902	(72)Name of Inventor :
Filing Date	:20/11/2008	1)MUEH, EKKEHARD
(87) International Publication No	:WO 2009/089951	2)RAULEDER, HARTWIG
	A2	3)SCHORK, REINHOLD
(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 process for reducing the content of elements of the third main group of the Periodic Table, especially of boron- and aluminium- containing compounds, in halosilanes of technical-grade purity to prepare ultrahigh-purity halosilanes, especially ultrahigh-purity chlorosilanes. The invention further relates to a plant for performing this process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4187/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PROCESS FOR MANUFACTURING STAMPED PRODUCTS, AND STAMPED PRODUCTS PREPARED FROM THE SAME

(51) International classification	:C21D8/02
(31) Priority Document No	:PCT/IB2008/000079
(32) Priority Date	:15/01/2008
(33) Name of priority country	:PCT
(86) International Application No	:PCT/IB09/000322
Filing Date	:12/01/2009
(87) International Publication No	:WO 2009/090555
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ARCELORMITTAL FRANCE
Address of Applicant :1A5, RUE LUIGI CHERUBINI, F-93200 LA PLAINE SAINT DENIS. France

(72)**Name of Inventor :**
1)DRILLET, PASCAL
2)SPEHNER, DOMINIQUE
3)KEFFERSTEIN, RONALD

(57) Abstract :

The invention relates to a process for making a hot stamped coated steel sheet product, comprising the steps of pre-coating a steel strip or sheet with aluminium-or aluminium alloy, cutting said pre-coated steel strip or sheet to obtain a pre-coated steel blank, heating the blank in a furnace preheated to a temperature and during a time defined by diagram according to thickness, at a heating rate V_c between 20 and 700°C comprised between 4 and 12°C/s and at a heating rate V_c between 500 and 700°C comprised between 1.5 and 6°C/s, to obtain a heated blank; then transferring said heated blank to a die, hot stamping the heated blank in the die obtain a hot stamped steel sheet product, cooling at a mean rate V_r between the exit of the heated blank from the furnace, down to 400°C, of at least 30°C/s.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4176/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : **CROSSLINKED HYDROGELS**

(51) International classification :A61L27/16
(31) Priority Document No :61/014,347
(32) Priority Date :17/12/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US08/086997
Filing Date :16/12/2008
(87) International Publication No :WO 2009/079507
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)DREXEL UNIVERSITY
Address of Applicant :OFFICE OF TECHNOLOGY
COMMERCIALIZATION, 3225 ARCH STREET,
PHILADELPHIA, PA 19104 U.S.A.
2)SYNTHESE GMBH
(72)**Name of Inventor :**
1)KITA, KRISTIN
2)SMITH, NIGEL, G
3)LOWMAN, ANTHONY, M
4)FUSSELL, GARLAND, W
5)KEANE, MICHAEL, F

(57) Abstract :

The present invention preferably provides for a method of forming and the resulting solid polymer gel composition comprising polyethylene imine and at least one hydrogen bonding polymer. The composition has a greater viscosity than either of the polyethylene imine or the hydrogen bonding polymer alone and is injectable immediately after mixing of the polyethylene imine and the at least one hydrogen bonding polymer. A method of tissue repair may include mixing about 9.25% (w/w) to about 13.65% (w/w) polyethylene imine and about 18.02% (w/w) to about 26.62% (w/w) polyvinyl alcohol to form an injectable composition; injecting the injectable composition into a cavity within a human body; and allowing the composition to solidify in situ. A kit may include a multi-barrel syringe at least one barrel is loaded with polyethylene imine and at least another barrel is loaded with at least one hydrogen bonding polymer.

No. of Pages : 24 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4177/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : LIGHTING DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification :F21S2/00
(31) Priority Document No :2008-006280
(32) Priority Date :15/01/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP08/072418
Filing Date :10/12/2008
(87) International Publication No :WO 2009/090811
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)YAMAMOTO, SHUKI
2)KUROMIZU, YASUMORI
3)YAMAMOTO, KAORI
4)YOSHIKAWA, TAKAHIRO

(57) Abstract :

A lighting device 12 of the present invention includes a plurality of light sources 17 and an optical member arranged closer to the light-exiting portion 15z than the light sources 17. The optical member 15 includes a prism diffuser plate 15a for diffusing light emitted from the light sources 17 and exiting from a lens sheet 15c arranged closer to the light-exiting portion 15z than the prism diffuser plate 15a. The prism diffuser plate 15a has prisms on a surface located on a side closer to the light-exiting portion 15z. The lens sheet 15c has convex lenses 62 on a surface closer to the light-exiting portion 15z.

No. of Pages : 46 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4178/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR REVERSIBLY MOUNTING A DEVICE WAFER TO A CARRIER SUBSTRATE

(51) International classification	:H01L23/12
(31) Priority Document No	:61/023,379
(32) Priority Date	:24/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/031862
Filing Date	:23/01/2009
(87) International Publication No	:WO 2009/094558
	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)BREWER SCIENCE, INC.
Address of Applicant :2401 BREWER DRIVE, ROLLA,
MISSOURI 65401 U.S.A.
(72)**Name of Inventor :**
1)FLAIM, TONY D.
2)MCCUTCHEON, JEREMY

(57) Abstract :

New temporary bonding methods and articles formed from those methods are provided. The methods comprise bonding a device wafer to a carrier wafer or substrate only at their outer perimeters in order to assist in protecting the device wafer and its device sites during subsequent processing and handling. The edge bonds formed by this method are chemically and thermally resistant, but can also be softened, dissolved, or mechanically disrupted to allow the wafers to be easily separated with very low forces and at or near room temperature at the appropriate stage in the fabrication process.

No. of Pages : 34 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4193/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : A PHARMACEUTICAL COMPOSITION FOR TREATING IMMUNE DISEASES

(51) International classification	:A61K38/17
(31) Priority Document No	:11/242672
(32) Priority Date	:30/08/1999
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP00/05868
Filing Date	:30/08/2000
(87) International Publication No	:WO 2001/015732
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1098/CHENP/2007
Filed on	:30/08/2000

(71)Name of Applicant :

1)JAPAN TOBACCO, INC

Address of Applicant :2-1, TORANOMON 2-CHOME,
MINATO-KU, TOKYO 105-8422 Japan

(72)Name of Inventor :

1)ABE, RYO

2)TEZUKA, KATSUNARI

3)WATANABE, YOSHIHIRO

(57) Abstract :

This invention relates to a pharmaceutical composition comprising a substance having an activity in modulating signal transduction mediated by AILIM, and a pharmaceutically acceptable carrier, wherein the substance is DNA, RNA, or a chemically synthesized compound.

No. of Pages : 136 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4194/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : HEAT EXCHANGER

(51) International classification :F25B39/02
(31) Priority Document No :61/020,533
(32) Priority Date :11/01/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US09/030654
Filing Date :09/01/2009
(87) International Publication No :WO 2009/089488
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)JOHNSON CONTROLS TECHNOLOGY COMPANY

Address of Applicant :915 EAST 32ND STREET,
HOLLAND, MICHIGAN 49423 U.S.A.

(72)Name of Inventor :

1)DE LARMINAT, PAUL

2)SCHREIBER, JEB

3)KOHLER, JAY, A.

4)HANSEN, JOHN C

5)YANIK, MUSTAFA, KEMAL

6)MCQUADE, WILLIAM, F

7)KAUFFMAN, JUSTIN

8)POULSEN, SOREN BIERRE

9)WANG, LEE LI

10)KULANKARA, SATHEESH

(57) Abstract :

An heat exchanger (38) for use in a vapor compression system is disclosed and includes a shell (76), a first tube bundle (78), a hood (86) and a distributor (80). The first tube bundle (78) includes a plurality of tubes extending substantially horizontally in the shell (76), The hood (86) covers the first tube bundle (78). The distributor (80) is configured and positioned to distribute fluid onto at least one tube of the plurality of tubes.

No. of Pages : 60 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4170/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : BLOCK AND BLEED VALVE ASSEMBLY

(51) International classification	:F15B13/04
(31) Priority Document No	:12/013,964
(32) Priority Date	:14/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/030835
Filing Date	:13/01/2009
(87) International Publication No	:WO 2009/091725
	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)BLAC, INC.

Address of Applicant :195 SPANGLER,
ELMHURST,ILLINOIS 60126 U.S.A.

(72)Name of Inventor :

1)THOMPSON, DUNCAN M.

(57) Abstract :

A three-way valve includes a rotatable shaft positioned within a cylindrical, linear bore within a housing. A fluid pressure source is coupled via an input port to an inner end of the bore which includes a valve chamber. An output port coupled to a pressure-operated device is also disposed in the housing and is connected to the valve chamber, as is a drain port. Attached to the shaft's inner end is a first seal, while a second seal is attached to the shaft in closely spaced relation to the first seal. Rotational displacement of the shaft clockwise causes the first seal to seal off the source of fluid pressure from the valve chamber, while allowing for fluid discharge through the drain port. Rotational displacement of the shaft in a second, opposed direction connects the pressure-operated device to the pressure source via valve chamber and isolates valve chamber from drain port.

No. of Pages : 21 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4171/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : SPIRAL TYPE MEMBRANE ELEMENT, AND SPIRAL TYPE MEMBRANE FILTERING DEVICE HAVING THE SAME

(51) International classification	:B01D63/10
(31) Priority Document No	:2007-324906
(32) Priority Date	:17/12/2007
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP08/072880
Filing Date	:16/12/2008
(87) International Publication No	:WO 2009/078413
	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)NITTO DENKO CORPORATION

Address of Applicant :1-1-2,SHIMOHOSUMI,IBARAKI-SHI,OSAKA 567-8680. Japan

(72)Name of Inventor :

1)KONISHI TAKAHISA

2)MARUYAMA KOUJI

3)KOUNO TOSHIKI

4)HIRANO KEISUKE

5)OOTANI AKIRA

6)YOSHIKAWA HIROSHI

7)IKEYAMA NORIO

(57) Abstract :

Provided are a spiral type membrane element that can re-collect the electric power that is used in a good manner, and a spiral type membrane filtering device having the same. The spiral type membrane element comprises a power generating section (such as a coil (25)) that generates electric power by using a liquid, and an electric power outputting section (39) that outputs, either in a wired manner or in a wireless manner, the electric power supplied from said power generating section. The electric power that is generated in the power generating section using the liquid (raw water, permeated water, or concentrated water) can be output from the electric power outputting section (39) in a wired manner or in a wireless manner. Therefore, the electric power that is output from the aforesaid electric power outputting section (39) can be used in an electric component disposed outside or can be stored into a capacitor section disposed outside, so that the electric power that is used can be re-collected in a good manner.

No. of Pages : 44 No. of Claims : 7

(54) Title of the invention : CHANNEL ALLOCATION IN DECT TELECOMMUNICATION SYSTEMS

(51) International classification :H04W4/10
 (31) Priority Document No :0800037-4
 (32) Priority Date :07/01/2008
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE08/000655
 Filing Date :24/11/2008
 (87) International Publication No :WO 2009/088324
 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)3M SVENSKA AB

Address of Applicant :S-191 89 SOLLENTUNA, Sweden

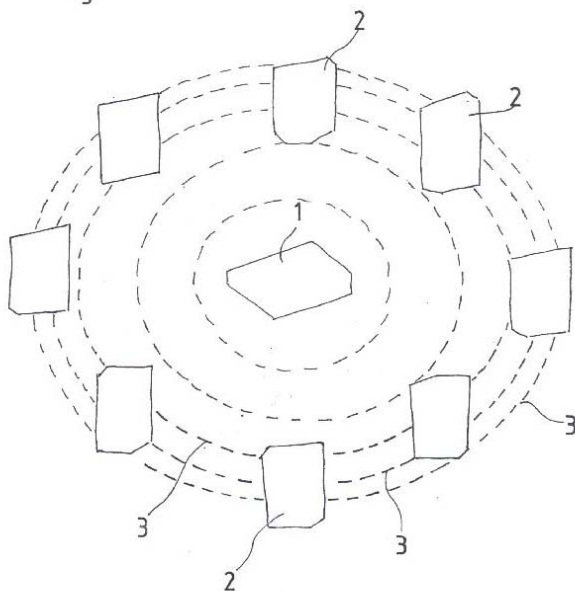
(72)Name of Inventor :

1)KIHLBERG ROGER

(57) Abstract :

A method for wireless digital radio communication is put into effect on a first number K of channels between a second number A of users. All A of the users are permitted to listen on one and the same listening channel. A limited number B of channels is used for outgoing speech communication. The communication on these channels is transmitted to all A users on the listening channel. A communication apparatus which utilises this method includes at least one stationary base unit (1) and at least A handsets (2). Fig. 1

Fig 1



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4173/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : SPIRAL TYPE MEMBRANE ELEMENT AND SPIRAL TYPE MEMBRANE FILTERING DEVICE HAVING THE MEMBRANE ELEMENT,AND MEMBRANE FILTERING DEVICE MANAGING SYSTEM AND MEMBRANE FILTERING DEVICE MANAGING METHOD USING THE DEVICE

(51) International classification :B01D63/10
(31) Priority Document No :2007-324900
(32) Priority Date :17/12/2007
(33) Name of priority country :Japan
(86) International Application No :PCT/JP08/072876
Filing Date :16/12/2008
(87) International Publication No :WO 2009/078411
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)NITTO DENKO CORPORATION

Address of Applicant :1-1-2,SHIMOHUZUMI,IBARAKI-SHI,OSAKA 567-8680. Japan

(72)Name of Inventor :

1)KONISHI TAKAHISA

2)MARUYAMA KOUJI

3)KOUNO TOSHIKI

4)HIRANO KEISUKE

5)OOTANI AKIRA

6)YOSHIKAWA HIROSHI

7)IKEYAMA NORIO

(57) Abstract :

Provided are a spiral type membrane element that can ensure a larger amount of electric power without performing a cumbersome work and a spiral type membrane filtering device having the element, as well as a membrane filtering device managing system and a membrane filtering device managing method using the device. The spiral type membrane element comprises a sensor (such as a flow rate sensor (32)) for detecting a property of liquid, a power generating section (such as a coil (25)) that generates electric power by using said liquid, and a wireless transmitting section (a communication section (36)) that receives the electric power supplied from said power generating section and wirelessly transmits a detection signal from said sensor. By generating electric power in the power generating section with use of the liquid (raw water, permeated water, or concentrated water) detected by the sensor, a larger amount of electric power can be ensured without performing a cumbersome work. The electric power from the power generating section is supplied at least to the wireless transmitting section, and the detection signal of the sensor is wirelessly transmitted from the wireless transmitting section.

No. of Pages : 68 No. of Claims : 10

(54) Title of the invention : METHOD FOR AIRCRAFT LANDING ASSISTANCE USING GPS AND MLS IN CASE OF CALCULATED AXIAL APPROACH

(51) International classification :G05D1/10
 (31) Priority Document No :07 09035
 (32) Priority Date :21/12/2007
 (33) Name of priority country :France
 (86) International Application No :PCT/EP08/068084
 Filing Date :19/12/2008
 (87) International Publication No :WO 2009/083507
 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)THALES

Address of Applicant :45, RUE DE VILLIERS, 92200
 NEUILLY SUR SEINE France

(72)Name of Inventor :

1)LUDOVIC BOUQUET

(57) Abstract :

The invention relates to a method for aiding aircraft landing using a GPS and an MLS within the context of a computed axial approach. According to the invention, the method uses coordinates of the azimuth antenna and/or of the elevation antenna as reference point for the computation of a position of the aircraft in a reference frame centered on the landing runway. This position of the aircraft is thereafter used to determine an angle of azimuth between a longitudinal axis of the landing runway and the aircraft. The method according to the invention makes it possible to simplify the computation of the position of the aircraft and the computation of the angle of azimuth. Fig. 4

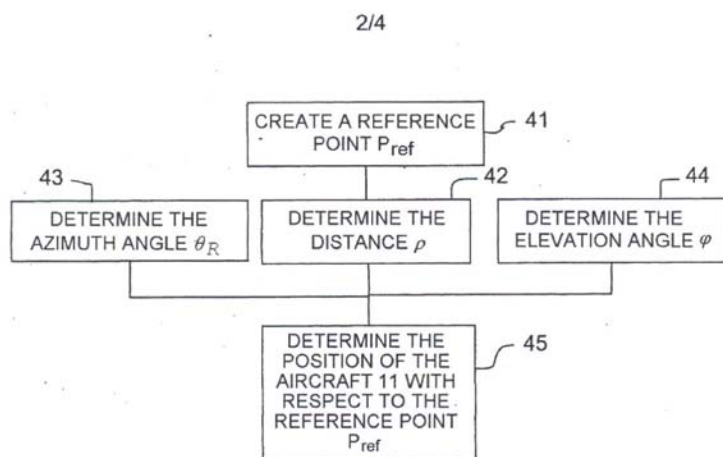


FIG.4

No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4196/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : BASEBAND-DERIVED RF DIGITAL PREDISTORTION

(51) International classification	:H03F1/32
(31) Priority Document No	:61/012,416
(32) Priority Date	:07/12/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2008/003944
Filing Date	:08/12/2008
(87) International Publication No	:WO 2009/109808
	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)DALI SYSTEMS CO. LTD

Address of Applicant :M&C CORPORATE SERVICES, P.O.
BOX 309GT, UGLAND HOUSE, GEORGE TOWN GRAND
CAYMAN Island

(72)Name of Inventor :

1)WAN JONG KIM

2)SHAWN PATRICK STAPLETON

(57) Abstract :

A wideband predistortion system for use with RF power amplifiers comprises a baseband input for receiving a baseband signal, an RF output for providing a signal to an RF power amplifier, logic for deriving a predistortion function from the baseband signal and generating a predistortion signal, and a vector modulator responsive to the predistortion function and connected to the RF output for applying the predistortion signal to the RF output.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4213/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD AND APPARATUS FOR SELECTIVE DATA ENCRYPTION

(51) International classification	:H04N7/16
(31) Priority Document No	:08300035.6
(32) Priority Date	:17/01/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/050521
Filing Date	:16/01/2009
(87) International Publication No	:WO 2009/090258 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)THOMSON LICENSING
Address of Applicant :1-5 RUE JEANNE D'ARC, 92130
ISSY LES MOULINEAUX. France
(72)**Name of Inventor :**
1)AYOUB MASSOUDI
2)FREDERIC LEFEBVRE
3)ALAIN DURAND

(57) Abstract :

A method of protecting audiovisual content organised in packets, the method comprising the steps of: encrypting (660) the non-encrypted packet with the highest distortion-to-rate ratio; and repeating the encryption step until a predetermined distortion for the audiovisual content is obtained.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4214/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : ACQUISITION OF TIMING INFORMATION IN WIRELESS COMMUNICATION SYSTEMS

(51) International classification :H04L27/26
(31) Priority Document No :12/022,975
(32) Priority Date :30/01/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/052816
Filing Date :01/02/2008
(87) International Publication No :WO 2009/096986 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)MARK S.WALLACE
2)JAY RODNEY WALTON
3)IRINA MEDVEDEV

(57) Abstract :

A method for identifying a reference point in time in a wireless communication system includes: receiving a first repeated sequence of symbols; receiving a second repeated sequence of symbols; performing an autocorrelation between the first and second sequences of symbols; and identifying as the reference point in time an autocorrelation null between the first and second repeated sequences of symbols. Apparatus for identifying a reference point in time in a wireless communication system includes: means for receiving a first repeated sequence of symbols; means for receiving a second repeated sequence of symbols; means for performing an autocorrelation between the first and second sequences of symbols; and means for identifying as the reference point in time an autocorrelation null between the first and second repeated sequences of symbols.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4217/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : THIOPHENE DERIVATIVES AS AGONISTS OF S1P1/EDG1

(51) International classification	:C07D413/04
(31) Priority Document No	:PCT/IB2007/054991
(32) Priority Date	:10/12/2007
(33) Name of priority country	:PCT
(86) International Application No	:PCT/IB08/055156
Filing Date	:09/12/2008
(87) International Publication No	:WO 2009/074950
	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)ACTELION PHARMACEUTICALS LTD.

Address of Applicant :GEWERBESTRASSE 16, CH-4123
ALLSCHWIL, Switzerland

(72)Name of Inventor :

1)BOLLI, MARTIN

2)LESCOP, CYRILLE

3)MATHYS, BORIS

4)MUELLER, CLAUS

5)NAYLER, OLIVER

6)STEINER, BEAT

(57) Abstract :

The invention relates to novel thiophene derivatives, their preparation and their use as pharmaceutically active compounds. Said compounds particularly act as immunomodulating agents.

No. of Pages : 123 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4218/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR THE TREATMENT OF WATER USING CHLORINE DIOXIDE

(51) International classification :C02F1/76
(31) Priority Document No :10 2007 061 360.3
(32) Priority Date :19/12/2007
(33) Name of priority country :Germany
(86) International Application No :PCT/EP08/066428
Filing Date :28/11/2008
(87) International Publication No :WO 2009/077309
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)INFRACOR GMBH
Address of Applicant :PAUL-BAUMANN-STRASSE 1,
45772 MARL. Germany
(72)Name of Inventor :
1)DUVE, HANS

(57) Abstract :

The invention relates to a method for the treatment of water using chlorine dioxide (C102), wherein the reaction chamber, in which the C102 is created, is completely surrounded by the water to be treated. The C102 created in the reaction chamber is directly added to the water to be treated from the reaction chamber. The conductivity value in the solution exiting the reaction chamber can be measured. Preferably the C102 is created from sodium chlorite using hydrochloric acid

No. of Pages : 27 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4174/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : ω -AMINO CARBOXYLIC ACIDS, ω -AMINO CARBOXYLIC ACID ESTERS, OR RECOMBINANT CELLS WHICH PRODUCE LACTAMS THEREOF

		(71)Name of Applicant : 1)EVONIK DEGUSSA GMBH Address of Applicant :RELLINGHAUSER STRASSE 1-11, 45128 ESSEN Germany
(51) International classification	:C12N15/09	(72)Name of Inventor :
(31) Priority Document No	:102007060705.0	1)KARAU, ANDREAS
(32) Priority Date	:17/12/2007	2)SIEBER, VOLKER
(33) Name of priority country	:Germany	3)HAAS, THOMAS
(86) International Application No	:PCT/EP08/067447	4)HAGER, HARALD
Filing Date	:12/12/2008	5)GRAMMANN, KATRIN
(87) International Publication No	:WO 2009/077461	6)BUHLER, BRUNO
	A1	7)BLANK, LARS
(61) Patent of Addition to Application Number	:NA	8)SCHMID, ANDREAS
Filing Date	:NA	9)JACH, GUIDO
(62) Divisional to Application Number	:NA	10)LALLA, BERND
Filing Date	:NA	11)MULLER, ANDREAS
		12)SCHULLEHNER, KATRIN
		13)WELTERS, PETER
		14)EGGERT, THORSTEN
		15)WECKBECKER, ANDREA

(57) Abstract :

The present invention relates to a cell, which has been genetically modified relative to its wild type, so that in comparison with its wild type it is able to produce more ω -aminocarboxylic acids or more lactams derived from ω -aminocarboxylic acids, starting from carboxylic acids or carboxylic acid esters. Furthermore, the present invention relates to a method for the production of a genetically modified cell, the cells obtainable by this method, a method for the production of ω -aminocarboxylic acids or of lactams derived from ω -aminocarboxylic acids, the ω -aminocarboxylic acids, or lactams derived from ω -aminocarboxylic acids obtainable by this method, a method for the production of polyamides based on lactams and the polyamides obtainable by this method.

No. of Pages : 68 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4224/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : NOVEL PIPERIDINE-4-CARBOXYLIC ACID PHENYL-ALKYL-AMIDE DERIVATIVES AND THEIR USE AS MONOAMINE NEUROTRANSMITTER RE-UPTAKE INHIBITORS

(51) International classification :C07D211/62
(31) Priority Document No :PA 2008 00056
(32) Priority Date :15/01/2008
(33) Name of priority country :Denmark
(86) International Application No :PCT/EP09/050328
Filing Date :14/01/2009
(87) International Publication No :WO 2009/090173
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)NEUROSEARCH A/S
Address of Applicant :PEDERSTRUPVEJ 93, DK-2750
BALLERUP, Denmark
(72)Name of Inventor :
1)PETERS, DAN
2)REDROBE, JOHN, PAUL
3)NIELSEN, ELSEBET, OSTERGAARD

(57) Abstract :

This invention relates to novel piperidine-4-carboxylic acid phenyl-alkyl-amide derivatives useful as monoamine neurotransmitter re-uptake inhibitors. In other aspects the invention relates to the use of these compounds in a method for therapy and to pharmaceutical compositions comprising the compounds of the invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4225/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR SETTING THE SECONDARY COOLING DURING THE CONTINUOUS CASTING OF STEEL

(51) International classification	:B22D11/16	(71)Name of Applicant :
(31) Priority Document No	:10 2008 003 869.5	1)SMS SIEMAG AKTIENGESELLSCHAFT
(32) Priority Date	:08/01/2008	Address of Applicant :EDUARD-SCHLOEMANN-STRASSE
(33) Name of priority country	:Germany	4, 40237 DUSSELDORF. Germany
(86) International Application No	:PCT/DE08/002098	(72)Name of Inventor :
Filing Date	:11/12/2008	1)FRIEDRICH, JURGEN
(87) International Publication No	:WO 2009/086801	2)LETZEL, DIRK
	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for setting the secondary cooling during the continuous casting of steel, wherein at a distance from the casting die a straightening unit is provided, with which the cast strand is transferred to the horizontal position and cooling is performed by spray nozzles directed at the strand, using water or a water/air mixture, and the cooling concept is carried out while observing the ductility minimum of the respective steel grade. In order to achieve an optimization in productivity, in conjunction with an increase in quality, it is provided that the cooling in a first section, which extends from the casting die to the straightening unit, is performed above the ductility minimum of the respective steel grade in a hot operation, and in a second section, which extends from the straightening unit to the complete solidification of the strand, is performed at a cooling rate that is above the cooling rate for the cold operation, but below that of the hot operation.

No. of Pages : 8 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4226/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : SMOKING ARTICLE

(51) International classification	:A24D3/04
(31) Priority Document No	:0800216.4
(32) Priority Date	:07/01/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP08/067954
Filing Date	:18/12/2008
(87) International Publication No	:WO 2009/087042
	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)BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED

Address of Applicant :GLOBE HOUSE, 1 WATER STREET,
LONDON WC2R 3LA. U.K.

(72)Name of Inventor :

1)FIEBELKORN, RICHARD

(57) Abstract :

A smoking article (10) has a filter (20) located at one end, the filter comprising at least first, second and third sections (34, 41, 51) disposed in succession along a cylindrical axis of the smoking article. Each of the first (31) and third (51) sections includes at least one tube (35, 55) running the length of the respective section, substantially parallel to the cylindrical axis of the smoking article. The second section (41) comprises material of substantially higher filtration efficiency than the tubes (35, 55) of the first and third section. Ventilation (43) may be provided around the circumference of the filter in one or more zones.

No. of Pages : 19 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4227/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : PRESSURE COMPENSATION DEVICE

(51) International classification :G01L9/00
(31) Priority Document No :102008004358.3
(32) Priority Date :15/01/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP08/066549
Filing Date :01/12/2008
(87) International Publication No :WO 2009/089959
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)ROBERT BOSCH GMBH
Address of Applicant :POSTFACH 30 02 20, 70442
STUTTGART. Germany
(72)Name of Inventor :
1)ESLAMI, REZA
2)HABIBI, MASOUD
3)OTT, MARCELL
4)FESSELE, THOMAS

(57) Abstract :

The invention is with reference to a pressure compensating device (10), especially for a tank pressure sensor in a tank of a motor vehicle. The pressure compensating device (10) comprises a casing cover (12, 50) and a gas permeable filter membrane (26, 64) that covers an air vent (24, 60). The pressure compensating device (10) comprises a cap-shaped covering element (28, 60) that covers the filter membrane (26, 64).

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

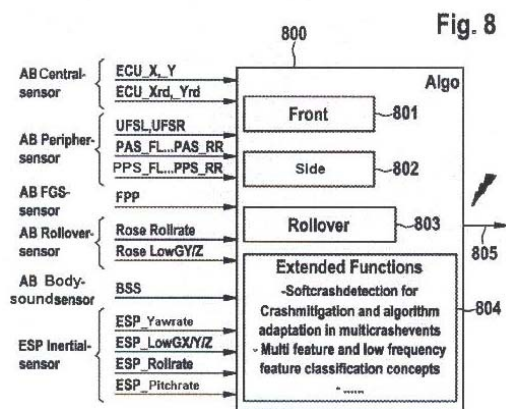
(54) Title of the invention : METHOD AND DEVICE FOR CONTROLLING SECURITY UNIT FOR VEHICLE

(51) International classification :B60R21/01
 (31) Priority Document No :10 2007 059 414.5
 (32) Priority Date :10/12/2007
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2008/064331
 Filing Date :23/10/2008
 (87) International Publication No :WO 2009/074391
 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)ROBERT BOSCH GMBH
 Address of Applicant :POSTFACH 30 02 20, STUTTGART
 70442. Germany
 (72)Name of Inventor :
1)BECKER, JENS
2)LICH, THOMAS
3)DOERR, ALFONS
4)KOLATSCHEK, JOSEF
5)HIEMER, MARCUS

(57) Abstract :

The present subject matter relates to a method for controlling at least one passenger security unit (PS, ABS, ESP, LW) for a vehicle (VH). The method comprises generation of at least one yaw acceleration signal ($\dot{\omega}_z$) by means of a sensor. The at least one yaw acceleration signal ($\dot{\omega}_z$) is scanned with a scanning time of less than 10 milliseconds. Based on the at least one yaw acceleration signal ($\dot{\omega}_z$), a control signal (AS) is generated. The present subject matter further relates to a device for executing the method. Fig.8



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4190/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :06/07/2010

(43) Publication Date : 07/01/2011

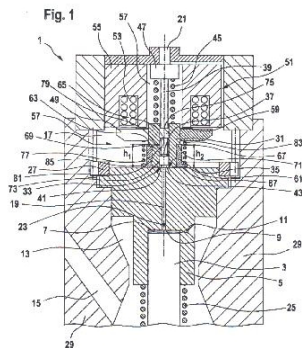
(54) Title of the invention : ON-OFF VALVE FOR INJECTORS

(51) International classification :F02M47/02
(31) Priority Document No :10 2007 059 265.7
(32) Priority Date :10/12/2007
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2008/065591
Filing Date :14/11/2008
(87) International Publication No :WO 2009/074426
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)ROBERT BOSCH GMBH
Address of Applicant :POSTFACH 30 02 20, STUTTGART
70442 Germany
(72)Name of Inventor :
1)BURGER, MATTHIAS
2)MAGEL, HANS-CHRISTOPH

(57) Abstract :

The present subject matter relates to an on-off valve (17), particularly for fuel injectors (1). The on-off valve (17) includes a closing element (31), which is actuated by a magnetic actuator. The magnetic actuator includes a magnet subassembly (51) and an armature (49). The on-off valve (17) also further includes a control chamber (9), in which pressure is relieved for actuating an injection valve member (3). According to the present subject matter, the closing element (31) is connected to a stopping element, in such a way that the stopping element and the closing element (31) enclose a damping chamber (71). Further, the damping chamber (71) is filled with a fluid. Furthermore, during a movement of the closing element (31), the amount of fluid in the damping chamber (71) remains substantially constant, such that the closing element (31) and the stopping element move jointly. Fig.1



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

(54) Title of the invention : APPARATUS WITH FLEXIBLY MOUNTED SPUD CARRIAGE

(51) International classification :E02F 9/06
 (31) Priority Document No :2005/0293
 (32) Priority Date :06/06/2005
 (33) Name of priority country :Belgium
 (86) International Application No :PCT/BE06/00064
 Filing Date :02/06/2006
 (87) International Publication No :WO/2006/130934
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :62/CHENP/2008
 Filed on :02/06/2006

(71)Name of Applicant :

1)DREDGING INTERNATIONAL N.V.Address of Applicant :SCHELDEDIJK 30, HAVEN 1025,
2070 ZWIJNDRECHT Belgium

(72)Name of Inventor :

1)CLYMANS, ETIENNE

(57) Abstract :

The invention relates to an apparatus for accommodating a substantially vertical spud of a dredging vessel with a longitudinal direction. The apparatus comprises a spud carriage with two slide shoes for guiding the spud carriage over two longitudinal beams, wherein the spud carriage is mounted for limited rotation around a horizontal longitudinal axis (80), and is characterized in that each slide shoe (20) is fixedly connected to a bush (21) in which a transverse shaft part (18) connected to the spud carriage is received in each case with a determined vertical play. The apparatus is able to better absorb forces. The invention also relates to a cutter suction dredger comprising the apparatus.(Fig 3)

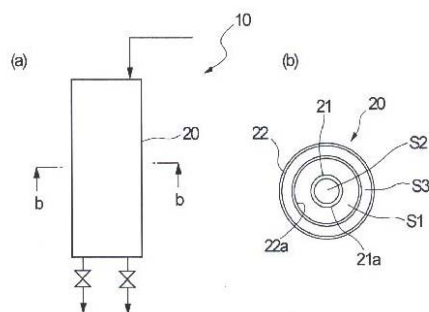


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4240/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :08/07/2010

(43) Publication Date : 07/01/2011

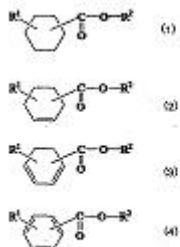
(54) Title of the invention : HIGH DIELECTRIC CONSTANT PASTE COMPOSITION AND DIELECTRIC COMPOSITION USING THE SAME

(51) International classification :H01B3/00
(31) Priority Document No :2008-008798
(32) Priority Date :18/01/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/050332
Filing Date :14/01/2009
(87) International Publication No :WO 2009/090943
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)SHIMBA, YOICHI
2)HARA, YOSHITAKE
3)MIZUGUCHI, TSUKURU
4)NONAKA, TOSHIHISA

(57) Abstract :

The present invention relates to a high dielectric constant paste composition comprising (A) inorganic particles having a perovskite crystal structure or a complex perovskite crystal structure, (B) a compound represented by any one of the general formulas (1) to (4) shown below, and (C) an organic solvent. The present invention provides a high dielectric constant paste composition for producing a high dielectric constant dielectric composition which has high insulation reliability and exhibits satisfactory resistance in a high-temperature high-humidity bias test.



No. of Pages : 95 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4241/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :08/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : GARMENT WITH ALTERED STRESS PROFILE

(51) International classification	:A41C3/12
(31) Priority Document No	:61/021,241
(32) Priority Date	:15/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/031042
Filing Date	:15/01/2009
(87) International Publication No	:WO 2009/091853
	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)INVISTA TECHNOLOGIES S.A.R.L.,

Address of Applicant :ZWEIGNIEDERLASSUNG ST.
GALLEN, PESTALOZZISTRASSE 2, 9000 ST. GALLEN.
Switzerland

(72)Name of Inventor :

1)FARMER, DOUGLAS, K.

2)COVELLI, CARMEN. A.

(57) Abstract :

Included are articles such as garments including polymer film compositions to alter the stress profile of the garment which is exhibited during wear of the garment. The polymer film may be bonded to the fabric to provide a fabric/film laminate.

No. of Pages : 48 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4166/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : COATED PHARMACEUTICAL OR NUTRACEUTICAL PREPARATION WITH ENHANCED PULSED ACTIVE SUBSTANCE RELEASE

(51) International classification :A61K9/20
(31) Priority Document No :96/CHE/2008
(32) Priority Date :10/01/2008
(33) Name of priority country :India
(86) International Application No :PCT/EP08/051238
Filing Date :01/02/2008
(87) International Publication No :WO 2009/086941
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)EVONIK ROHM GMBH
Address of Applicant :KIRSCHENALLEE, 64293
DARMSTADT Germany
(72)Name of Inventor :
1)RAVISHANKAR, HEMA
2)BODINGE, SHRADDA
3)PETEREIT, HANS UIRICH

(57) Abstract :

The present invention relates to a pharmaceutical or nutraceutical preparation comprising a) a core containing a pharmaceutically or nutraceutically active substance and a substance that acts in a modulatory manner with regard of the release of pharmaceutically or nutraceutically active substances ; and b) a controlling layer surrounding the core comprising i) 55 to 92 % by weight based on the total weight of (meth)acrylic copolymers present in the layer of one or a mixture of a plurality of (meth)acrylate copolymers composed of 80 to 98 % by weight based on the weight of the (meth)acrylic copolymer of structural units derived from C1 to C4 alkyl esters of (meth)acrylic acid and 2 to 20 % by weight based on the weight of the (meth)acrylic copolymer of structural units derived from (meth)acrylate monomers with a quaternary ammonium group in the alkyl radical; and ii) 8 to 45 % by weight based on the total weight of (meth)acrylic copolymers present in the layer of one or a mixture of a plurality of (meth)acrylate copolymers composed of more than 5 to 59% by weight based on the weight of the copolymer of structural units derived from acrylic acid or methacrylic acid and to tablets or capsules comprising same.

No. of Pages : 40 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4167/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : GLYCOSYLATED PROTEIN EXPRESSION IN PROKARYOTES

(51) International classification :C12Q1/70
(31) Priority Document No :61/018,772
(32) Priority Date :03/01/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US09/030110
Filing Date :05/01/2009
(87) International Publication No :WO 2009/089154
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)CORNELL RESEARCH FOUNDATION INC

Address of Applicant :CORNELL CENTER FOR
TECHNOLOGY,ENTERPRISE &
COMMERCIALIZATION,395 PINE TREE ROAD,SUITE
310,ITHACA,NY 14850. U.S.A.

(72)Name of Inventor :

1)DELISA ,MATTHEW

2)GUARINO, CASSANDRA

3)MANSELL, THOMAS

4)FISHER, ADAM

(57) Abstract :

The present invention relates to a prokaryotic host cell comprising eukaryotic glycosyltransferase activity, where the eukaryotic glycosyltransferase activity is eukaryotic dolichyl-linked UDP-GlcNAc transferase activity and eukaryotic mannosyltransferase activity. Also disclosed is a method of producing a glycosylated protein by providing a prokaryotic host cell comprising the eukaryotic glycosyltransferase activity and culturing the prokaryotic host cell under conditions effective to produce a glycosylated protein. Another aspect of the present invention pertains to a method for screening bacteria or bacteriophages by expressing one or more glycans on the surface of a bacteria, attaching a label on the one or more glycans on the surface of the bacteria or on the surface of a bacteriophage derived from the bacteria, and analyzing the label in a high-throughput format. A glycosylated antibody comprising an Fv portion which recognizes and binds to a native antigen and an Fc portion which is glycosylated at a conserved asparagine residue is also disclosed.

No. of Pages : 106 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4169/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :05/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : LIGANDS FOR TRANSITION-METAL-CATALYZED CROSS-COUPPLINGS, AND METHODS OF USE THEREOF

(51) International classification	:C07F9/02
(31) Priority Document No	:61/013,174
(32) Priority Date	:12/12/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US08/086651
Filing Date	:12/12/2008
(87) International Publication No	:WO 2009/076622
	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)MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Address of Applicant :77 MASSACHUSETTS
AVENUE,CAMBRIDGE,MA 02139. U.S.A.
(72)**Name of Inventor :**
1)BUCHWALD STEPHEN,L.
2)FORS BRETT P
3)SURRY DAVID S

(57) Abstract :

Ligands for transition metals are disclosed herein, which may be used in various transition-metal-catalyzed carbon-heteroatom and carbon-carbon bond-forming reactions. The disclosed methods provide improvements in many features of the transition-metal-catalyzed reactions, including the range of suitable substrates, number of catalyst turnovers, reaction conditions, and efficiency. For example, improvements have been realized in transition-metal-catalyzed cross-coupling reactions.

No. of Pages : 194 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4245/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :08/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR CONTROLLING THE REGISTER BETWEEN A PRINTED PATTERN AND A THREE-DIMENSIONAL PATTERN ON A PACKAGING MATERIAL

(51) International classification	:G01N21/956
(31) Priority Document No	:0800154-7
(32) Priority Date	:23/01/2008
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE08/000710
Filing Date	:17/12/2008
(87) International Publication No	:WO 2009/093936
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TETRA LAVAL HOLDINGS & FINANCE S.A.

Address of Applicant :AVENUE GENERAL-GUISAN 70,
CH-1009 PULLY. Switzerland

(72)Name of Inventor :

1)PALM, LARS

2)BENKOE, GABOR

3)HUNGARIAN, DAHL, MAGNUS

(57) Abstract :

The present invention relates to a method and an apparatus for controlling the register between print and three- dimensional structures, such as creases (2) in the forming of a package. The present invention also relates to use of the method and/or the apparatus for controlling a unit for repeated cutting-out or perforation of a material web (1) from which the packages are formed. In the control, a focused, high intensive light beam, such as a laser line, (4) is laid in a bisecting direction to relevant creases (2). The position of the crease (2) or the creases (2) is determined by sensing of a deflection of the projected laser line (4). Diffuse light from the laser line (4) may be used in order to register the position of a register marking (3). If the difference between the register marking (3) and crease (2) differs more than a predetermined value, the creasing tool and/or printing press is automatically adjusted.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4219/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : GLYCEROL-BASED PRODUCT, PROCESS FOR OBTAINING SAME AND USE THEREOF IN THE MANUFACTURE OF DICHLOROPROPANOL

(51) International classification	:C07C29/62
(31) Priority Document No	:0759891
(32) Priority Date	:17/12/2007
(33) Name of priority country	:France
(86) International Application No	:PCT/EP08/067624
Filing Date	:16/12/2008
(87) International Publication No	:WO 2009/077528
	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)SOLVAY (SOCIETE ANONYME)
Address of Applicant :RUE DU PRINCE ALBERT, 33, B-1050 BRUSSELS. Belgium
(72)**Name of Inventor :**
1)GILBEAU, PATRICK
2)BALTHASART, DOMINIQUE

(57) Abstract :

The invention relates to a glycerol-based product comprising at least one nitrogen-containing compound and of which the total content of nitrogen-containing compound expressed as elemental nitrogen (N) is less than or equal to 1 g of nitrogen (N)/kg of product, to a process for obtaining glycerol, and to its use in the manufacture of dichloropropanol and of derived products such as epichlorohydrin and products derived from epichlorohydrin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4220/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : LOCKING SYSTEM FOR A LIFT DOOR

(51) International classification	:B66B13/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US07/025783
Filing Date	:18/12/2007
(87) International Publication No	:WO 2009/078837
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INVENTIO AG

Address of Applicant :SEESTRASSE 55, CH-6052
HERGISWIL. Switzerland

(72)Name of Inventor :

1)UMBAUGH, BARRY, K.

(57) Abstract :

A locking system for a lift door, in particular a car door (5) of a lift car (1) and/or a shaft door, comprises a locking device which in an unlocked state enables opening of the lift door, and in a locked state restricts, in particular prevents opening of the lift door; a reference element (18); a counter element (15.1; 152) which interacts with the reference element (18), in particular mechanically, electrically, magnetically, acoustically and/or optically, in a prescribed measure when the lift car (1) is located in a permissible position relative to a shaft door; a sensor (20) for outputting a preferably electrical signal when the reference element and the counter element (15.1; 152) are interacting with one another; and a control device for transferring the locking device from the locked state into the unlocked state as a function of the signal the reference element (18) preferably being arranged on the shaft door.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4221/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : SHEATHED GLOW PLUG

(51) International classification	:F23Q7/22
(31) Priority Document No	:61/014,122
(32) Priority Date	:17/12/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US08/087071
Filing Date	:17/12/2008
(87) International Publication No	:WO 2009/079530
	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)HOFFMAN, JOHN
2)GORETTI, SANDRO
3)RENA, CAMILLO
4)WALKER, WILLIAM
5)CINO, MARCELLO

(57) Abstract :

A glow plug which includes an annular metal shell, thermally conductive tubular sheath, central electrode; resistance heating element, and electricity insulating, thermally conductive powder includes a glass seal in sealing engagement with the sheath and the electrode to form a sealed cavity within the sheath, The glass seal may include silicate, borate and borosilicate glasses, and may include one or more transition metal oxides, such as oxides of chromium, cobalt, nickel, iron and copper. The glass may also include a tiller, including a ceramic oxide, such as one selected from a group consisting of quartz, enigmatites, leucites, cordierites, beta-spodumene, glass-ceramics, low-expansion glass (CTE-5ppm/C), mullite, zircon, zirconia and alumina. The sealed cavity may house a protective inert gas. The resistance heating element may be formed from a metal selected from a group consisting of tungsten, molybdenum or alloys containing tungsten, molybdenum, nickel, iron, tantalum, niobium, titanium, vanadium, osmium and chromium

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4222/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR FORWARDING PACKETS A RELATED PACKET FORWARDING SYSTEM, A RELATED CLASSIFICATION DEVICE AND A RELATED POPULARITY MONITORING DEVICE

(51) International classification	:H04L12/56
(31) Priority Document No	:07291545.7
(32) Priority Date	:17/12/2007
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP08/010524
Filing Date	:05/12/2008
(87) International Publication No	:WO 2009/077121 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)HEIKENS, HEICO

(57) Abstract :

The present invention relates to a method and related system and related devices for forwarding packets of a plurality of multimedia streams where the packets of the plurality of multimedia endpoints over a Communications network, where the method comprises a step of classifying the packets of the plurality of multimedia streams based on the usage of each of the multimedia streams.

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

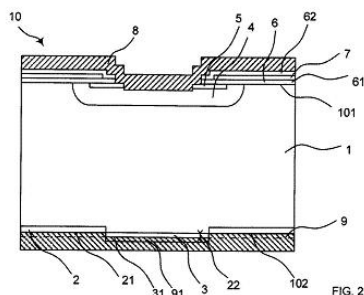
(54) Title of the invention : REVERSE-CONDUCTING INSULATED GATE BIPOLAR TRANSISTOR AND METHOD FOR MANUFACTURING A REVERSE-CONDUCTING INSULATED GATE BIPOLAR TRANSISTOR

(51) International classification :H01L29/739
 (31) Priority Document No :07150165.4
 (32) Priority Date :19/12/2007
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP08/067848
 Filing Date :18/12/2008
 (87) International Publication No :WO 2009/077583 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)ABB TECHNOLOGY AG
 Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH, Switzerland
 (72)Name of Inventor :
1)RAHIMO, MUNAF
2)JANISCH, WOLFGANG
3)FAGGIANO, EUSTACHIO

(57) Abstract :

For a method for manufacturing a reverse-conducting semiconductor device, also called reverse-conducting insulated gate bipolar transistor (RC-IGBT) (10) with a seventh layer (7, 7) formed as a gate electrode and a first electrical contact (8) on a emitter side (101) and a second electrical contact (9) on a collector side (102), which is opposite the emitter side (101), a wafer (11) of a first conductivity type with a first side (111) and a second side (112) opposite the first side (111) is provided. For the manufacturing of the RC-IGBT (10) on the collector side (112) the following steps are performed: - at least one third layer (3) of a first or second conductivity type or a first layer (32), which is of the same conductivity type as the third layer (3) and which is a continuous layer, is created on the second side (112) before at least one second layer (2) of a different conductivity type than the third layer (3) is created on the second side (112), the at least one second and third layers (2, 3) being arranged alternately in the finalized RC-IGBT, - afterwards a second electrical contact (9), which is in direct electrical contact to the at least one second and third layer (2, 3), is created on the second side (112), whereby - a shadow mask (12) is applied on the second side (112) and afterwards the at least one third layer (3) is created through the shadow mask (12) or a first layer (32) is created on the second side (112), afterwards a shadow mask (12) is applied on the first layer (32) and at least one electrically conductive island (91), which is part of a second electrical contact (9) in the finalized reverse-conducting insulated gate bipolar transistor, is created through the shadow mask (12), the at least one electrically conductive island (91) is used as a mask for the creation of the at least one second layer (2) and those parts of the first layer (32), which are covered by an electrically conductive island (91) form the at least one third layer (3). (FIG. 2)



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4246/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :08/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : SUBSTITUTED 4-{3-[6-AMINO-9-(3,4-DIHYDROXY-TETRAHYDRO-FURAN-2-YL)-9H-PURIN-2-YL]-PROP-2-YNYL}-PIPERIDINE-1-CARBOXYLIC ACID ESTERS AS A2AR AGONISTS

(51) International classification	:C07H19/167
(31) Priority Document No	:61/015,303
(32) Priority Date	:20/12/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/087875
Filing Date	:20/12/2008
(87) International Publication No	:WO 2009/082720 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)PGXHEALTH, LLC
Address of Applicant :ONE GATEWAY CENTER, SUITE 702,NEWTON, MA 02458. U.S.A.
(72)**Name of Inventor :**
1)THOMPSON, ROBERT
2)BEAUGLEHOLE, ANTHONY
3)SCHMIDTMANN, FRANK
4)RIEGER, JAYSON

(57) Abstract :

The present invention provides substituted 4-{3-[6-amino-9-(3,4-dihydroxy-tetrahydro-furan-2-yl)-9H-purin-2-yl]-prop-2-ynyl}-piperidine-1-carboxylic acid esters and pharmaceutical compositions containing the same that are selective agonists of A1A adenosine receptors (ARs). These compounds and compositions are useful as pharmaceutical agents.

No. of Pages : 65 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4247/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :08/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PROCESS FOR PREPARING NITRILE COMPOUNDS

(51) International classification :C01C3/02
(31) Priority Document No :08 00255
(32) Priority Date :18/01/2008
(33) Name of priority country :France
(86) International Application No :PCT/EP2009/050253
Filing Date :12/01/2009
(87) International Publication No :WO 2009/092637
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)CENTRE NATIONAL DE LA RECHERCHE
SCIENTIFIQUE**
Address of Applicant :3, RUE MICHEL-ANGE, F-75794
PARIS CEDEX 16. France
2)RHODIA OPERATIONS
(72)Name of Inventor :
1)MARION, PHILIPPE
2)HYNAUX, AMELIE
3)LAURENTI, DOROTHEE
4)GEANTET, CHRISTOPHE

(57) Abstract :

The present invention relates to a process for preparing hydrocarbon compounds containing at least one nitrile function. It relates more particularly to a process for preparing nitrile compounds by hydrocyanation of compounds containing at least one ethylenic unsaturation. According to the invention this process comprises a step of hydrodenitrogenation treatment of the unexploitable by-products containing at least one nitrile function, such as methylglutaronitrile, to convert them to ammonia and exploitable hydrocarbon compounds.

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

(54) Title of the invention : CONTROL OF OPERATION OF PROTECTION RELAY

(51) International classification :H02H3/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/FI07/050716
 Filing Date :20/12/2007
 (87) International Publication No :WO 2009/080865
 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)ABB TECHNOLOGY AG
 Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
 ZURICH, Switzerland
 (72)Name of Inventor :
1)YLINEN, JUHA
2)VANHALA, KARI

(57) Abstract :

A protection relay, comprising means for inputting an input characteristic quantity, means for determining a triggering condition for the protection relay using a calculation equation, which is configured to increase when the input characteristic quantity exceeds a first threshold value, and decrease when the input characteristic quantity undershoots a second threshold value for an over function measure, and the calculation equation is configured to increase when the input characteristic quantity undershoots a first threshold value, and decrease when the input characteristic quantity exceeds a second threshold value for an under function measure. (Figure 4)

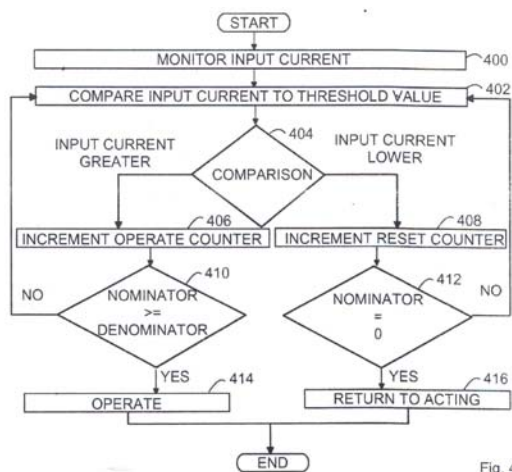


Fig. 4

No. of Pages : 28 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4249/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :08/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : CIRCUIT FOR RESETTING AN ELEVATOR SAFETY CHAIN

(51) International classification	:B66B13/22
(31) Priority Document No	:07124046.9
(32) Priority Date	:21/12/2007
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP08/067532
Filing Date	:15/12/2008
(87) International Publication No	:WO 2009/080585 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INVENTIO AG

Address of Applicant :SEESTRASSE 55, CH-6052
HERGISWIL. Switzerland

(72)Name of Inventor :

1)LINDBERG, BJARNE

(57) Abstract :

A circuit (34) for resetting a component (21) within an elevator safety chain (23). The reset circuit (24) comprises a first reset switch (31), a second reset switch (32) and a door contact (33). The first reset switch is mountable within an elevator shaft (2) and the second reset switch (32) is mountable outside the elevator. Preferably, the second reset switch (32) is hidden from members of the general public but is accessible to an elevator technician. The door contact (33) is mountable alongside the landing door (13). The first reset switch (31), the second reset switch (32) and the door contact (33) are arranged in series so that all must be closed to reset the component (21) whereby, upon activation, the first reset switch (31) remains closed for a first predetermined time period (Δt_1) after which it returns to its open state.

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

(54) Title of the invention : DUAL PURPOSE MIXER TAP

(51) International classification :F16K11/078
 (31) Priority Document No :08/50087
 (32) Priority Date :08/01/2008
 (33) Name of priority country :France
 (86) International Application No :PCT/FR09/000007
 Filing Date :07/01/2009
 (87) International Publication No :WO 2009/112661
 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 :

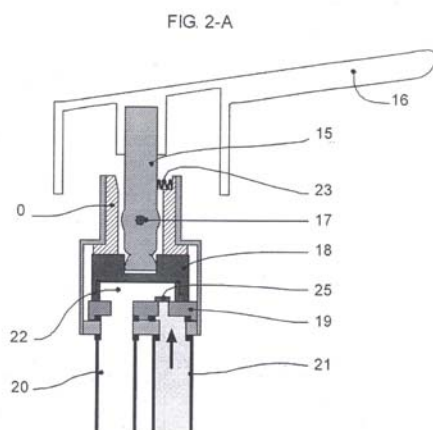
1)CAPITAL INNOVATION (SARL)Address of Applicant :10 RUE BLANQUI, F-93406 ST
OUEN CEDEX. France

(72)Name of Inventor :

1)CORBIN, JEAN-YVES**2)D'ESTAIS, MATHIAS**

(57) Abstract :

The present invention relates to a mixer tap for discharging a mixture of liquids, comprising a moving plate mixing system (18) provided with a mixing channel (22), moving in translation on a fixed plate (19) provided with orifices for the inlet of liquids and the outlet of the mixture of said liquids after passing through the mixing channel, characterised in that it comprises a lever (15) angularly orientable in a plane between an angular minimum and a maximum, to vary the flow of the mixture, the lever being capable of pivoting, at constant angular orientation, around one direction of the plane, forming an axis of rotation for a moving cylinder (0) in a fixed tap body, the cylinder being linked to the lever in this movement, to vary the liquid content of the mixture, in that it comprises first means of discharging the mixture, by orienting the lever on one side of a stop position, on the one hand, and stopping the flow of mixture by orienting the lever in a vicinity of the stop position, on the other hand, in that it comprises second means of discharging the mixture by orienting the lever on the other side of the stop position, under the effect of pressure by a user, and in that it comprises a dynamic stop felt by the user when the lever passes through the stop position. Figure 2-A



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4253/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :08/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : DECODING SCHEME USING MULTIPLE HYPOTHESES ABOUT TRANSMITTED MESSAGES

(51) International classification

:H04L1/00

(31) Priority Document No

:11/969,857

(32) Priority Date

:04/01/2008

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2008/070380

Filing Date

:17/07/2008

(87) International Publication No

:WO 2009/088534 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)JONG HYEON PARK

2)BOK TAE SIM

3)JE WOO KIM

4)SERGUEI A. GLAZKO

5)SAMEER NANAVATI

6)JU WON PARK

7)CHUN WOO LEE

8)TAE RYUN CHANG

(57) Abstract :

A method and apparatus for decoding encoded data bits of a wireless communication transmission are provided. A set of a-priori bit values corresponding to known bit values of the encoded data bits may be generated. Decoding paths that correspond to decoded data bits that are inconsistent with the a-priori bit values may be removed from the possible decoding paths to consider, and decoding the encoded data bits by selecting a decoding path from remaining decoding paths of the possible decoding paths that were not removed. Multiple hypotheses, each corresponding to a different set of a-priori bit values may be evaluated, with the decoded data for a hypothesis selected based on the evaluation output for further processing.

No. of Pages : 53 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4254/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :08/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : COPY-PROTECTED SOFTWARE CARTRIDGE

(51) International classification	:G06F21/22
(31) Priority Document No	:08300069.5
(32) Priority Date	:01/02/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/051098
Filing Date	:30/01/2009
(87) International Publication No	:WO 2009/095493 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)THOMSON LICENSING

Address of Applicant :1-5 RUE JEANNE D'ARC, 92130
ISSY LES MOULINEAUX. France

(72)Name of Inventor :

1)ERIC DIEHL

2)MARC ELUARD

3)NICOLAS PRIGENT

(57) Abstract :

A cartridge (2) preferably for use with a game console (1). The cartridge (2) comprises a ROM (21), a non-volatile memory (22) and an encryption unit (23). An application (3) running on the console (1) may read data from the ROM (21), read data from the non-volatile memory (22), and write data in the non-volatile memory (22). Data to be written in the non-volatile memory (22) is encrypted by the encryption unit (23), but data to be read is returned in encrypted form for decryption by a decryption function of the game application (3). Data may also be received encrypted to be decrypted and returned. The encryption or decryption unit may also receive data from the non-volatile memory (22) and send it to the interface (24, 42). The invention improves on the prior art copy protection as a hacker must reverse engineer the game application (3) in order to copy it, if the encryption unit (23) is unknown. The invention also provides an optical medium (4) equipped with a RFID circuit (41).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4255/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :08/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHODS AND APPARATUS FOR MAXIMUM RATIO COMBINING FOR DUPLICATED SIGNALS IN OFDMA SYSTEMS

(51) International classification	:H04L27/26
(31) Priority Document No	:11-969,349
(32) Priority Date	:04/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/067164
Filing Date	:16/06/2008
(87) International Publication No	:WO 2009/088527 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)JONG HYEON PARK
2)TAE RYUN CHANG
3)JE WOO KIM

(57) Abstract :

In accordance with a method for processing a received orthogonal frequency division multiple access (OFDMA) signal that comprises a duplicated signal, sub carriers within the OFDMA signal may be arranged into a duplicated format. The OFDMA signal may be equalized and combined after the sub-carriers have been arranged into the duplicated format. The equalizing and combining may be performed in accordance with a maximum ratio combining (MRC) scheme. The OFDMA signal may be demapped after the equalizing and combining is performed.

No. of Pages : 42 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4256/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :08/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : I/Q IMBALANCE ESTIMATION AND CORRECTION IN A COMMUNICATION SYSTEM

(51) International classification :H04L27/38
(31) Priority Document No :11/969,341
(32) Priority Date :04/01/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/067166
Filing Date :16/06/2008
(87) International Publication No :WO 2009/088528 A9
(61) 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)HAKAN INANOGLU
2)LEON METREAUD
3)MARK S. WALLACE
4)XIANGDONG ZHANG

(57) Abstract :

Certain aspects and embodiments provide for accurate measurement and estimation of imbalances between in-phase (I) and quadrature (Q) components of a complex baseband signal. The accuracy of I/Q phase imbalance estimates may be enhanced by conducting them on a transmitter and a receiver that are connected via a local, loopback connection and by removing cross-spectrum interference in transferred packets. Once these accurate I/Q phase imbalances are determined, they may be used to adjust a signal processed by the transmitter or the receiver to increase the performance and data throughput of Communications using the signal.

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

(54) Title of the invention : OPERATING METHOD FOR AN ELEVATOR HAVING TWO ELEVATOR CABS AND ONE COUNTERWEIGHT

(51) International classification :B66B5/02
 (31) Priority Document No :07124017.0
 (32) Priority Date :21/12/2007
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP08/066990
 Filing Date :08/12/2008
 (87) International Publication No :WO 2009/080476 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)INVENTIO AG

Address of Applicant :SEESTRASSE 55, POSTFACH, CH-6052 HERGISWIL Switzerland

(72)Name of Inventor :

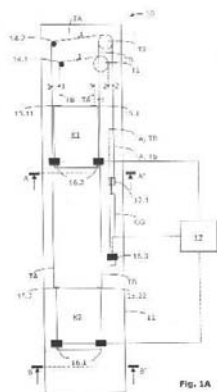
1)KOCHER, HANS

2)WURZBACHER, JAN ANDRE

3)ESCHER, JEAN-PHILIPPE

(57) Abstract :

Evacuation method for a lift with at least three lift bodies which are moved along at least one travel path and are connected together by way of support and traction means, wherein the first and the second lift bodies are suspended 1:1 by means of the support and traction means and the third lift body is suspended 2:1 by means of the support and traction means. The three lift bodies can each be blocked by way of a respective controllable blocking device. If passengers are present in a first one of the three lift bodies a further second or third lift body is blocked. In the case of presence of an imbalance between the weight masses of the two remaining unblocked lift bodies the first lift body is moved to an evacuation storey. (Figure 1)



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4228/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : MULTI-COMPONENT INJECTION MOLDED PART HAVING A BONDED SEAL

(51) International classification :B29C45/16
(31) Priority Document No :10 2007 060 394.2
(32) Priority Date :14/12/2007
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2008/065302
Filing Date :11/11/2008
(87) International Publication No :WO 2009/077269
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)ROBERT BOSCH GMBH
Address of Applicant :POSTFACH 30 02 20, STUTTGART
70442. Germany
(72)Name of Inventor :
1)KRENZ, GUENTER
2)KOHLBERGER, GEROLD
3)ZIEGLER, ALEXANDER
4)BILLEPP, BJOERN
5)RATZEL, WOLF-INGO
6)BEIERMEISTER, BERND
7)FRCEK, ZDENEK
8)STRAUS, VACLAV

(57) Abstract :

The present subject matter relates to an injection molded part, The injection molded part includes at least one thermoplastic insert (1), and a thermoplastic composite element (3) molded onto the insert (1). Further, the insert (1) includes at least one raised area (8) at the boundary of the insert (1) to the composite element (3) for a bonded seal between the insert (1) and the composite element (3). The raised area (8) protrudes with a height (H1) into the composite element (3) and forms a constricted cross-section (10) in the composite element with a height (H2). According to the present subject matter, the at least one raised area (8), comprises a first slant (12) on an upstream melt flow side (11), where a ratio of the height (H2) of the constricted cross-section (10) to the height (H1) of the raised area (8) is in between 0.6 and 0.9.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4293/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : AN EXPANDABLE INTERVERTEBRAL IMPLANT AND ASSOCIATED METHOD OF MANUFACTURING SAME

(51) International classification	:A61F2/30
(31) Priority Document No	:61/021,778
(32) Priority Date	:17/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/031567
Filing Date	:21/01/2009
(87) International Publication No	:WO 2009/092102
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SYNTHESE GMBH

Address of Applicant :EIMATTSTRASSE 3, 4436
OBERDORF Switzerland

(72)Name of Inventor :

1)LECHMANN, BEAT

2)BURKARD, DOMINIQUE

3)FIERLBECK, JOHANN

4)NIEDERBERGER, ALFRED

(57) Abstract :

An expandable intervertebral implant (10) includes superior (20) and inferior (30) bone contacting members and at least one vertical wire netting (50) interconnecting the superior and inferior bone contacting members. The superior and inferior bone contacting members include at least two bone contacting components interconnected via one or more lateral wire nettings such that the implant is vertically and laterally expandable in situ from a first insertion configuration to a second expanded configuration. The vertical and lateral wire netting are preferably constructed of a plurality of individual link members. The present invention also preferably relates to an associated method of manufacturing the intervertebral implant such that the intervertebral implant can be manufactured as an integral component or part.

No. of Pages : 47 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4294/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : FLEXIBLE ENGINE COOLING AND EXHAUST GAS TEMPERATURE CONTROLS FOR DIESEL AFTER-TREATMENT REGENERATION AND ENGINE PERFORMANCE IMPROVEMENT

(51) International classification :F01N3/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US07/061778
Filing Date :14/12/2007
(87) International Publication No :WO 2009/078847
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)INTERNATIONAL ENGINE INTELLECTUAL
PROPERTY COMPANY, LLC**
Address of Applicant :4201 WINFIELD ROAD,
WARRENVILLE, ILLINOIS 60555 U.S.A.
(72)**Name of Inventor :**
1)YAGER, JAMES
2)ZHANG, SHENGMEI
3)XIN, QIANFAN
4)LAPP, GREGORY
5)THOMAS, JACOB

(57) Abstract :

System, methods, and strategies for regulating charge air temperature in an intake manifold of an internal combustion engine (50) by controlling the flow rate and temperature of liquid engine coolant flowing through a liquid flow path of a charge air cooler (72) that is in heat exchange relationship with charge air entering the intake manifold over a range that provides for the charge air to be selectively heated and cooled by liquid engine coolant. The invention provides flexible control that is useful in controlling exhaust gas temperature for regeneration and/or efficiency restoration of exhaust after-treatment devices (66) as well as improved engine performance.

No. of Pages : 52 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4295/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : THERMALLY INSULATING ISOCYANATE-BASED FOAMS

(51) International classification	:C08G18/82
(31) Priority Document No	:61/021,682
(32) Priority Date	:17/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/030794
Filing Date	:13/01/2009
(87) International Publication No	:WO 2009/091705
	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)DOW GLOBAL TECHNOLOGIES INC.

Address of Applicant :2040 dow centre, midland, michigan
48674 U.S.A.

(72)Name of Inventor :

1)MORLEY, TIMOTHY, A.

2)CASATI, FRANCOIS, M.

3)BIRCH, ADRIAN, J.

4)KRAMER, HANS

(57) Abstract :

Propylene oxide, ethylene oxide, or a propylene oxide/ethylene oxide mixture are reacted with 1,2-phenylene diamine to form adducts having hydroxyl and amino groups. The 1,2-phenylene diamine adducts are useful in making rigid polyurethane foams, especially foams for pour-in-place applications, where they give a good combination of low k-factor and short demold times. The polyols also have unexpectedly low viscosities.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4296/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : CONTAINER FOR STORING A CRYOSURGERY DEVICE

(51) International classification	:A61B18/02
(31) Priority Document No	:61/013,781
(32) Priority Date	:14/12/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US08/086386
Filing Date	:11/12/2008
(87) International Publication No	:WO 2009/079328
	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)SCHERING-PLOUGH HEALTHCARE PRODUCTS, INC.
Address of Applicant :3030 JACKSON AVENUE,
MEMPHIS, TENNESSEE 38151. U.S.A.
(72)**Name of Inventor :**
1)MCBRIDE, ROBERT, T., JR.
2)GEDANKE, SERGIO
3)KEUNG, WING-KWONG
4)BROZELL, LEONORA, M.

(57) Abstract :

A container for a cryosurgery device which includes a cryogen bottle. The container includes a container body including an internal space sufficiently large to hold the cryogen bottle; a valve actuation assembly mechanically coupled to the container body, the valve actuation assembly configured to actuate a valve on the cryogen bottle; and a reservoir positioned relative to the valve actuation assembly so that the reservoir receives cryogen from the cryogen bottle when the valve on the cryogen bottle is actuated using the valve actuation assembly.

No. of Pages : 34 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4290/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : DISPLAY DEVICE AND ACTIVE MATRIX SUBSTRATE

(51) International classification	:G02F1/1343
(31) Priority Document No	:2008-022044
(32) Priority Date	:31/01/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP08/067512
Filing Date	:26/09/2008
(87) International Publication No	:WO 2009/096063
	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)YOSHIDA, KEISUKE

2)MAEDA, KAZUHIRO

3)YAYOTANI, RYOHJI

4)FUJIWARA, MASAHIRO

(57) Abstract :

A liquid crystal display device (11) of the present invention includes a liquid crystal layer (300) between a TFT array substrate (100) and a counter substrate (200). The TFT array substrate (100) has photo sensor elements (107) in pixels, and has transparent shield electrodes (108) which cover the photo sensor elements (107) provided. The transparent shield electrodes (108) are electrically insulated from pixel electrodes (106). Therefore, in the liquid crystal display device (11), an effect of electric noise on the photo sensor elements (107) can be reduced for avoiding deterioration of sensitivity of the photo sensor elements (107).

No. of Pages : 44 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4291/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : LOW FIBER CALCINATION PROCESS FOR MAKING GYPSUM FIBERBOARD

(51) International classification	:E04F15/022
(31) Priority Document No	:11/962,031
(32) Priority Date	:20/12/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US08/087458
Filing Date	:18/12/2008
(87) International Publication No	:WO 2010/039160
	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)UNITED STATES GYPSUM COMPANY
Address of Applicant :550 WEST ADAMS STREET,
CHICAGO, IL 60661-3676. U.S.A.
(72)**Name of Inventor :**
1)SKINNER, MARSHA,S.
2)LANGE, ROBERT, G.
3)BLACKBURN, DOUGLAS

(57) Abstract :

An energy efficient method for making a gypsum cellulose fiberboard comprising adding a first portion of cellulose fiber to gypsum before the gypsum and cellulose fiber are co-calcined in a reactor, adding a second portion of cellulose fiber to the slurry after it leaves the reactor to form a second slurry, depositing the slurry to form a mat dewatering the mat, rehydrating the mat and then finishing the mat to form a final gypsum cellulose fiberboard. A reduction of up to about 40% to 50% of steam energy used can be achieved when the second portion of added cellulose fiber is 50% or more of the total cellulose fiber used in the final board compared to gypsum cellulose board made with the same ingredients but when all of the fiber is added to the gypsum prior to the reactor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4292/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : ACCESSING NETWORKS FOR LIMITED PURPOSES

(51) International classification :H04W36/14

(31) Priority Document No :61/011,482

(32) Priority Date :16/01/2008

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

(86) International Application No :PCT/US09/000262

Filing Date :15/01/2009

(87) International Publication No :WO 2009/091573
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 USA INC.

Address of Applicant :600-700 MOUNTAIN AVENUE,
MURRAY HILL, NEW JERSEY 07974-0636 U.S.A.

(72)Name of Inventor :

1)FEDER, PERETZ, MOSHE

2)RAJKUMAR, AJAY

(57) Abstract :

One method includes setting up an authenticated communication session between a mobile terminal and a first core data network. The method includes acquiring, at the first core data network, supplementary access data usable by the mobile terminal to set up a non-authenticated communication session with a second data network and then, transmitting the supplementary access data from the first core data network to the mobile terminal. The second data network is accessible to the mobile terminal.

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

(54) Title of the invention : HIGH-PRESSURE FUEL PUMP

(51) International classification :F04B1/04
 (31) Priority Document No :10 2007 060 772.7
 (32) Priority Date :17/12/2007
 (33) Name of priority country :Denmark
 (86) International Application No :PCT/EP08/065590
 Filing Date :14/11/2008
 (87) International Publication No :WO 2009/077274
 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)ROBERT BOSCH GMBHAddress of Applicant :POSTFACH 30 02 20, STUTTGART
70442 Germany

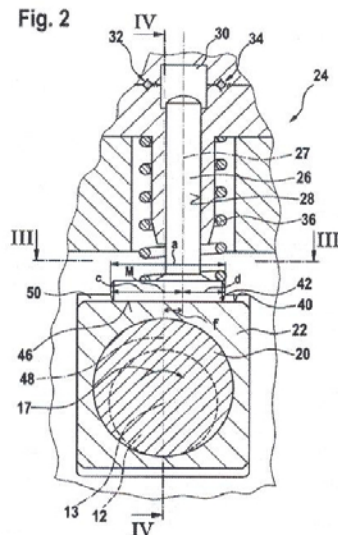
(72)Name of Inventor :

1)BOECKING, FRIEDRICH

(57) Abstract :

The present subject matter relates to a pump, particularly a high-pressure fuel pump, that includes a rotatably driven drive shaft (12), which includes a section (20) that is eccentric to a rotational axis (13) of the drive shaft (12), and a ring (22) rotatably supported on the section (20). The pump further includes at least one pump piston (26) that is directly supported on the ring (22) via a piston base (42) of the pump piston (26) or via a support element (54, 64). The pump piston (26) is driven in a stroke movement upon a rotational movement of the drive shaft (12), and the ring (22) comprises an at least substantially planar contact surface (40) in a region of support of the piston base (42) or of the support element (54, 64). A support surface (46, 56, 66) of the piston base (42) or of the support element (54, 64) on the ring (22) is greater than a cross-sectional surface of a shaft of the pump piston (26). An extension (a) of the support surface (46, 56, 66) of the piston base (42) or of the support element (54, 64), in a direction tangential to the rotational axis (13) of the drive shaft (12) is greater than an extension (b) of the support surface (46, 56, 66) of the piston base (42) or of the support element (54, 64) in a direction of the rotational axis (13) of the drive shaft (12).

Fig. 2



(12) PATENT APPLICATION PUBLICATION

(21) Application No.4298/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD AND APPARATUS FOR ANALYSIS OF PARTICLES IN A LIQUID SAMPLE

(51) International classification :G06T7/00
(31) Priority Document No :0800117.4
(32) Priority Date :18/01/2008
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE09/000015
Filing Date :16/01/2009
(87) International Publication No :WO 2009/091318
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)HEMOCUE AB
Address of Applicant :BOX 1204, SE-262 23 ANGELHOLM
Sweden
(72)Name of Inventor :
1)LINGBERG, STELLAN
2)OLESEN, TOM
3)VALVIK, MARTIN

(57) Abstract :

The invention relates to methods for analysis of particles in a liquid sample, the sample being retained in a sample retaining device, the method comprising, acquiring by means of an image acquiring device , a plurality of images of said sample at different focus planes within the sample retaining device; analyzing said images, by means of an image analyzer, for identifying which if any of the particles of the sample are imaged in focus in each of the images, and analyzing those particles which have been identified as being imaged in focus; where in said plurality of images are acquired at different, essentially parallel, focus planes which planes are separated from each other by a distance , said distane being less than 10 micrometers. The invention also relates to apparatus adapted to be used for the inventive methods.

No. of Pages : 24 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4299/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : CIRCUIT BOARD MODULE AND ELECTRONIC APPARATUS

(51) International classification	:H05K5/00
(31) Priority Document No	:2008-005460
(32) Priority Date	:15/01/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP08/003010
Filing Date	:23/10/2008
(87) International Publication No	:WO 2009/090694
	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)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501. Japan

(72)Name of Inventor :

1)NAGAIKE, SHOTARO

(57) Abstract :

A circuit board module and electronic apparatus circuit board module which can be thinned even in the case where a thick electronic component or the like is mounted, and an electronic apparatus including the same are provided. A circuit board module includes: a board 1 having a mounting surface; a first frame member 4 which is mounted on the mounting surface, and which is electrically conductive; a second frame member 5 which is inside the first frame member 4, which is mounted on the mounting surface, and which is electrically conductive; an electronic component which is between the first frame member 4 and the second frame member 5, and which is mounted on the mounting surface; a resin portion 6 which is between the first frame member 4 and the second frame member 5, and which closely contacts the electronic component, the mounting surface, the first frame member 4, and the second frame member 5; and a lid portion 7 which covers the electronic component that is disposed outside the second frame member 5, and the resin portion 6, which has a hole 72 in a part corresponding to the second frame member 5, which is connected to the first frame member 4, and which is electrically conductive. An electronic apparatus (first display device D1) 3 which protrudes upward from the hole 72 of the lid portion 7 is disposed inside the second frame member 5.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.479/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :15/06/2001

(43) Publication Date : 07/01/2011

(54) Title of the invention : A BIOCHEMICAL COMPOSITION

(51) International classification	:A61K31/00
(31) Priority Document No	:00112811.5
(32) Priority Date	:16/06/2000
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DR. MARTTHIAS RATH

Address of Applicant :4699 OLD IRONSIDE DRIVE, SUITE
370, SANTA CLARA, CA 95054, U.S.A.

(72)Name of Inventor :

1)DR. MARTTHIAS RATH

(57) Abstract :

The invention relates to a biochemical composition for the prevention and treatment of health conditions caused by constriction of smooth muscle cells in organs of the human body like high blood pressure, asthma, glaucoma and tinnitus consisting of vitamins, amino acids and trace elements. The invention relates to a biochemical composition for the prevention and treatment of health conditions caused by constriction of smooth muscle cells in organs of the human body like high blood pressure, asthma, glaucoma and tinnitus consisting of vitamins, amino acids and trace elements.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5821/CHENP/2008 A

(19) INDIA

(22) Date of filing of Application :28/10/2008

(43) Publication Date : 07/01/2011

(54) Title of the invention : TECHNIQUES FOR CONTROLLING OPERATION OF CONTROL LOOPS IN A RECEIVER

(51) International classification :H04B1/10
(31) Priority Document No :60/800,484
(32) Priority Date :15/05/2006
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US07/068724
Filing Date :11/05/2007
(87) International Publication No :WO 2007/134201
A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant : 5775 MOREHOUSE DRIVE, SAN
DIEGO, CALIFORNIA 92121-1714 U.S.A.
(72)Name of Inventor :
1)STEVEN C. CICCARELLI
2)BRIAN CLARKE BANISTER
3)BRIAN GEORGE
4)SOON-SENG LAU
5)PRASAD GUDEM
6)ARUN RAGHUPATHY

(57) Abstract :

Techniques for controlling operation of control loops in a receiver are described. The operation of at least one control loop is modified in conjunction with a change in operating state, which may correspond to a change in linearity state, gain state, operating frequency, antenna configuration, etc. A change in linearity state may occur when jammers are detected and may cause bias current of analog circuit blocks to be adjusted. The at least one control loop to be modified may include a DC loop, an AGC loop, etc. The operation of a control loop may be modified by disabling the control loop or changing its time constant prior to changing operating state, waiting a predetermined amount of time to allow the receiver to settle, and enabling the control loop or restoring its time constant after waiting the predetermined amount of time.

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

(54) Title of the invention : LIQUID PUMP

(51) International classification :F04C2/18
 (31) Priority Document No :10 2007 060 758.1
 (32) Priority Date :17/12/2007
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2008/064384
 Filing Date :23/10/2008
 (87) International Publication No :WO 2009/077248
 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 :

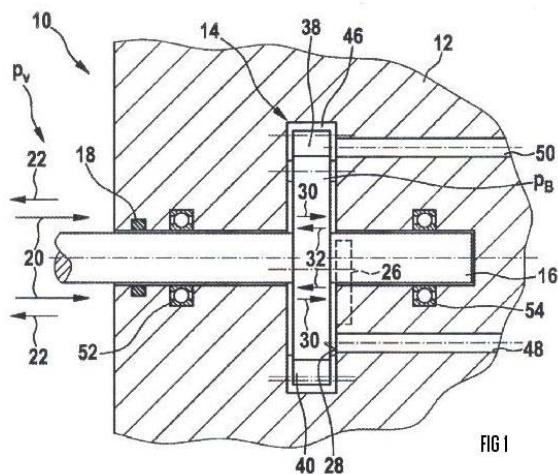
1)ROBERT BOSCH GMBHAddress of Applicant :POSTFACH 30 02 20, STUTTGART
70442. Germany

(72)Name of Inventor :

1)FOERCH, DIRK**2)HOCHDOERFFER, MARTIN****3)HERMANN, HARALD**

(57) Abstract :

The present subject matter relates to a liquid pump (10) that includes a pump housing (12), a pump unit (14) for generating an operating pressure (PB), a driving shaft (16) for driving the pump unit (14), guided from the pump housing (12) on an output side, and a sealing unit (18) for sealing a driving shaft passage. The liquid pump (10) is subjected to an admission pressure (PV) by a pressurized liquid in the region of the sealing unit (18), and the pressurized liquid generates at least one pressure field (20) facing the sealing unit (18) and at least one pressure field (22) facing away from the sealing unit (18). According to the present subject matter, the pressure fields (20, 22) are asymmetrically arranged. Fig.1



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

(54) Title of the invention : PRESSURE ACCUMULATOR FOR HYDRAULIC UNIT OF HYDRAULIC VEHICLE BRAKING SYSTEM WITH ELECTRONIC WHEEL SLIP CONTROL

(51) International classification :B60T8/36
 (31) Priority Document No :10 2007 060 951.7
 (32) Priority Date :18/12/2007
 (33) Name of priority country :Denmark
 (86) International Application No :PCT/EP08/064399
 Filing Date :23/10/2008
 (87) International Publication No :WO 2009/077249
 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)ROBERT BOSCH GMBH

Address of Applicant :POSTFACH 30 02 20, STUTTGART
 70442 Germany

(72)Name of Inventor :

1)BAREISS, ALEXANDER

2)MERKLEIN, DIETER

3)WEH, ANDREAS

4)FISCHER, HOLGER

5)SEGAWA, TARO

(57) Abstract :

The present subject matter relates to a pressure accumulator (12) for a hydraulic unit of a hydraulic vehicle braking system with electronic slip control. The pressure accumulator (12) comprises a storage chamber (14) and an accumulator piston (22) disposed in the storage chamber (14) in a movable manner. The pressure accumulator (12) is further provided with a pressure chamber (32) filled with a hydraulic pressure medium and sealed against a clearance (34) free from the pressure medium. Further, the pressure accumulator (12) has a piston spring (36) acting on the accumulator piston (22) and disposed in the clearance (34). The piston spring (36) is configured in the shape of a helical spring and comprises several spring windings. Further, a cover (38) is provided to the pressure accumulator (12) for sealing the clearance (34) from an external side (16). The piston spring (36) with one of its ends is supported on the cover (38). According to the present subject matter, the piston spring (36) comprises at least one first spring winding (40) with an outer diameter (d) that is smaller than an inner diameter (D) of a second spring winding (42) directly adjoining the first spring winding (40).

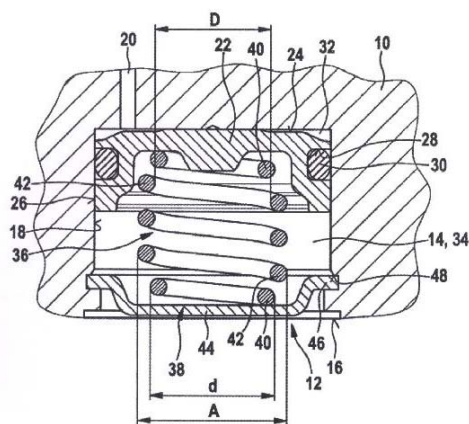


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4304/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD AND SYSTEM FOR QUALITY EVALUATION ON CONSTRUCTION SITES

(51) International classification	:G06Q10/00
(31) Priority Document No	:PCT/IN2008/000026
(32) Priority Date	:17/01/2008
(33) Name of priority country	:PCT
(86) International Application No	:PCT/IN08/000026
Filing Date	:17/01/2008
(87) International Publication No	:WO 2009/090658
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)M/S.SOBHA DEVELOPERS LIMITED

Address of Applicant :E-106,SUNRISE CHAMBERS, 22
ULSOOR ROAD, BANGALORE-560 042. Karnataka India

(72)Name of Inventor :

1)MR.RAVI MENON

2)MR.ROBY JOSEPH

3)MR.OLAF WAGNER

(57) Abstract :

The present invention provides a system for quality evaluation on construction sites having a plurality of activities and sub-activities associated with the various tasks that are performed on the site. Several entities interact in the present system including Quality Engineers, Master Masons, Administrators, Management users and General Viewers. Each of these entities have different roles and authorities, in the processes executed in the system. The present invention further proposes a method to perform quality evaluation wherein one or more quality engineers assess the various activities and sub-activities associated with the construction site(s) they are responsible for. A computer program product embodies the system of the present invention in a networked, distributed, real-time, web-based system that is accessible globally, for proper quality evaluation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/1067/CHE A

(19) INDIA

(22) Date of filing of Application :11/07/2002

(43) Publication Date : 07/01/2011

(54) Title of the invention : A METHOD OF OPERATING A POWER PLANT

(51) International classification	:F01K17/00
(31) Priority Document No	:09/483,677
(32) Priority Date	:14/01/2000
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US01/01011
Filing Date	:11/01/2001
(87) International Publication No	:WO/2001/051773
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THERMOENERGY CORP.

Address of Applicant :1300 TOWER BUILDING, 323
CENTER STREET, LITTLE ROCK, AR 72201 U.S.A.

(72)Name of Inventor :

1)FASSBENDER, ALEXANDER, G

(57) Abstract :

The present invention relates to a method of operating a power plant, comprising: passing a fuel to a reaction chamber; passing an oxidant to said reaction chamber; oxidizing said fuel in said reaction chamber at a first pressure substantially within a range of from 700 psia to 2000 psia; and passing a coolant to said reaction chamber in a heat exchange relationship with fuel and oxidant.

No. of Pages : 44 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/269/CHE A

(19) INDIA

(22) Date of filing of Application :11/08/2000

(43) Publication Date : 07/01/2011

(54) Title of the invention : AN APPARATUS AND METHOD FOR DEPOSITING A SEMICONDUCTOR MATERIAL ON A GLASS SHEET SUBSTRATE

(51) International classification :C03C17/00
(31) Priority Document No :09/026,139
(32) Priority Date :19/02/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US99/01149
Filing Date :20/01/1999
(87) International Publication No :WO/1999/042635
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)FIRST SOLAR LLC
Address of Applicant :1702 NORTH WESTWOOD
AVENUE, TOLEDO, OHIO 43607 U.S.A.
(72)Name of Inventor :
1)RICKY C. POWELL
2)GARY L DORER
3)NICHOLAS A REITER
4)HAROLD A MCMASTER
5)STEVEN M COX
6)TERENCE D HAHLE

(57) Abstract :

The present invention relates to an apparatus (12,12a) and a method for depositing a semi-conductor material on a glass sheet substrate(G)utilizes a distributor (22) including a heated permeable member (24)through which a carrier gas and a semiconductor material are passed to provide a vapor that is deposited as a semi-conductor layer on the conveyed glass sheet substrate. The permeable member (24) is tubular and has an electrical voltage applied along its length to provide the heating, and the carrier gas and the semiconductor as a powder are introduced into the tubular permeable member for flow outwardly therefrom as the vapor. A shroud (34) extending around the tubular permeable member (24) has an opening (36) through which the vapor flows for the semiconductor layer deposition. In one embodiment of apparatus (12), the semiconductor layer is deposited on an upwardly facing surface (56) of the glass sheet substrate (G) while another embodiment of the apparatus (12a) deposits the semiconductor layer on a downwardly facing surface (54) of the substrate.

No. of Pages : 24 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4242/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :08/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : ELECTRONIC ADVERTISING USING DISTRIBUTED DEMOGRAPHICS

(51) International classification :G06F17/00

(31) Priority Document No :12/015,140

(32) Priority Date :16/01/2008

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

(86) International Application No :PCT/US09/030404

Filing Date :08/01/2009

(87) International Publication No :WO 2009/091654

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)CISCO TECHNOLOGY, INC.

Address of Applicant :170 WEST TASMAN DRIVE, SAN
JOSE, CA 95134. U.S.A.

(72)Name of Inventor :

1)MENDITTO, LOUIS F.

2)DA VIDSON, KENNETH

3)GRAY, RICHARD, L.

(57) Abstract :

In one embodiment, at least one portion of a request for an electronic advertisement is received. The request includes an indicator of one of plurality of demographic servers. The at least one portion is analyzed. The at least one portion includes date of a user. Demographic information is identified as a function of the user data. A request for a selection of the electronic advertisement as a function of the demographic information is transmitted.

No. of Pages : 28 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4243/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :08/07/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR PREPARING A LUBRICATING COMPOSITION

(51) International classification :C10M133/40

(31) Priority Document No :08100550.6

(32) Priority Date :16/01/2008

(33) Name of priority country :EUROPEAN UNION

(86) International Application No :PCT/EP09/050483

Filing Date :16/01/2009

(87) International Publication No :WO 2009/090238 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)SHELL INTERNATIONALE RESEARCH

MAATSCHAPPIJ B.V.

Address of Applicant :CAREL VAN BYLANDTLAAN 30,
NL-2596 HR THE HAGUE. Netherlands

(72)Name of Inventor :

1)WHEATLEY, ALAN RICHARD

(57) Abstract :

The present invention provides a method for preparing a lubricating composition, in particular a grease, the method at least comprising the steps of: a) providing a base oil composition optionally containing one or more additives; b) providing a solution of one or more alkyl-substituted quinolines or oligomeric derivatives thereof in a solvent; and c) adding the solution of step b) to the base oil composition of step a) at a temperature below 150°C.

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

(54) Title of the invention : 5-AMINOCYCLYL METHYL-OXAZOLIDIN-2-ONE DERIVATIVES

(51) International classification :C07D413/14
 (31) Priority Document No :PCT/IB2007/055194
 (32) Priority Date :18/12/2007
 (33) Name of priority country :PCT
 (86) International Application No :PCT/IB08/055374
 Filing Date :17/12/2008
 (87) International Publication No :WO 2009/077989
 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)ACTELION PHARMACEUTICALS LTD.

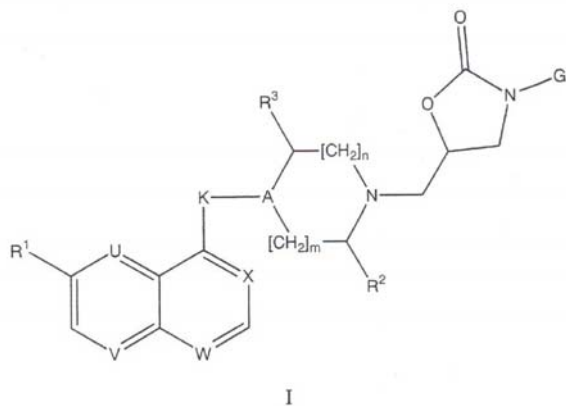
Address of Applicant :GEWERBESTRASSE 16, CH-4123 ALLSCHWIL, Switzerland

(72)Name of Inventor :

1)HUBSCHWERLEN, CHRISTIAN**2)RUEEDI, GEORG****3)SURIVET, JEAN-PHILIPPE****4)ZUMBRUNN-ACKLIN, CORNELIA**

(57) Abstract :

The invention relates to antibacterial compounds of formula I wherein one or two of U, V, W, and X represent N, the rest represent CH or, in the case of X, may also represent CRa wherein Ra is fluorine; R1 represents alkoxy, halogen or cyano; R2 represents H, CH2OH, CH2N3, CH2NH2, alkylcarbonylaminomethyl or triazol-1-ylmethyl; R3 represents H, or, when n is 1, R3 may also represent OH, NH2, NHCOR6 or triazol-1-yl; A represents CR4; K represents O, NH, OCH2, NHCO, NHCH2, CH2NH, CH2CH2, CH=CH, CHOHCHOH or CHR5; R4 represents H or together with R5 forms a bond, or also R4 can represent OH when K is not O, NH, OCH2 or NHCO; R5 represents OH or together with R4 forms a bond; R6 represents alkyl; m is 0 or 1 and n is 0 or 1; and G is as defined in the description; and to salts of such compounds.



No. of Pages : 97 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/466/CHE A

(19) INDIA

(22) Date of filing of Application :02/04/2002

(43) Publication Date : 07/01/2011

(54) Title of the invention : A METHOD AND APPARATUS FOR PREDICTING DATA

(51) International classification	:G01S5/00
(31) Priority Document No	:60/223,670
(32) Priority Date	:08/08/2000
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US01/24851
Filing Date	:07/08/2001
(87) International Publication No	:WO 02/12913 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 :5775 MOREHOUSE DRIVE, SAN
DIEGO, CALIFORNIA 92121 U.S.A.

(72)Name of Inventor :

1)PETER GAAL

(57) Abstract :

The present invention relates to an apparatus, method and system for predicting subframes of GPS signals. The apparatus includes a processor capable of determining whether a subframe is an almanac subframe, setting a timehead and adding it to a TOW, setting a TLM message based on a value of the TOW, generating a CRC for a predicted subframe, and a memory for storing the predicted subframe. The memory may vary in size based on the number of predicted subframes. The processor is further capable of determining whether the value of the TOW is less than the number of seconds in a week, calculating a position of the predicted subframe in the memory, and setting a valid flag.

No. of Pages : 73 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4280/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD AND APPARATUS FOR EXTENDED CALL ESTABLISHMENT AND LOCATION SUPPORT FOR IMS EMERGENCY CALLS

(51) International classification	:H04L29/06
(31) Priority Document No	:61/019,158
(32) Priority Date	:04/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/030010
Filing Date	:02/01/2009
(87) International Publication No	:WO 2009/089087 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)EDGE STEPHEN W.
2)MAHENDRAN ARUNGUNDRAM C.
3)JIN HAIPENG

(57) Abstract :

Apparatus and methods of establishing an emergency voice call include user equipment transmitting, and a first serving core network receiving, a request for an emergency call via a wireless access network. The apparatus and methods further include a determination by the first serving core network of an alternative serving core network. In some aspects, the determination may be made based on a user equipment location from a location retrieval function, which may obtain such information from other network components or from the user equipment. In other aspects, the determination may be based on lack of capability or lack of capacity. Further, the apparatus and methods also include establishment of the emergency call with a second serving core network different from the serving core network based on the determination.

No. of Pages : 62 No. of Claims : 112

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4281/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : FREQUENCY SHARING IN A COMMUNICATION SYSTEM

(51) International classification :H04B7/185
(31) Priority Document No :0800385.7
(32) Priority Date :10/01/2008
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2009/050013
Filing Date :09/01/2009
(87) International Publication No :WO 2009/087418 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)ASTRIUM LIMITED
Address of Applicant :GUNNELS WOOD ROAD,
STEVENAGE, HERTFORDSHIRE SG1 2AS U.K.
(72)Name of Inventor :
1)DONALD LESTER
2)KEVIN HODSON

(57) Abstract :

The invention provides a communication system and method of communication. The communication system includes a satellite transmitter arranged to transmit a first signal to be received within a predefined geographical area by a satellite receiver and a terrestrial transmitter arranged to transmit a second signal-to-be received within the predefined geographical-area by a terrestrial receiver. The first and second signals share a common radio frequency band and the system is arranged such that first signals is received at an antenna associated with the satellite receiver at a first angle from the horizontal the first angle being greater than a second angle from the horizontal at which the second signal is received at the antenna this enables the satellite receiver to distinguish the first signal from the second signal. The terrestrial transmitter and receiver are also arranged to operate a multiple -in- put and multiple output MIMO system enabling the terrestrial receiver to distinguish the second signal from the first signal

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4282/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : MAPPING OF DISTRIBUTED RESOURCE BLOCK INDICES TO PHYSICAL RESOURCE BLOCKS

(51) International classification :H04B7/00
(31) Priority Document No :61/019,976
(32) Priority Date :09/01/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US08/088613
Filing Date :31/12/2008
(87) International Publication No :WO 2009/088911
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NORTEL NETWORKS LIMITED
Address of Applicant :2351 BOULEVARD ALFRED-
NOBEL, ST. LAURENT, QUEBEC H4S 2A9 Canada
(72)**Name of Inventor :**
1)AARON JAMES CALLARD
2)JIANGLEI MA
3)DAVID WALTER PARANCHYCH

(57) Abstract :

An apparatus for communication using a wireless communication network includes an interleaver and a transceiver. The interleaver co-exists with a localized transmission arrangement if the localized transmission arrangement is present and interleaves data packets for a distributed transmission arrangement by mapping a set of logical indices to a set of physical resource blocks. The set of logical indices include sequential logical indices that are separated by a maximum spacing within the set. The transceiver is in electrical communication with the interleaver. The transceiver is operable to transmit and receive data packets through the wireless communication network.

No. of Pages : 26 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4283/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : MULTI-LINEARITY MODE LNA HAVING A DEBOOST CURRENT PATH

(51) International classification	:H03F1/32
(31) Priority Document No	:11/969,375
(32) Priority Date	:04/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US08/088382
Filing Date	:27/12/2008
(87) International Publication No	:WO 2009/088813
	A9
(61) 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)LI-CHUNG CHANG

(57) Abstract :

A modified derivative superposition (MDS) low noise amplifier (LNA) includes a main current path and a cancel current path. Third-order distortion in the cancel path is used to cancel third-order distortion in the main path. In one novel aspect, there is a separate source degeneration inductor for each of the two current paths, thereby facilitating tuning of one current path without affecting the other current path. In a second novel aspect, a deboost current path is provided that does not pass through the LNA load. The deboost current allows negative feedback to be increased without generating headroom problems. In a third novel aspect, the cancel current path and/or deboost current path is programmably disabled to reduce power consumption and improve noise figure in operational modes that do not require high linearity.

No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4284/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : INTERFERENCE DETECTION AND MITIGATION

(51) International classification	:H04B1/10
(31) Priority Document No	:61/018,572
(32) Priority Date	:02/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US08/088260
Filing Date	:23/12/2008
(87) International Publication No	:WO 2009/088787
	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 :5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)CHRISTOS KOMNINAKIS
2)DANIEL F.FILIPOVIC

(57) Abstract :

Techniques for detecting and mitigating interference are described. A device (e.g., a cellular phone) senses interference levels and digitally reconstructs the expected interference in the received signal. The device may correlate the reconstructed interference with the received signal and determine interference in the received signal based on correlation results. The device may adjust the operation of one or more circuit blocks (e.g., a mixer, an LNA, etc.) in a receiver based on the detected interference in the received signal. Alternatively or additionally, the device may condition the digital interference to obtain conditioned reconstructed interference matching the interference in the received signal and may then subtract the conditioned interference from the received signal.

No. of Pages : 74 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4285/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : SYSTEMS AND METHODS FOR CALIBRATING THE LOOP BANDWIDTH OF A PHASE-LOCKED LOOP (PLL)

(51) International classification	:H03L7/18
(31) Priority Document No	:11/970,329
(32) Priority Date	:07/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/030235
Filing Date	:06/01/2009
(87) International Publication No	:WO 2009/089228
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

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

(72)Name of Inventor :

1)CHAN HONG PARK

(57) Abstract :

A method for calibrating the loop bandwidth of a phase-locked loop (PLL) is described. At least one resistor in the PLL filter is tuned in accordance with the frequency of an input reference signal. One or more capacitors in the PLL filter are tuned in accordance with the frequency of the input reference signal. Output pulses of one or more voltage controlled oscillators (VCO) are counted. A first charge pump current associated with a target loop bandwidth is counted in accordance with the counted output pulses. A programmable charge pump current is tuned to the calculated first charge pump current.

No. of Pages : 27 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4286/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR CONFIGURING AN APPARATUS IN SITU

(51) International classification	:H04L12/24
(31) Priority Document No	:08290126.5
(32) Priority Date	:11/02/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP09/051499
Filing Date	:10/02/2009
(87) International Publication No	:WO 2009/101077 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)JAN COPPENS

2)CHRISTOPH STEVENS

3)PASCAL JUSTEN

4)SVEN VAN DEN BOSCH

5)WILLEM ACKE

(57) Abstract :

Method for remote configuration of at least one apparatus using a configuration server to configure the apparatus in situ via a network, to which the apparatus and the configuration server are connected, comprising exchanging information requests or and/or inform messages between the configuration server and the apparatus; and sending from the configuration server the requested information indicated by the information requests and/or inform messages over the network to the apparatus, where sending the information to the apparatus is prioritized.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4287/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : INTERFERENCE DETECTION AND MITIGATION

(51) International classification	:H04B1/10
(31) Priority Document No	:61/018,572
(32) Priority Date	:02/01/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US08/088261
Filing Date	:23/12/2008
(87) International Publication No	:WO 2009/088788
	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 :5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)CHRISTOS KOMNINAKIS
2)DANIEL F.FILIPOVIC

(57) Abstract :

Techniques for detecting and mitigating interference are described. A device (e.g., a cellular phone) senses interference levels and digitally reconstructs the expected interference in the received signal. The device may correlate the reconstructed interference with the received signal and determine interference in the received signal based on correlation results. The device may adjust the operation of one or more circuit blocks (e.g., a mixer, an LNA, etc.) in a receiver based on the detected interference in the received signal. Alternatively or additionally, the device may condition the digital interference to obtain conditioned reconstructed interference matching the interference in the received signal and may then subtract the conditioned interference from the received signal.

No. of Pages : 73 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4288/CHENP/2010 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : HEAT EXCHANGER

(51) International classification :F25B39/02
(31) Priority Document No :61/020,533
(32) Priority Date :11/01/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US09/030654
Filing Date :09/01/2009
(87) International Publication No :WO 2009/089488
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :4194/CHENP/2010
Filed on :09/07/2009

(71)Name of Applicant :

1)JOHNSON CONTROLS TECHNOLOGY COMPANY

Address of Applicant :915 EAST 32ND STREET,
HOLLAND, MICHIGAN 49423 U.S.A.

(72)Name of Inventor :

1)DE LARMINAT, PAUL

2)SCHREIBER, JEB

3)KOHLER, JAY, A.

4)HANSEN, JOHN C.

5)YANIK, MUSTAFA, KEMAL

6)MCQUADE. WILLIAM, F.

7)KAUFFMAN, JUSTIN

8)POULSEN, SOREN BIERRE

9)WANG, LEE LI

10)KULANKARA, SATHEESH

(57) Abstract :

An heat exchanger (38) for use in a vapor compression system is disclosed and includes a shell (76), a first tube bundle (78), a hood (86) and a distributor (80). The first tube bundle (78) includes a plurality of tubes extending substantially horizontally in the shell (76). The hood (86) covers the first tube bundle (78). The distributor (80) is configured and positioned to distribute fluid onto at least one tube of the plurality of tubes.

No. of Pages : 59 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3790/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :11/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : BEVERAGE DISPENSE APPARATUS

(51) International classification :B67D 1/04

(31) Priority Document No :0805297.9

(32) Priority Date :20/03/2008

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

(86) International Application No :PCT/IB2009/005502

Filing Date :20/03/2009

(87) International Publication No :WO 2009/115928

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)LANCER CORPORATION

Address of Applicant :6655 LANCER, BOULEVARD SAN ANTONIO, TX 78219 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)HASKAYNE, PAUL

(57) Abstract :

A beverage dispense apparatus is provided having a tap casing (20) movably mounted to a font housing (1) to enable access between openings in the font housing (1) and tap casing (20), to facilitate insertion of a beverage delivery line (4) into the tap casing (20).

No. of Pages : 49 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3912/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :20/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : GLASS STRANDS , AND COMPOSITES HAVING AN ORGANIC AND/OR INORGANIC MATRIX CONTAINING SAID STRANDS

(51) International classification	:C03C 13/00
(31) Priority Document No	:0852716
(32) Priority Date	:23/04/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/050748
Filing Date	:22/04/2009
(87) International Publication No	:WO 2009/138661
(61) 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 TECHNICAL FABRICS EUROPE
Address of Applicant :517, AVENUE DE LA BOISSE 73000
CHAMBERY FRANCE.
(72)**Name of Inventor :**
1)LECOMTE, EMMANUEL

(57) Abstract :

The invention relates to glass strands especially for the production of composites having an organic and/or inorganic matrix, the composition of which strands comprises the following constituents in the limits defined below, expressed as percentages by weight: SiO₂ 50-65% Al₂O₃ 12-23% SiO₂+Al₂O₃ > 79% CaO 1-10% MgO 6-12% Li₂O 1-3%, preferably 1-2% BaO+SrO 0-3% B₂O₃ 0-3% TiO₂ 0-3% Na₂O+K₂O < 2% F₂ 0 -1 % Fe₂O₃ < 1%. These strands are made of a glass offering an excellent compromise between its mechanical properties, represented by the specific Young's modulus, and its melting and fiberizing conditions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3963/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : DEVICE FOR MANUFACTURING A PRE-ASSEMBLY FOR A TYRE

(51) International classification :B29D 30/30
(31) Priority Document No :2001510
(32) Priority Date :23/04/2008
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2009/050217
Filing Date :23/04/2009
(87) International Publication No :WO 2009/131451
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VMI HOLLAND B.V.
Address of Applicant :GELRIAWEG 16, NL-8161 RK EPE
THE NETHERLANDS
(72)**Name of Inventor :**
1)MULDER, GERRIT
2)SLOTS, ANTONIE

(57) Abstract :

Device for manufacturing a cut-to-length pre-assembly (2) for a tyre, wherein in the pre-assembly first (6) and second (7) side walls are situated on either side of an inner liner (4). The device comprises a supply conveyor for conveying the cut pre-assembly to the building drum (1). The device is provided with a first side wall measuring device (12) for measuring the length of the first side wall of the cut pre-assembly and for giving a first side wall measuring signal indicative of the measured length of the first side wall, with a second side wall measuring device (13) for measuring the length of the second side wall of the cut pre-assembly and for giving a second side wall measuring signal indicative of the measured length of the second side wall, with an inner liner measuring device (14) or measuring the length of the inner liner of the cut pre-assembly and for giving an inner liner measuring signal indicative of the measured length of the inner liner, and with a correction device for correcting differences in length on the basis of the first side wall measuring signal, the second side wall measuring signal and/or the inner liner measuring signal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3969/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : THERMALLY CONDUCTIVE SILICONE COMPOSITION AND ELECTRONIC DEVICE

(51) International classification :C08L 83/04
(31) Priority Document No :2008-138777
(32) Priority Date :27/05/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/059230
Filing Date :12/05/2009
(87) International Publication No :WO 2009/145086
(61) 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 CORNING TORAY CO., LTD.
Address of Applicant :1-3, MARUNOUCHI 1-CHOME,
CHIYODA-KU, TOKYO, 1000005 JAPAN
(72)**Name of Inventor :**
1)DOMAE, NARUMASA
2)KATO, TOMOKO
3)NAKAYOSHI, KAZUMI

(57) Abstract :

A thermally conductive silicone composition of the invention comprises: (A) an organopolysiloxane having a viscosity of at least 500 mPa•s at 25 °C; (B) a thermally conductive filler; (C) a fine silica powder; (D) an organopolysiloxane having a hydrolyzable group and having a viscosity of less than 500 mPa•s at 25 °C; and (E) a silane compound containing a hydrolyzable group. The composition possesses excellent handleability and workability at low viscosity and which, after application onto surfaces, is not subject to slipping-off when this surface assumes a vertically position, even under harsh temperature conditions.

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3972/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : CONTROL CHANNEL SIGNALLING FOR TRIGGERING THE INDEPENDENT TRANSMISSION OF A CHANNEL QUALITY INDICATOR

(51) International classification	:H04L 1/00
(31) Priority Document No	:08008539.2
(32) Priority Date	:06/05/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/002422
Filing Date	:02/04/2009
(87) International Publication No	:WO 2009/135574
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PANASONIC CORPORATION
Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 JAPAN
(72)**Name of Inventor :**
1)GOLITSHECK, ALEXANDER EDLER VON ELBWART
2)WENGERTER, CHRISTIAN
3)LÖHR, JOACHIM

(57) Abstract :

The invention suggests a method for providing control signalling in a communication system, comprising the steps performed by a base station of the communication system of generating a control channel signal comprising a transport format and a channel quality indicator trigger signal for triggering a transmission of a channel quality indicator by at least one terminal to the base station, and transmitting the generated control channel signal to at least one terminal, wherein said transport format is a predetermined format for user data transmission by the at least one terminal to the base station and said control channel signal indicates a predetermined mode for reporting the channel quality indicator to the base station, wherein the channel quality indicator transmission is to be triggered by the at least one terminal based on the channel quality indicator trigger signal.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3974/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : FLOW CONVERTER

(51) International classification :F03B 3/04
(31) Priority Document No :10 2008 032 411.6
(32) Priority Date :10/07/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2009/004803
Filing Date :02/07/2009
(87) International Publication No :WO 2010/003591
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SIGNO-ERFINDERVEREIN SACHSEN E. V.
Address of Applicant :KARL-HEINE-STRASSE 99, 04229
LEIPZIG GERMANY
(72)Name of Inventor :
1)SEYFARTH, GEROLD
2)HÖFGEN, SIEGFRIED
3)LANGLOTZ, HOLGER

(57) Abstract :

The invention relates to a device for converting mechanical energy to other forms of energy, preferably to electrical energy. The device referred to as a flow converter has been configured such that a rotating turbine cone (1) set into motion by the flow medium having spiral-shaped impeller blades (1c) disposed on the circumference thereof is supported relative to a fixed housing (2) by means of a main bearing (8), and is sealed by means of slip ring seals (23), axial shaft end sealing rings (30) and radial shaft end sealing rings (31) such that units for efficiently converting rotary speed (24) and converting energy (25) can be located in the hollow space created thereby and can be effectively protected against penetration of the flow medium, flow material can be discharged by the structure of the flow converter, and large power levels can be transferred.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3975/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : ABSORBENT ARTICLE

(51) International classification	:A61F 13/42
(31) Priority Document No	:2008-119993
(32) Priority Date	:01/05/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/055579
Filing Date	:23/03/2009
(87) International Publication No	:WO 2009/133731
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNI-CHARM CORPORATION

Address of Applicant :182, SHIMOBUN, KINSEI-CHO,
SHIKOKUCHUO-SHI, EHIME 799-0111 JAPAN

(72)Name of Inventor :

1)KAWAKAMI, YUSUKE

2)KASHIWAGI, MARI

(57) Abstract :

The present invention aims to provide an absorbent article enabling the presence of moisture, for example, derived from urination to be correctly recognized. An outer sheet 9 is provided on its side facing wearer's skin, i.e., on its side facing a liquid-absorbent structure 10 with moisture visualizing elements 21. The moisture visualizing elements 21 are formed by coating the outer sheet 9 with hot melt composition comprising pH indicator mixed with pressure-sensitive adhesive ingredient. Two or more stripes of the hot melt composition forming the moisture visualizing elements 21 extend in a longitudinal direction Y. Between the moisture visualizing elements 21 and the liquid-absorbent structure 10, there is provided a cover sheet 22 having a sufficient area to cover the moisture visualizing elements 21 completely in the longitudinal direction as well as in the transverse direction and being bonded to at least one of the outer sheet 9 and the absorbent structure 10. As the cover sheet 22, a hydrophobic fibrous nonwoven fabric exhibiting a water pressure resistance in a range of 40 to 500 mm is used.

No. of Pages : 27 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3976/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : MICROORGANISMS FOR THE PRODUCTION OF ADIPIC ACID AND OTHER COMPOUNDS

(51) International classification :C12P 17/10
(31) Priority Document No :61/040,059
(32) Priority Date :27/03/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/038663
Filing Date :27/03/2009
(87) International Publication No :WO 2009/038663
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENOMATICA, INC
Address of Applicant :10520 WATERIDGE CIRCLE, SAN DIEGO, CA 92121 UNITED STATES OF AMERICA.
(72)**Name of Inventor :**
1)BURGARD, ANTHONY,P
2)PHARKYA, PRITI
3)OSTERHOUT, ROBIN, E

(57) Abstract :

The invention provides a non-naturally occurring microbial organism having an adipate, 6- aminocaproic acid or caprolactam pathway. The microbial organism contains at least one exogenous nucleic acid encoding an enzyme in the respective adipate, 6- aminocaproic acid or caprolactam pathway. The invention additionally provides a method for producing adipate, 6- aminocaproic acid or caprolactam. The method can include culturing an adipate, 6-aminocaproic acid or caprolactam producing microbial organism where the microbial organism expresses at least one exogenous nucleic acid encoding an adipate, 6-aminocaproic acid or caprolactam pathway enzyme in a sufficient amount to produce the respective product, under conditions and for a sufficient period of time to produce adipate, 6-aminocaproic acid or caprolactam.

No. of Pages : 82 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3983/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PARTICULATE WAX COMPOSITES HAVING A CORE/SHELL STRUCTURE AND METHOD FOR THE PRODUCTION THEREOF AND THE USE THEREOF

(51) International classification	:C08K 9/02
(31) Priority Document No	:102008021007.2
(32) Priority Date	:25/04/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/002215
Filing Date	:26/03/2009
(87) International Publication No	:WO 2009/129907
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BYK- CHEMIE GMBH

Address of Applicant :ABELSTRASSE 45, D-46483 WESEL,
FEDERAL REPUBLIC OF GERMANY

(72)Name of Inventor :

1)ULRICH NOLTE

2)MICHAEL BERKEI

3)THOMAS SAWITOWSKI

(57) Abstract :

The invention relates to inorganic-organic composite particles having a core/shell structure, wherein the composite particles comprise an organically based core having at least one wax, and an inorganically based shell surrounding said core, and to a method for the production thereof and to the use thereof.

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3984/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : DISPERSION OF WAXES AND INORGANIC NANOPARTICLES AND USE THEREOF

(51) International classification :C08K 3/00
(31) Priority Document No :102008021007.2
(32) Priority Date :25/04/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2009/002220
Filing Date :26/03/2009
(87) International Publication No :WO 2009/129909
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BYK- CHEMIE GMBH
Address of Applicant :ABELSTRASSE 45, D-46483 WESEL,
FEDERAL REPUBLIC OF GERMANY
(72)Name of Inventor :
1)ULRICH NOLTE
2)MICHAEL BERKEI
3)THOMAS SAWITOWSKI

(57) Abstract :

The invention relates to dispersions, wherein the dispersions - in addition to a dispersant - comprise in combination (a) on the one hand particles based on at least one organic material containing or being made of at least one wax, in particular wax particles, and (b) on the other hand particles based on at least one inorganic material, in particular inorganic nanoparticles, and to the use of said dispersions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3987/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : TREATMENT OF PLURIPOTENT CELLS

(51) International classification	:C12N 5/06
(31) Priority Document No	:12/108,852
(32) Priority Date	:24/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/041356
Filing Date	:22/04/2009
(87) International Publication No	:WO 2009/132068
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CENTOCOR ORTHO BIOTECH INC.

Address of Applicant :800/850, RIDGEVIEW DRIVE
HORSHAM, PA 19044 U.S.A.

(72)Name of Inventor :

1)JANET, E. DAVIS

2)JIAJIAN LIU

(57) Abstract :

The present invention is directed to methods to treat pluripotent cells, whereby the pluripotent cells can be efficiently expanded in culture and differentiated by treating the pluripotent cells with an inhibitor of GSK-3B enzyme activity.

No. of Pages : 167 No. of Claims : 126

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3988/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : LOW-CARBON MARTENSITIC CHROMIUM-CONTAINING STEEL

(51) International classification :C22C 38/00
(31) Priority Document No :2008-115010
(32) Priority Date :25/04/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/058536
Filing Date :23/04/2009
(87) International Publication No :WO 2009/131248
(61) 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)KATSUHISA YAMAUCHI
2)YASUSHI KATO
3)TAKUMI UJIRO
4)TAKAKO YAMASHITA

(57) Abstract :

Provided is a material for brake discs that has temper softening resistance sufficient to maintain a hardness of HRC 31 or more after tempering at 700°C for one hour. Specifically, a low-carbon martensitic chromium-containing steel contains 0.02% to 0.10% of carbon and 0.02% to 0.10% of nitrogen, the total content of carbon and nitrogen being 0.08% to 0.16%; 0.5% or less of silicon; 0.1% or less of aluminum; 0.3% to 3.0% of manganese; 10.5% to 13.5% of chromium; 0.05% to 0.60% of niobium and 0.15% to 0.80% of vanadium, the total content of niobium and vanadium being 0.25% to 0.95%; 0.02% to 2.0% of nickel; and 1.5% or less of copper, and has an Fp value ($= -230C + 5Si - 5Mn - 6Cu + 10Cr - 12Ni + 32Nb + 22V + 12Mo + 8W + 10Ta + 40Al - 220N$) of 80.0 to 96.0, a hardness after quenching of HRC 31 to 40, and a hardness after tempering at 700°C for one hour of HRC 31 or more.

No. of Pages : 42 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3989/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD OF MITIGATING AGAINST THERMAL CONTRACTION INDUCED CRACKING DURING CASTING OF A SUPER NI ALLOY

(51) International classification	:B22D 21/02
(31) Priority Document No	:0807614.3
(32) Priority Date	:25/04/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/001048
Filing Date	:24/04/2009
(87) International Publication No	:WO 2009/130472
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GODDWIN PLC

Address of Applicant :IVY HOUSE FOUNDRY, HANLEY, STOKE-ON-TRENT ST1 3NR, UNITED KINGDOM

(72)Name of Inventor :

1)GOODWIN, RICHARD, STANLEY

2)ROBERTS, STEPHEN

(57) Abstract :

A method of mitigating against thermal contraction induced cracking during casting of a super Ni alloy, the method comprising: pouring liquid alloy into a mould such that liquid alloy is present in a feeder of said mould; and inducing an electrical current in alloy in said feeder to reduce a rate of cooling of alloy in said feeder.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3993/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : STEEL PLATE QUALITY ASSURANCE SYSTEM AND EQUIPMENT THEREOF

(51) International classification :B21C 51/00
(31) Priority Document No :2008-089922
(32) Priority Date :31/03/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/056836
Filing Date :26/03/2009
(87) International Publication No :WO 2009/123273
(61) 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)KOJI NARIHARA
2)TOSHIKAZU AKITA
3)YUKIHIRO OKADA
4)YUTAKA WADA
5)KOUHEI OBARA
6)TORU TAKAHASHI

(57) Abstract :

A steel plate quality assurance system according to a steel plate manufacturing line, and facilities thereof are provided. Specifically, the present invention provides a steel plate quality assurance system and facilities thereof, wherein the steel plate quality assurance system measures, with a steel plate manufacturing line including a finishing mill of a steel plate manufacturing line, and accelerated cooling equipment disposed on the downstream side of the finishing mill in the advancing direction of the steel plate manufacturing line, temperature of at least the whole area of the upper surface of a steel plate, or the whole area of the lower surface of a steel plate to perform quality assurance, and includes temperature measurement means; temperature analysis means; and mechanical property determining means; with the temperature measurement means including a thermometer disposed on at least the upstream side or downstream side of the finishing mill, and/or at least the upstream side or downstream side of the accelerated cooling equipment, and temperature collecting means configured to collect temperature measured at the thermometer; with the temperature analysis means creating a temperature MAP of the whole area of a steel plate from the temperature collected by the temperature collecting means; and with the mechanical property determining means estimating the material property of the whole area of a steel plate from the temperature MAP to perform judgment of acceptance.

No. of Pages : 185 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3994/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : SYSTEMS AND METHODS OF REDUCING SIGNALING IN A NETWORK HAVING A DATABASE SERVER

(51) International classification	:H04W 8/08
(31) Priority Document No	:61/039,830
(32) Priority Date	:27/03/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2008/064228
Filing Date	:22/10/2008
(87) International Publication No	:WO 2009/118056
(61) 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 :S-164 83 STOCKHOLM, SWEDEN
(72)**Name of Inventor :**
1)ROMMER, STEFAN
2)MIKLÓS, GYÖRGY
3)WALKER, JOHN MICHAEL

(57) Abstract :

In one aspect of the invention, a system and method reduce central database signalling. The system and method select a gateway in response to an event; determine whether to transmit a gateway identifier identifying the selected gateway to a central database; and indicate whether the gateway identifier has been transmitted to the central database.

No. of Pages : 31 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3995/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : REDUCTION OF OUT-OF -BAND EMITTED POWER

(51) International classification	:H04B 7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2008/070628
Filing Date	:28/03/2008
(87) International Publication No	:WO 2009/117874
(61) 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)VAN DE BEEK, JAAP
2)BERGGREN, FREDRIK

(57) Abstract :

An improved Method and transmitter for reducing an Orthogonal Frequency Division Multiplex (OFDM) signal's emitted power outside a designated transmission bandwidth is disclosed. According to the present invention, at least one additional subcarrier is allocated for an OFDM symbol. A weighting vector is determined based on an initial error vector, which is determined from a time domain signal shape of at least a part of a current OFDM symbol and at least a part of a previous OFDM symbol, respectively. The at least one additional subcarrier is then modulated using the weighting vector and is added to a set of subcarriers being used for the transmission.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3996/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :25/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHODS AND COMPOSITIONS FOR ORAL ADMINISTRATION OF PROTEINS

(51) International classification :A61K 38/28

(31) Priority Document No :61/064,779

(32) Priority Date :26/03/2008

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

(86) International Application No :PCT/IL2009/000223

Filing Date :26/02/2009

(87) International Publication No :WO 2009/118722

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ORAMED LTD.

Address of Applicant :HI-TECH PARK 2/5 GIVAT RAM,
P.O. BOX 39098, JERUSALEM 91390, ISRAEL

(72)Name of Inventor :

1)KIDRON, MIRIAM

(57) Abstract :

This invention provides compositions comprising a protein and at least two protease inhibitors, method for treating diabetes mellitus, comprising administering same, and methods for oral administration of a protein with an enzymatic activity, including orally administering same.

No. of Pages : 51 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3998/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :26/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : A METHOD OF OPERATING A WIRELESS DEVICE TO SEND DATA IN A NETWORK AND A WIRELESS DEVICE FOR OPERATING IN THE NETWORK

(51) International classification	:H04L12/56
(31) Priority Document No	:10/741266
(32) Priority Date	:19/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/041077
Filing Date	:08/12/2004
(87) International Publication No	:WO/2005/060604
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1125/KOLNP/2006
Filed on	:02/05/2006

(71)**Name of Applicant :**
1)MOTOROLA, INC.
Address of Applicant :1303 EAST ALGONQUIN ROAD
SCHAMBURG, ILLINOIS 60196, UNITED STATES OF AMERICA.
(72)**Name of Inventor :**
1)HESTER, LANCE, E
2)ANDRIC, OLEG
3)HUANG, JIAN
4)SHI, QICAI

(57) Abstract :

The present invention relates to a method of operating a wireless device to send data in a network that includes mediation devices, operating at a higher duty cycle than the wireless device, that are used to facilitate communication, the method comprising attempting to receive communications from a plurality of mediation devices; and for each particular mediation device among the plurality of mediation devices: receiving one or more parameters indicating a communication load carried by the particular mediation device; comparing the one or more parameters to one or more predetermined limits; and if one or more of the predetermined limits is exceeded for the particular mediation device, eliminating the particular mediation device from consideration for use in sending data. A wireless device for operating in a network that includes mediation devices is also disclosed.

No. of Pages : 42 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4000/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :26/10/2010

(43) Publication Date : 07/01/2011

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

(51) International classification	:H04W 36/08
(31) Priority Document No	:2008-169686
(32) Priority Date	:27/06/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/061748
Filing Date	:26/06/2009
(87) International Publication No	:WO 2009/157549
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NTT DOCOMO, INC.

Address of Applicant :11-1, NAGATACHO 2-CHOME,
CHIYODA-KU, TOKYO 1006150 JAPAN

(72)Name of Inventor :

1)IWAMURA, MIKIO

2)YABUKI, SHOGO

3)OBATA, KAZUNORI

(57) Abstract :

Provided is a mobile communication method which performs communication between a mobile station UE and a radio base station eNB by using a predetermined key generated by using a first key. The method includes: a step in which the mobile station UE updates the first key upon reception of a handover instruction signal from the radio base station eNB; a step in which the mobile station UE transmits a handover completion signal to the radio base station eNB by using a predetermined key generated by using the updated first key; and a step in which the mobile station UE performs a cell selection process and transmits a reconnection request signal to the selected reconnection destination cell by using the first key before updated if the transmission of the handover completion signal has failed and a radio link failure is detected.

No. of Pages : 40 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4010/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :26/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD OF LONG TERM STORAGE OF SUBSTRATE-COUPLED BEADS

(51) International classification :G01N 33/543

(31) Priority Document No :08005634.4

(32) Priority Date :26/03/2008

(33) Name of priority country :EUROPEAN
UNION

(86) International Application No :PCT/EP2009/001820

Filing Date :13/03/2009

(87) International Publication No :WO 2009/118108

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MERCK PATENT GMBH

Address of Applicant :FRANKFURTER STRASSE
250,64293 DARMSTADT, GERMANY

(72)Name of Inventor :

1)HENZLER, TANJA

2)HERGET, THOMAS

(57) Abstract :

The present invention relates to a method for a long term storage of substrate- coupled beads prepared for biological reactions, preferably enzymatic reactions. Suitable beads for this method may be inorganic or organic. Preferably polystyrene beads are used for this method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4016/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :26/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : MEMBRANE SEPARATOR AND MEMBRANE CASSETTE

(51) International classification :B01D 63/08

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2008/000755

Filing Date :27/03/2008

(87) International Publication No :WO 2009/118787

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KUBOTA CORPORATION

Address of Applicant :SHIKITSU-HIGASHI 1-CHOME,
NANIWA-KU, OSAKA-SHI, OSAKA 556-8601 JAPAN

(72)Name of Inventor :

1)HIDETOSHI MASUTANI

2)YASUNOBU OKAJIMA

3)TOMOKAZU KITANO

(57) Abstract :

The wall member of a water collecting case forms a projecting portion projecting to the outer side and recessed portions recessed to the inner side.

No. of Pages : 35 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4018/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :26/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : SUBSTITUTED SPIROCYCLIC CYCLOHEXANE DERIVATIVES

(51) International classification :C07D 491/147
(31) Priority Document No :08005808.4
(32) Priority Date :27/03/2008
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2009/002186
Filing Date :25/03/2009
(87) International Publication No :WO 2009/118173
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GRÜNENTHAL GMBH
Address of Applicant :ZIEGLERSTRASSE 6,52078
AACHEN, GERMANY
(72)Name of Inventor :
1)ZEMOLKA, SASKIA
2)NOLTE, BERT
3)FRORMANN, SVEN
4)HINZE, CLAUDIA
5)LINZ, KLAUS
6)SCHRÖDER, WOLFGANG
7)ENGLBERGER, WERNER
8)SCHICK, HANS
9)SONNENSCHN, HELMUT

(57) Abstract :

The invention relates to compounds that have an affinity to the μ -opioid receptor and the ORL 1-receptor, methods for their production, medications containing these compounds and the use of these compounds for the production of medications.

No. of Pages : 107 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4020/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :27/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PACKET FOR SMOKE ARTICLES AND CORRESPONDING BLANK

(51) International classification :B65D 5/38

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IB2008/000869

Filing Date :10/04/2008

(87) International Publication No :WO 2009/125240

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)VECCHI, MARCO

Address of Applicant :VIA CORRIDONI 19,I-40059

MEDICINA (BO), ITALY

(72)Name of Inventor :

1)VECCHI, MARCO

(57) Abstract :

A packet for smoke articles comprises an outer enclosure (2) including a containing body (3) and a closing body (4, 17), said closing body including a lid (4) that is rotatable around a hinge (5) obtained on an outer wall of said packet (1), said packet (1) comprising an inner enclosure (18) that is slidable with respect to said outer enclosure (2), said closing body (4, 17) being joined to said inner enclosure (IS) so as to be spaced apart from said containing body (3) when said inner enclosure (IS) is at least partially extracted from said outer enclosure (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4036/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :27/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : MOBILE COMMUNICATION METHOD AND SWITCHING CENTER

(51) International classification	:H04W 12/08
(31) Priority Document No	:2008-272517
(32) Priority Date	:22/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/068176
Filing Date	:22/10/2009
(87) International Publication No	:WO 2010/047367
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NTT DOCOMO, INC.

Address of Applicant :11-1,NAGATACHO 2-CHOME,CHIYODA-KU, TOKYO 100-6150 JAPAN

(72)Name of Inventor :

1)IWAMURA, MIKIO

2)ISHII, MINAMI

3)ZUGENMAIER,ALF

(57) Abstract :

In a procedure for a mobile station (UE) to perform handover from a cell under the control of a radio base station (NB) of an UTRAN scheme to a cell under the control of a radio base station (eNB) of an E-UTRA scheme, a switching center (MME) of the E-UTRA scheme receives, from and the radio base station (eNB) of the E-UTRA scheme, a handover request acknowledge message including a transparent container including a security algorithm of an AS used in a communication between the mobile station (UE) and the radio base station (eNB) of the E-UTRA scheme; and the switching center (MME) of the E-UTRA scheme transmits, to a switching center (SGSN) of the UTRA scheme, a NAS PDU including the transparent container, a security algorithm of a NAS and a security processing parameter of the NAS.

No. of Pages : 47 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4041/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : SOLAR CELLS AND METHOD OF MAKING SOLAR CELLS

(51) International classification	:H01L 21/00
(31) Priority Document No	:61/052,298
(32) Priority Date	:12/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/043449
Filing Date	:11/05/2009
(87) International Publication No	:WO 2009/140196
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VILLANOVA UNIVERSITY

Address of Applicant :800 LANCASTER AVENUE,VILLANOVA,PA 19085 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)SINGH, PRITPAL

(57) Abstract :

A multi-junction photovoltaic cell includes at least two P- N junctions electrically connected to each other in series. Each P-N junction includes a P-type absorber layer and a N-type emitter layer, each P- type absorber layer including a plurality of alternating thin film layers of zinc telluride and lead telluride, wherein zinc telluride and lead telluride have respective bandgaps when in bulk thickness and the effective bandgap of each P-type absorber layer is between the respective bandgaps, The effective bandgap of at least one P-type absorber layer is different from that of at least one other P-type absorber layer.

No. of Pages : 30 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4004/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :26/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR CONTEXT HANDLING

(51) International classification	:H04W 8/06
(31) Priority Document No	:61/040, 563
(32) Priority Date	:28/03/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2008/068140
Filing Date	:22/12/2008
(87) International Publication No	:WO 2009/118071
(61) 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 :S-164 83 STOCKHOLM, SWEDEN

(72)Name of Inventor :
1)GUSTAFSSON, ROLAND
2) ÅHLÉN, ANDERS
3)OLSSON, LARS-BERTIL
4)SUNDELL HANS-OLOF
5)WASS, MIKAEL

(57) Abstract :

The invention therefore relates to a method, a first Mobility Control Node and a second Mobility Control Node for context handling when a user equipment, UE 10, moves from a previous Access Network, AN, to a present AN. The AN's are adapted to communicate with a Core Network, CN, and the UE 10 is adapted to communicate wirelessly with the AN's. The method comprises the steps of: - the UE 10 detecting 1 that it has entered a Mobility Area, MA, belonging to the present AN, said MA not being registered with the CN, - the UE 10 initiating 2 a Mobility Area Update, MAU, procedure in response to the detection by sending a MAU Request message comprising an UE Temporary ID to a Radio Access Node, RAN 11, - the RAN 11 adding 3 a Mobility Area Identity, MAI, to the Request message and forwarding the message to a first Mobility Control Node, MCN 13, responsible for the present AN, - the first MCN 13 deriving 4,6 one second MCN 14,15 from the UE Temporary ID and sending a context request message to said second MCN 14,15.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4007/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :26/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD, DEVICE AND SYSTEM FOR MESSAGE DISTRIBUTION

(51) International classification	:H04L 29/06
(31) Priority Document No	:200810027427.5
(32) Priority Date	:14/04/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/070711
Filing Date	:10/03/2009
(87) International Publication No	:WO 2009/127132
(61) 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., LID.
Address of Applicant :HUAWEI ADMINISTRATION
BUILDING, BANTIAN, LONGGANG DISTRICT,
SHENZHEN, GUANGDONG PROVINCE 518129, P.R. CHINA
(72)**Name of Inventor :**
1)CHEN, SHENGPING
2)LI, YIMIN;

(57) Abstract :

The disclosure relates to a message distribution method, device, and system. A message distribution method includes: creating a session based on a received first type of session message and allocating a corresponding cluster node to the session; and upon receiving a second type of session message associated with the session, distributing the second type of session message to the cluster node corresponding to the session. With the technical solution according to the embodiments of the invention, both the first type of session message and the second type of session message may be processed on the same cluster node, smooth and dynamic capacity expansion may be achieved for the cluster, the system performance may be enhanced, and system maintenance may be facilitated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4008/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :26/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD AND ARRANGEMENT IN A TELECOMMUNICATION SYSTEM

(51) International classification	:H04W 12/10
(31) Priority Document No	:61/040,269
(32) Priority Date	:28/03/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2008/050957
Filing Date	:25/08/2008
(87) International Publication No	:WO 2009/120122
(61) 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 :S-164 83 STOCKHOLM, SWEDEN
(72)**Name of Inventor :**
1)NORRMAN, KARL
2)BLOM, ROLF
3)SMEETS, BERNARD

(57) Abstract :

A method of and arrangement for detecting a manipulated or defect base station of a communication network is disclosed, wherein a target base station, having selected one or more algorithms on the basis of a prioritized algorithm list (PAL) and a UE security capabilities (SCAP), reports UE SCAP related information to a core network node. The core network node having knowledge of the UE SCAP compares this information or parts of this information with the retrieved UE SCAP related information in order to be able to identify a manipulated or defect base station when a comparison fails to match.

No. of Pages : 36 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4009/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :26/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PROCESSES FOR PREPARATION OF BENZO-FUSED HETEROARYL DERIVATIVES

(51) International classification	:C07D 319/20, A61K 31/357	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JANSSEN PHARMACEUTICA, N. V
(32) Priority Date	:NA	Address of Applicant :TURNHOUTSEWEG 30, B-2340
(33) Name of priority country	:NA	BEERSE BELGIUM
(86) International Application No	:PCT/US2008/058247	(72)Name of Inventor :
Filing Date	:26/03/2008	1)BALLENTINE, SCOTT, A
(87) International Publication No	:WO 2009/120192	2)REANY, LAURA
(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 processes for the preparation of benzo-fused heteroaryl derivatives, useful for the treatment of epilepsy and related disorders. The present invention is further directed to processes for the preparation of intermediates in the synthesis of the benzo-fused heteroaryl derivatives.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4052/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHANOL CARBONYLATION SYSTEM HAVING ABSORBER WITH MULTIPLE SOLVENT OPTIONS

(51) International classification	:B01J 8/00
(31) Priority Document No	:61/125,791
(32) Priority Date	:29/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/002505
Filing Date	:23/04/2009
(87) International Publication No	:WO 2009/134332
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CELANESE INTERNATIONAL CORPORATION
Address of Applicant :1601 WEST LBJ
FREEWAY,DALLAS, TX 75234-6034, U.S.A
(72)**Name of Inventor :**
1)ZINOBILE,RAYMOND,J.:
2)DOGGETT, TOMMY, W.:
3)LIU, LUN-KUANG:

(57) Abstract :

A methanol carbonylation system 10 includes an absorber tower 75 adapted for receiving a vent gas stream and removing methyl iodide therefrom with a scrubber solvent, the absorber tower being coupled to first and second scrubber solvent sources 16, 56 which are capable of supplying different first and second scrubber solvents. A switching system including valves 90, 92, 94, 96, 98 alternatively provides first or second scrubber solvents to the absorber tower and returns the used solvent and sorbed material to the carbonylation system to accommodate different operating modes.

No. of Pages : 27 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4053/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : BALLON TISSUE DAMAGE DEVICE

(51) International classification :A61F 5/00
(31) Priority Document No :12/113,739
(32) Priority Date :01/05/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/042279
Filing Date :30/04/2009
(87) International Publication No :WO 2009/134983
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ETHICON ENDO-SURGERY, INC.
Address of Applicant :4545 CREEK ROAD
CINCINNATI,OH 45242 U.S.A
(72)**Name of Inventor :**
1)MARK S. ORTIZ
2)THOMAS E. ALBRECHT
3)MARK S. ZEINER
4)JAMES R. GIORDANO
5)MATTHEW D. HOLCOMB
6)MICHAEL J. STOKES

(57) Abstract :

An inflatable medical instrument for tissue damage in gastric reduction surgery includes a main chamber composed of a biocompatible material capable of being selectively inflated. The medical instrument also includes a longitudinally extending tab member secured to an outer surface of the main chamber, a series of suction holes are formed along the tab member and an electrode is mounted on the tab member. The present invention also provides a method for forming a tissue junction used in defining a gastric pouch including damaging opposed tissue layers, apposing the tissue layers and fastening the tissue layers to allow the tissue layers to heal together.

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4054/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : FASTENER AND FASTENER APPLIER HAVING SELECTIVE SUTURE ATTACHMENT

(51) International classification	:A61B 17/04
(31) Priority Document No	:12/113,644
(32) Priority Date	:01/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/042316
Filing Date	:30/04/2009
(87) International Publication No	:WO 2009/135005
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ETHICON ENDO-SURGERY, INC.
Address of Applicant :4545 CREEK ROAD
CINCINNATI,OH 45242 U.S.A

(72)**Name of Inventor :**
1)LAWRENCE CRAINICH
2)MARK S. ZEINER
3)MICHAEL J. STOKES
4)JASON L. HARRIS

(57) Abstract :

A surgical stapling device for deploying staples connected with suture to tissue includes a handle having a staple actuator mechanism, a tubular support shaft having a longitudinal axis and extending from the handle, and a staple cartridge mounted on the support shaft and connected to the staple actuator mechanism for applying one or more staples to the tissue. The cartridge has a cartridge housing adapted to receive a plurality of staples in a row for longitudinal movement therethrough and an anvil mounted on the housing. The cartridge further includes a mechanism for advancing the forwardmost staple in the row into engagement with the anvil, and a suture guide supporting a length of suture that extends in a loop for attachment to the staples as they are secured to the tissue.

No. of Pages : 47 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4060/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : AN EXTENSIBLE LAMINER MATERIAL, PARTICULARLY FOR SANITARY ARTICLES, AND METHOD OF PRODUCING SAME

(51) International classification	:B29C 65/08
(31) Priority Document No	:TO2008A000325
(32) Priority Date	:30/04/2008
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2009/051691
Filing Date	:24/04/2009
(87) International Publication No	:WO 2009/133508
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FAMECCANICA.DATA S.P.A

Address of Applicant :VIA ATERNO, 136, I-66020
SAMBUCETO DI SAN GIOVANNI TEATION (CHIETI),
ITALY

(72)Name of Inventor :

1)SABLONE, GABRIELE

(57) Abstract :

An extensible laminar material 100 includes an extensible layer 106 coupled to at least one laminar layer 102, 104. The extension of the extensible layer 106 starting from a non-extended condition determines the extension of the laminar layer(s) 102, 104 while the return of the extensible layer 106 toward the non-extended condition determines the pulling of the laminar layer(s) 102, 104 into a wrinkled condition. The extensible layer 106 and at least one laminar layer 102, 104 are connected by welding to avoid their detachment. The extensible layer 106 is anchored to at least one laminar layer 102, 104 by lines of spread adhesive 108, 108". The welded connection is absent in correspondence of the lines of spread adhesive 108, 108". Preferably, the material is in the form of a web 100 extensible transversally to the longitudinal extension of the web with the lines of spread adhesive 108, 108" extending along the sides of the web.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4061/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD AND APPARATUS FOR CODING AND DECODING MULTI-VIEW VIDEO IMAGES

(51) International classification :H04N 7/32
(31) Priority Document No :200810066587.0
(32) Priority Date :18/04/2008
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/071343
Filing Date :17/04/2009
(87) International Publication No :WO 2009/127164
(61) 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., LID.
Address of Applicant :HUAWEI ADMINISTRATION
BUILDING, BANTIAN, LONGGANG DISTRICT,
SHENZHEN, GUANGDONG 518129,P.R.CHINA
(72)**Name of Inventor :**
1)GAO,SHAN;
2)LIN, SIXIN;
3)FU, JIALI;

(57) Abstract :

A method for coding multi-view video images is provided in the present invention. The method comprises: obtaining a view dependency between inter-view reference images for a viewpoint image; and encoding the viewpoint image in motion skip mode according to the view dependency and a first inter-view motion dependency of a first non-anchor image, wherein the first non-anchor image has no inter-view reference image. In the embodiments of the present invention, inter-view motion dependencies of the image under coding are set, and therefore, the coding and the decoding of the multi-view video images in motion skip mode are simplified, and the efficiency in and the gain of coding the multi-view video image are improved.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4043/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : A SHOT-TREATMENT MACHINE AND A JIG FOR A SHOT-TREATMENT

(51) International classification	:B24C 3/18
(31) Priority Document No	:2008-252919
(32) Priority Date	:30/09/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/067313
Filing Date	:29/09/2009
(87) International Publication No	:WO 2010/038892
(61) 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
(72)**Name of Inventor :**
1)OYAMA, TADANOBU

(57) Abstract :

Disclosed is a compact shot-treatment machine that enables the quality of a shot treatment for a workpiece to be enhanced, having a tubular portion, without generating dents on the workpiece. The shot-treatment machine comprises a jig 1 having a plurality of axial members 22, each axial member to be passed completely through each tubular portion of one or more workpieces W for holding them, and is detachably mounted on the jig; an enclosure 2 for defining a projection chamber therein; a supporting means 3 for rotatably holding the jig 1 in the projection chamber; a projection device 7 for projecting shots to the workpieces W in the projection chamber; and a circulating mechanism 8 for collecting the shots projected from the projection device 7 and supplying them to the projection device 7.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4044/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR TRANSMITTING MAC PDUS

(51) International classification :H04B 7/26
(31) Priority Document No :61/073,743
(32) Priority Date :18/06/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2009/003276
Filing Date :18/06/2009
(87) International Publication No :WO 2009/154414
(61) 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)CHUN-SUNG-DUCK
2)YI, SEUNG-JUNE
3)PARK, SUNG-JUN
4)LEE, YOUNG-DAE

(57) Abstract :

With respect to generating and sending a MAC PDU by using the radio resources allocated to the mobile terminal, the level of priority between the buffer status report (BSR) and the established logical channels are defined such that the data of each logical channel and buffer status report can be more effectively, efficiently and quickly transmitted.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4048/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : WATER-SOLUBLE AMINE AND USES THEREOF

(51) International classification	:C08G 59/40
(31) Priority Document No	:08158211.6
(32) Priority Date	:13/06/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/057258
Filing Date	:12/06/2009
(87) International Publication No	:WO 2009/150212
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIKA TECHNOLOGY AG

Address of Applicant :ZUGERSTRASSE 50, CH-6340 BAAR SWITZERLAND

(72)Name of Inventor :

1)BÜTIKOFER, PIERRE-ANDRÉ

(57) Abstract :

The present invention relates to novel compounds VB of the formula (I) or (II), said compounds being particularly suitable as curing agents for epoxide resins. The compounds can be produced easily and rapidly. They can be used in the form of aqueous curing agents and form stabile aqueous emulsions in particular. This facilitates the formulation of ECC compounds for use primarily as coatings.

No. of Pages : 62 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4051/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 07/01/2011

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

(51) International classification :H04W 74/04
(31) Priority Document No :2008-111921
(32) Priority Date :22/04/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/057981
Filing Date :22/04/2009
(87) International Publication No :WO 2009/131143
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NTT DOCOMO, INC.
Address of Applicant :11-1, NAGATACHO 2-CHOME,
CHIYODA-KU, YOKYO 100-6150 JAPAN
(72)Name of Inventor :
1)ISHII, HIROYUKI
2)UMESH, ANIL

(57) Abstract :

In a mobile communication method according to the present invention, a mobile station (UE) receives downlink data transmitted from a radio base station by using a downlink radio resource assigned to the mobile station by predetermined scheduling information, in a predetermined cycle. The method includes the steps: (A) notifying, to the mobile station (UE) , the predetermined cycle and information on the downlink radio resource; (B) notifying, to the mobile station (UE), the predetermined scheduling information; and (C) transmitting downlink data in the predetermined cycle by using the downlink radio resource assigned by the predetermined scheduling information, the transmission starting at a certain point determined on the basis of the received predetermined scheduling information. In the step (C) , the predetermined scheduling information is discarded, when the information on the downlink radio resource and information notified by the predetermined scheduling information are inconsistent with each other.

No. of Pages : 72 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4072/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : MANUFACTURING METHOD FOR ABSORBENT PRODUCTS AND MANUFACTURING DEVICE FOR ABSORBENT PRODUCTS

(51) International classification	:A61F 13/15
(31) Priority Document No	:2008-094064
(32) Priority Date	:31/03/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/056712
Filing Date	:31/03/2009
(87) International Publication No	:WO 2009/123213
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)UNICHARM CORPORATION
Address of Applicant :182, SHIMOBUN, KINSEI-CHO,
SHIKOKUCHUO-SHI, EHIME 7990111 JAPAN
(72)Name of Inventor :
1)SAKAGUCHI, SATORU
2)KAMEDA, NORITOMO
3)OKU, TOMOMI

(57) Abstract :

Provided is a manufacturing method for absorbent products that has a process for placing fastening members (30a, 30b), which, are fastenable to prescribed areas, on both sides of a center line (C) that is parallel to the MD-direction of a flap line on connected flaps (120) on the flap line, a process for folding over both edges of connected flaps (120) on the flap line toward the center line (C) that is parallel to the MD-direction, a process for forming flaps (20) by cutting the connected flaps (120) along the CD-direction on the flap line, and a process for placing flaps (20) at a prescribed interval on connected absorbent products (110) on a main body line so that the center line (C) is parallel to the MD-direction.

No. of Pages : 78 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4073/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : APPARATUS AND METHOD FOR APPLYING LABELS TO CONTAINERS

(51) International classification	:B65C 3/06
(31) Priority Document No	:MO2008A000130
(32) Priority Date	:30/04/2008
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2009/005377
Filing Date	:27/04/2009
(87) International Publication No	:WO 2009/133440
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SACMI VERONA S.P.A.

Address of Applicant :VIA SELICE PROVINCIALE, 17/A I-40026 IMOLA(BO) ITALY

(72)Name of Inventor :

1)ORLANDI, IRENEO

2)MARASTONI, DANIELE

(57) Abstract :

An apparatus for applying a "shrink sleeve" label to a container (2) comprises casing means (10) for enclosing said container (2) in a closed chamber (11; 111), heating means (19) for heating a heat-shrinkable element (5) that is a precursor of said "shrink sleeve" label arranged around said container (2) so as to heat-shrink said heat-shrinkable element (5), pressure-reducing means (21) to reduce the pressure in said closed chamber (11; 111).

No. of Pages : 23 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4074/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD AND APAPRATUS FOR DYNAMICALLY INSTANTIATING SERVICES USING A SERVICE INSERTION ARCHITECTURE

(51) International classification :H04L 12/24

(31) Priority Document No :12/229,623

(32) Priority Date :26/08/2008

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

(86) International Application No :PCT/US2009/054256

Filing Date :19/08/2009

(87) International Publication No :WO 2010/027659

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)CISCO TECHNOLOGY, INC.

Address of Applicant :170 WEST TASMAN DRIVE, SAN JOSE, CALIFORNIA 95134-1706 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)DURAZZO, KENNETH

2)QUINN, PAUL

(57) Abstract :

A generic service node that operates in a first state while waiting for instructions to adopt a specific service. Upon receiving the instructions, the generic service node operates in a second state where the node installs software received from a network to enable the generic service node to provide the specific service to the network. The generic service node is in communication with a control node or nodes such that the generic service node can be adapted to provide a particular service as requested by the control node(s).

No. of Pages : 24 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4076/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : GAS BURNER FOR OVENS OR GRILLS

(51) International classification	:F23D 14/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IT2008/000422
Filing Date	:23/06/2008
(87) International Publication No	:WO 2009/157021
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SABAF S.P.A.

Address of Applicant :VIA DEI CARPINI, 1, I-25035

OSPITALETTO (BS) ITALY

(72)Name of Inventor :

1)BETTINZOLI, ANGELO

(57) Abstract :

Gas burner for oven, or grill, of the type comprising at least one Venturi tube (16), for forming the fuel mixture of primary air - gas, having at least one zone with a reduced section followed by a zone with a diverging section, at least one distribution chamber (17) of the fuel mixture, placed downstream the zone with a diverging section of the Venturi tube (16), and a plurality of flame openings (19) for the outflow of the fuel mixture, obtained within such a distribution chamber (17), or in fluidic communication with the latter, as well at least one ignition hole (13) for igniting the burner. Advantageously the latter comprises at least one diversion duct (12) for part of the flow of the fuel mixture, exhibiting its own inlet section obtained in a sector downstream the zone with a reduced section of the Venturi tube (16), and its own outlet section placed at the afore said ignition hole (13).

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4079/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PLANT AND APPARATUS FOR FORMING CROWN CAPS

(51) International classification	:B21D 51/48
(31) Priority Document No	:MO2008A000117
(32) Priority Date	:22/04/2008
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2009/005329
Filing Date	:21/04/2009
(87) International Publication No	:WO 2009/130578
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)SACMI COOPERATIVA MECCANICI IMOLA
SOCIETA' COOPERATIVA**

Address of Applicant :VIA SELICE PROVINCIALE, 17/A, I-
40026 IMOLA (BO) ITALY

(72)Name of Inventor :

1)VILLA, FABRIZIO

2)MIRRI, MARCO

3)SALLIONI, ANDREA

4)BONZI, IVAN

(57) Abstract :

A plant comprises a press (30) for forming crown caps (58) from a metal sheet, a single forming apparatus (1) for forming seals inside corresponding crown caps (58) being connected to said press (30) by a connecting device (31) that is suitable for conveying said crown caps (58) from said press (30) to said single forming apparatus (1).

No. of Pages : 73 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4082/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : TIME AND FREQUENCY HOPPING SCHEMES FOR ORTHOGONAL SUB CHANNELS

(51) International classification	:H04B 7/26
(31) Priority Document No	:61/040,847
(32) Priority Date	:31/03/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2009/050108
Filing Date	:03/02/2009
(87) International Publication No	:WO 2009/123540
(61) 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 :S-164 83 STOCKHOLM, SWEDEN
(72)**Name of Inventor :**
1)ERIKSSON, STEFAN
2)LOPEZ, MIGUEL
3)SUNDBERG, MÅRTEN

(57) Abstract :

The invention relates to a method for transmitting call data in a digital wireless communication network, said call data being transmitted over at least one radio frequency channel in a sequence of timeslots. Call data are transmitted in the network using timeslot hopping in which the call data of each user of the network are transmitted with a different timeslot hopping sequence.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/11/2010

(21) Application No.4084/KOLNP/2010 A

(43) Publication Date : 07/01/2011

(54) Title of the invention : NOVEL PROCESS

(51) International classification	:C07C 227/34
(31) Priority Document No	:679/KOL/2008
(32) Priority Date	:04/04/2008
(33) Name of priority country	:India
(86) International Application No	:PCT/GB2009/050326
Filing Date	:02/04/2009
(87) International Publication No	:WO 2009/122215
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GENERICS [UK] LIMITED

Address of Applicant :ALBANY GATE, DARKES LANE,
POTTERS BAR, HERFORDSHIRE EN6 1AG UNITED
KINGDOM

(72)Name of Inventor :

1)GORE, VINAYAK

2)DATTA, DEBASHISH

3)GADAKAR, MAHESHKUMAR

4)POKHARKAR, KIRAN

5)MANKAR, VIRAJ

6)WAVHAL, SNEHA

(57) Abstract :

The present invention relates to a novel process of preparing an enantiomerically enriched γ -amino acid, such as enantiomerically enriched (S)-pregabalin.

No. of Pages : 42 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4089/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : SYSTEM FOR BLOWING PLASTIC CONTAINERS, SPECIFICALLY BOTTLES

(51) International classification	:B29C 49/12
(31) Priority Document No	:08425384.8
(32) Priority Date	:28/05/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2009/052203
Filing Date	:26/05/2009
(87) International Publication No	:WO 2009/144664
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA

Address of Applicant :VIA SELICE PROVINCIALE, 17/A, I-40026 IMOLA ITALY

(72)Name of Inventor :

1)BORGATTI, MAURIZIO

2)PARRINELLO, FIORENZO

3)RE, EMILIO

4)STOCCHI, GABRIELE

(57) Abstract :

A plant for blow-moulding plastic containers (2) from respective parisons (3) comprises a plurality of moulding units (10), each having a mould (11) for blow-moulding at least one container (2) and at least one stretching rod (14) that moves under the action of a drive device (16) in such a way as to axially deform a respective parison (3); the drive device (16) comprises, for each moulding unit (10) drive motor (17) coupled to the stretching rods (14) of the moulding unit (10) itself.

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

(54) Title of the invention : HERBICIDAL COMPOSITION COMPRISING GLYPHOSATE, GLUFOSINATE OR THEIR SALTS

(51) International classification :A01N 57/20
 (31) Priority Document No :61/055,040
 (32) Priority Date :21/05/2008
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/EP2009/056105
 Filing Date :20/05/2009
 (87) International Publication No :WO 2009/141367
 (61) 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)SIEVERNICH, BERND**2)MOBERG, WILLIAM, KARL****3)SIMON, ANJA****4)WALTER, HELMUT****5)EVANS, RICHARD, R.**

(57) Abstract :

The present invention relates to a herbicidal composition which comprises: a) at least one herbicide A selected from glyphosate, glufosinate and their salts, and b) a herbicide B which is 3-[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)pyrazol-4-ylmethylsulfonyl]-4,5-dihydro-5,5-dimethyl-1,2-oxazole [common name: pyroxasulfone]. The present invention relates in particular to a herbicidal composition comprising: a) at least one herbicide A selected from glyphosate, glufosinate and their salts, b) a herbicide B which is 3-[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)pyrazol-4-ylmethylsulfonyl]-4,5-dihydro-5,5-dimethyl-1,2-oxazole [common name: pyroxasulfone], and c) at least one further herbicide C, which is selected from the herbicide groups C.1 to C.8: C.1 herbicides of the group of acetolactat synthase inhibitors (ALS inhibitors), C.2 herbicides of the group of protoporphyrinogen oxidase inhibitors (PPO inhibitors), C.3 herbicides of the group of auxines, C.4 herbicides of the group of 4-hydroxyphenyl-pyruvate-dioxygenase inhibitors (HPPD inhibitors), C.5 herbicides of the group of phytoene desaturase inhibitors (PDS inhibitors), C.6 herbicides of the group of photosystem II inhibitors (PSII inhibitors), C.7 herbicides of the group of microtubulin inhibitors, and C.8 herbicides of the group of inhibitors of the synthesis of very long chain fatty acids (VLCFA inhibitors).

No. of Pages : 130 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4093/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PACKAGING AND DISPLAY TRAY FORMED FROM INTERLOCKED BLANKS

(51) International classification	:B65D 5/20
(31) Priority Document No	:61/053,070
(32) Priority Date	:14/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/043729
Filing Date	:13/05/2009
(87) International Publication No	:WO 2009/140346
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CADBURY ADAMS USA LLC
Address of Applicant :389 INTERPACE
PARKWAY,PARSIPPANY, NJ 07054 UNITED STATES OF
AMERICA.
(72)**Name of Inventor :**
1)ALDRIDGE, ALLEN, S.
2)BOWERS, PAUL, K
3)CLARK, KERRI
4)HAWTHORNE, BRIAN

(57) Abstract :

The present invention provides a tray (12) for accommodating and dispensing a stacked plurality of consumable product packages (14) and a method for forming the tray. The tray includes a housing having a bottom wall (20), opposed front and back walls, and opposed side walls (24) extending upwardly from the bottom wall. The housing defines an open upper end (22). The side walls (24) include an undulating upper extent defined by space apart upwardly opening recesses (32). The recesses extend below the stacked packages for permitting manual grasping of the individual stacked packages through the side walls.

No. of Pages : 35 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4094/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : BRAILLE WRITER

(51) International classification	:B41J 3/32
(31) Priority Document No	:29/317,681
(32) Priority Date	:05/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/080172
Filing Date	:16/10/2008
(87) International Publication No	:WO 2009/136961
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PERKINS SCHOOL FOR THE BLIND

Address of Applicant :175 NORTH BEACON STREET,
WATERTOWN, MA 02472 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)MORGAN, DAVID, S

2)CARTHART, DAVID, A

3)DMITRIYEV, STANISLAV

4)GUNDERSON, BJORN, JAMES

5)PATADIA, SONA

6)PULIK, LINDA

7)YANZ, LISA, A.

(57) Abstract :

Mechanical braille writer. The braille writer includes a chassis supporting a plurality of finger operated keys with each key mechanically interconnected with an embossing mechanism so that depression of a key causes a corresponding one of a plurality of pins in the embossing mechanism to extend outwardly from the embossing mechanism to create a raised dot on paper adjacent to the embossing mechanism. The embossing mechanism comprises a block adapted for slidably guiding the plurality of pins for paper contact. It is preferred that each one of the plurality of pins is straight and identical to the other pins.

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4095/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : SUBSTITUTED PYRIDIN-4-YLMETHYL SULFONAMIDES

(51) International classification	:A01N 43/40
(31) Priority Document No	:08156640.8
(32) Priority Date	:21/05/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/055963
Filing Date	:18/05/2009
(87) International Publication No	:WO 2009/141290
(61) 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 LUDWIGSHANFEN

GERMANY

(72)Name of Inventor :

1)GRAMMENOS, WASSILIOS

2)GLÄTTLI, ALICE

3)LOHMANN, JAN KLASS

4)MÜLLER, BERND

5)VRETTOU, MARIANNA

(57) Abstract :

The present invention relates to the use of pyridin-4-ylmethyl sulfonamides of formula (I) (I) wherein Ra, n, A, Y and D are as defined in the claims and the N-oxides and the salts thereof for combating phytopathogenic harmful fungi, and and to compositions and seeds comprising at least one such compound. The invention also relates to to novel substituted sulfonic acid amide compounds and processes for preparing these compounds.

No. of Pages : 67 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4099/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : FLOW CYTOMETER REMOTE MONITORING SYSTEM

(51) International classification :G06F 11/00

(31) Priority Document No :12/151,156

(32) Priority Date :02/05/2008

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

(86) International Application No :PCT/US2009/002715

Filing Date :01/05/2009

(87) International Publication No :WO 2009/134442

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)INGURAN, LLC

Address of Applicant :22575 STATE HIGHWAY 6 SOUTH,
NAVASOTA, TX 77868 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)SALINAS, JAMES, J.

2)EVANS, KENNETH, M.

(57) Abstract :

Generally, a computer implemented remote monitoring system which generates a viewable reduced byte data representation for each one of a plurality of analyzed instrument signals. Specifically, a flow cytometer remote monitoring system which generates a viewable reduced byte data representation for each one of a plurality analyzed flow cytometer signals.

No. of Pages : 45 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4102/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD AND SYSTEM FOR PROCESSING CORRECTION FIELD INFORMATION

(51) International classification :H04L 7/00
(31) Priority Document No :200810115415.8
(32) Priority Date :23/06/2008
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/072256
Filing Date :12/06/2009
(87) International Publication No :WO 2009/155828
(61) 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)SUN, WENHUA

2)WANG, XIAOBO

3)LI, BINGBO

4)XU, WENGUANG

5)YANG, SHENGBING

6)DENG, YOUHAO

7)WANG, JIHUI

(57) Abstract :

A method and system for processing correction field information are provided. The method includes: receiving a packet, and obtaining a first correction value carried by the packet; obtaining first time information and second time information; obtaining a second correction value according to the first correction value and the first time information; setting the second correction value in the packet; setting the second time information in the packet; obtaining third time information and fourth time information; obtaining a third correction value according to the second correction value, the second time information, the third time information, and the fourth time information; and setting the third correction value in the packet. The processing of the time information and the processing of the correction field information are performed with a set of processing mechanism, and the implementation is simpler.

No. of Pages : 36 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4104/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : NODE DEVICE AND PROGRAM

(51) International classification	:H04L 12/56
(31) Priority Document No	:2008-115023
(32) Priority Date	:25/04/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/001924
Filing Date	:27/04/2009
(87) International Publication No	:WO 2009/130918
(61) 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)TADASHIGE IWAO

2)KENARO MASUBUCHI

3)CHIAKI NAKAJIMA

4)KENTARO IKEMOTO

5)SYUNSUKE KOGA

6)YUJI TAKAHASHI

(57) Abstract :

A node device and a program of simple structures autonomously select an appropriate route without imposing a load on a network. In a node device 1 in a communication network, an FID management table 5 stores an FID for unique identification of a frame and the information about a destination node of the frame, and a weighting table 7 stores weighting information about another node as a destination for relay of the frame for each final destination node of the frame. When a frame transmitted to a local node is received, and if the FID of the received frame is stored in the FID management table 5, the data about the destination node associated with the FID is updated. If the FID of the frame received from the frame reception device is not stored in the FID management table 5, the FID management table 5 corresponding to the destination node of the frame is referred to, and another node as a destination for relay of the frame is determined.

No. of Pages : 74 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4211/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :09/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : ULTRA SUPERCRITICAL BOILER HEADER ALLOY AND METHOD OF PREPARATION

(51) International classification :C22C 19/05

(31) Priority Document No :61/043,881

(32) Priority Date :10/04/2008

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

(86) International Application No :PCT/US2009/040019

Filing Date :09/04/2009

(87) International Publication No :WO 2009/151759

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)HUNTINGTON ALLOYS CORPORATION

Address of Applicant :3200 RIVERSIDE DRIVE,
HUNTINGTON, WEST VIRGINIA 25705 U.S.A.

(72)Name of Inventor :

1)BAKER, BRIAN, A.

2)SMITH, GAYLORD, D.

3)GOLLIHUE, RONALD, D.

(57) Abstract :

A high temperature, high strength Ni-Co-Cr alloy possessing essentially fissure-free weldability for long-life service at 538C to 816C contains in % by weight about: 23.5 to 25.5% Cr, 15-22% Co, 1.1 to 2.0% Al, 1.0 to 1.8 % Ti, 0.95 to 2.2% Nb, less than 1.0% Mo, less than 1.0% Mn, less than 0.3% Si, less than 3% Fe, less than 0.3% Ta, less than 0.3% W, 0.005 to 0.08% C, 0.01 to 0.3% Zr, 0.0008 to 0.006% B, up to 0.05% rare earth metals, 0.005% to 0.025% Mg plus optional Ca and the balance Ni including trace additions and impurities. The strength and stability is assured at 760C when the Al/Ti ratio is constrained to between 0.95 and 1.25. Further, the sum of Al + Ti is constrained to between 2.25 and 3.0. The upper limits for Nb and Si are defined by the relationship: (% Nb + 0.95) + 3.32(% Si) <3.16.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4063/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : TISSUE APPPOSITION METHOD AND DEVICE INVOLVING SHEETS WITH INTEGRATED TENSIONING SYSTEM

(51) International classification	:A61F 5/00
(31) Priority Document No	:12/113,752
(32) Priority Date	:01/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/042312
Filing Date	:30/04/2009
(87) International Publication No	:WO 2009/135002
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ETHICON ENDO-SURGERY, INC.

Address of Applicant :4545 CREEK ROAD CINCINNATI,
OH 45242 U.S.A.

(72)Name of Inventor :

1)MARK S. ZEINER

2)MICHAEL J. STOKES

3)THOMAS E. ALBRECHT

4)JASON L. HARRIS

5)MARK S. ORTIZ

6)LAWRENCE CRAINICH

(57) Abstract :

A tensioning system for restricting the available volume of a gastric cavity includes a base material that is shaped and dimensioned for surgical attachment to surfaces on or within the body. Multiple tensioning members are incorporated into the base material, each of the tensioning members including a first end and a second end, wherein pulling upon the tensioning member will cause edges of the base material to be drawn together. The method for restricting the available volume of a gastric cavity includes securing edges of a tensioning system to the gastric cavity and drawing the edges of the tissue together to create a fold in the tissue.

No. of Pages : 56 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4064/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : CAMERA FOR POSITIONING IN THE PYLORUS DURING BARIATRIC PROCEDURES

(51) International classification	:A61B 1/05
(31) Priority Document No	:12/113,699
(32) Priority Date	:01/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/042268
Filing Date	:30/04/2009
(87) International Publication No	:WO 2009/134978
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ETHICON ENDO-SURGERY, INC.

Address of Applicant :4545 CREEK ROAD CINCINNATI,
OH 45242 U.S.A.

(72)Name of Inventor :

1)MARK S. ZEINER

(57) Abstract :

A lumenal camera assembly includes housing and a pill cam supports the housing. The housing is shaped and dimensioned for placement within the pylorus.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4065/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : GASTRIC COIL MANIPULATOR

(51) International classification :A61B 17/02
(31) Priority Document No :12/113,677
(32) Priority Date :01/05/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/042343
Filing Date :30/04/2009
(87) International Publication No :WO 2009/135023
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ETHICON ENDO-SURGERY, INC.
Address of Applicant :4545 CREEK ROAD CINCINNATI,
OH 45242 U.S.A.
(72)**Name of Inventor :**
1)THOMAS E. ALBRECHT
2)MARK S. ORTIZ
3)JASON L. HARRIS

(57) Abstract :

A gastric coil manipulator includes a longitudinally extending shaft having a distal end and a proximal end and a flexible element with a portion thereof extending beyond the distal end of the shaft for the creation of a resilient arc, wherein an actuator cable is secured to the flexible element for manipulation of the portion of the flexible element extending beyond the distal end of the shaft.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4066/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : CLIP AND DELIVERY ASSEMBLY USED IN FORMING A TISSUE FOLD

(51) International classification :A61B 17/064
(31) Priority Document No :12/113,666
(32) Priority Date :01/05/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/042341
Filing Date :30/04/2009
(87) International Publication No :WO 2009/135022
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ETHICON ENDO-SURGERY, INC.
Address of Applicant :4545 CREEK ROAD CINCINNATI,
OH 45242 U.S.A.

(72)Name of Inventor :
1)JASON L. HARRIS
2)MICHAEL J. STOKES
3)MARK S. ZEINER
4)LAWRENCE CRAINICH

(57) Abstract :

A system for tissue apposition includes a delivery assembly having a tissue clip selectively secured thereto for the deployment and application of the tissue clip. The tissue clip is shaped and dimensioned for engaging spaced locations along a span of tissue and upon rotation thereof drawing the spaced locations together into apposition to thereby create a fold of tissue.

No. of Pages : 49 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4067/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : GASTRIC VOLUME REDUCTION USING ANTERIOR TO POSTERIOR WALL JUNCTIONS

(51) International classification :A61F 5/00
(31) Priority Document No :12/113,686
(32) Priority Date :01/05/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/042337
Filing Date :30/04/2009
(87) International Publication No :WO 2009/135018
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ETHICON ENDO-SURGERY, INC.
Address of Applicant :4545 CREEK ROAD CINCINNATI,
OH 45242 U.S.A.
(72)**Name of Inventor :**
1)JASON L. HARRIS
2)MARK S. ZEINER
3)THOMAS E. ALBRECHT
4)MICHAEL J. STOKES
5)DANIEL E. ALES
6)LAWRENCE CRAINICH
7)MARK S. ORTIZ

(57) Abstract :

A restriction system for joining anterior and posterior walls of a gastric cavity in the performance of the gastric reduction surgery includes a first restriction ring and a second restriction ring shaped and dimensioned for engagement with the first restriction ring for effectively decreasing the volume available within the gastric cavity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4069/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : ABSORBENT ARTICLE

(51) International classification	:A61F 13/49
(31) Priority Document No	:2008-094108
(32) Priority Date	:31/03/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/055839
Filing Date	:24/03/2009
(87) International Publication No	:WO 2009/122970
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNICHARM CORPORATION

Address of Applicant :182, SHIMOBUN, KINSEI-CHO,
SHIKOKUCHUO-SHI, EHIME 7990111 JAPAN

(72)Name of Inventor :

1)SAKAGUCHI, SATORU

(57) Abstract :

Disclosed is an absorbent product wherein a pair of foldable parts (50a, 50b) that can be folded back is formed on both sides in the width direction of the absorbent product on portions of a flap (30). On the pair of foldable parts (50a, 50b), fastening parts (40a, 40b) that can fasten to prescribed areas of a front torso-surrounding part (20b) or a back torso-surrounding part (20a) are respectively disposed. The flap (30) is connected to the front torso-surrounding part (20b) or the back torso-surrounding part (20a) at the two ends (A1, A2) in the width direction of fee absorbent product. Between the two ends (A1, A2) and the foldable parts (50a) and (50b), non-connected areas (D) are provided where the flap (30) is not connected to the front torso-surrounding part (20b) or the back torso-surrounding part (20a).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4244/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :11/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : ALUMINIUM COMPLEX AND USE THEREOF

(51) International classification	:C07C 39/14
(31) Priority Document No	:2008-137091
(32) Priority Date	:26/05/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/002279
Filing Date	:25/05/2009
(87) International Publication No	:WO 2009/144906
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TAKASAGO INTERNATIONAL CORPORATION
Address of Applicant :37-1, KAMATA 5-CHOME, OHTA-KU, TOKYO 144-8721 JAPAN
(72)**Name of Inventor :**
1)ITOH, HISANORI
2)HORI, YOJI

(57) Abstract :

Provided is a method for enriching the proportions of the optical isomers not only of a compound produced by ring closure but also of the remaining compound which has not undergone ring closure when a mixture of optical isomers of a compound having a formyl group and a double bond which can undergo an intra-molecular carbonyl-ene ring-closing reaction is subjected to a ring-closing reaction. The method for the enrichment of the proportions of the optical isomers, wherein a mixture of optical isomers of a compound having a formyl group and a double bond which can undergo an intra-molecular carbonyl-ene ring- closing reaction is subjected to a ring-closing reaction, is carried out in the presence of a specified aluminum complex of general formula $[Al_2(L_1)_n(L_2)_{3-n}]m$.

No. of Pages : 50 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4359/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : AUTOMATIC VOLTAGE REGULATOR

(51) International classification	:G05F 1/14
(31) Priority Document No	:10-2008-0040180
(32) Priority Date	:30/04/2008
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2009/001772
Filing Date	:07/04/2009
(87) International Publication No	:WO 2009/134016
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CSKK (HKG) LIMITED

Address of Applicant :9TH FLOOR, YAT CHAU BUILDING, 262 DES VOEUX ROAD CENTRAL, SHEUNG WAN, HONG KONG(China)

2)LEE, MYUNG HWAN

(72)Name of Inventor :

1)LEE, MYUNG HWAN

(57) Abstract :

The present invention relates to an automatic voltage regulator, and more specifically, to an automatic voltage regulator capable of precisely controlling the output voltage level by using a toroidal autotransformer. The present invention relates to an automatic voltage regulator which converts the input voltage applied to an input terminal and outputs the converted voltage to an output terminal, the automatic voltage regulator comprising: a main winding unit having one end thereof connected to the input terminal and the other end thereof connected to the output terminal, and having a plurality of main windings and a plurality of first switches for switching so that the plurality of main windings are selectively serially connected; a field winding excited by at least one of the main windings connected serially by the first switches of the main winding unit; a second switch for selectively connecting one end of the field winding to the reference potential or the output terminal; a third switch for connecting the other end of the field winding to the reference potential or the input terminal; and a control unit which regulates the level of output voltage at the output terminal by switching control of the plurality of first switches, the second switch, and the third switch. The present invention has precise voltage control to enable the output of the voltage level desired by the user, and precisely carries out a variety of applications of power saving and voltage booster. In particular, the present invention can boost/reduce the input voltage to provide a desired target voltage within an error range of 1 volt or less. The present invention also comprises a simple relay switching circuit and excludes semiconductor switching devices, thereby being capable of operating adaptively in different system environments without an additional modification. Further, the present invention does not form many output taps or auxiliary coils, and can regulate the voltage in a broader range, and at the same time can accurately output any values within the voltage regulation band.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4360/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR MANUFACTURING A COOLING ELEMENT AND A COOLING ELEMENT

(51) International classification :F27B 1/24

(31) Priority Document No :20085671

(32) Priority Date :30/06/2008

(33) Name of priority country :Finland

(86) International Application No :PCT/FI2009/050593

Filing Date :30/06/2009

(87) International Publication No :WO 2010/000940

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)OUTOTEC OYJ

Address of Applicant :RIIHITONTUNTIE 7 E, FI-02200
ESPOO, FINLAND

(72)Name of Inventor :

1)PEURANIEMI, ESA

2)SEPPÄLÄ, KAI

3)JÄ...FS, MIKAEL

(57) Abstract :

The invention relates to a method for coating the frame element of a cooling element (1) used in connection with a metallurgical furnace or the like, said frame element being mainly made of copper, at least partly with a metal coating (3). In the method, the metal coating (3) is explosion welded to the frame element of a cooling element (1) mainly made of copper. The invention also relates to a cooling element, particularly to be used in connection with metallurgical furnaces or the like, said cooling element comprising a frame element (1) mainly made of copper, in which frame element there is arranged a cooling water channel system (2), said frame element of the cooling element (1) being at least partly coated with a metal coating (3). The metal coating (3) is explosion welded to the frame element (1) that is mainly made of copper.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4361/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PROCESS TO DISPERSE ORGANIC MICROPARTICLES/NANOPARTICLES INTO NON-AQUEOUS RESIN MEDIUM

(51) International classification	:C08L 67/06
(31) Priority Document No	:61/076,082
(32) Priority Date	:26/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/004479
Filing Date	:22/06/2009
(87) International Publication No	:WO 2009/156106
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)COOK COMPOSITES AND POLYMERS COMPANY
Address of Applicant :820 EAST 14TH AVENUE, NORTH KANSAS CITY, MO 64114 UNITED STATES OF AMERICA.
(72)**Name of Inventor :**
1)HSU, CHIH-PIN
2)ZHAO, MING-YANG
3)VOEKS, STEVEN, L.

(57) Abstract :

This invention is about process to disperse organic nano-particles into non-aqueous resin medium. The process includes the steps of a) prepare resin dispersion/emulsion in water where the resin containing unsaturation in the polymer chain; b) cure the resin dispersion by adding monomer and initiator or initiator, c) add the cured dispersion/emulsion during the synthesis steps of resin medium. The amount of organic nano-particle in resin medium can be 2 to 30% by weight.

No. of Pages : 19 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4362/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : COMBINATION THERAPY WITH PM00104 AND ANOTHER ANTITUMOR AGENT

(51) International classification :A61K 31/282

(31) Priority Document No :61/053,726

(32) Priority Date :16/05/2008

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

(86) International Application No :PCT/US2009/044334

Filing Date :18/05/2009

(87) International Publication No :WO 2009/140675

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PHARMA MAR, S.A.

Address of Applicant :POLIGONO INDUSTRIAL LA MINA,
AVDA. DE LOS REYES, 1, COLMENAR VIEJO, E-28770
MADRID SPAIN

(72)Name of Inventor :

1)LEPAGE, DOREEN

2)AVILES MARIN, PABLO, MANUEL

3)GUILLEN NAVARRO, MARIA, JOSE

(57) Abstract :

The present invention relates to combinations of PMOO 104 with other anticancer drugs, and the use of these combinations in the treatment of cancer.

No. of Pages : 177 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4363/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : A TERMINAL APPARATUS AND A METHOD FOR TRANSMITTING FEEDBACK INFORMATION IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04B 7/26
(31) Priority Document No	:61/078,772
(32) Priority Date	:08/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2009/003713
Filing Date	:07/07/2009
(87) International Publication No	:WO 2010/005226
(61) 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)CHO, HAN GYU

2)IHM, BIN CHUL

3)KWAK, JIN SAM

(57) Abstract :

A mobile station apparatus for transmitting feedback information in a wireless communication system and method thereof are disclosed. According to the present invention, feedback information is transmitted by a mobile station in a wireless communication system. The present invention includes receiving an allocation of a specific frequency partition from a base station by a fractional frequency reuse (FFR), generating a prescribed type feedback information on the specific frequency partition by measuring a channel quality of the specific frequency partition, and transmitting the feedback information on the specific frequency partition to the base station. Preferably, the mobile station can transmit feedback information on a frequency partition unallocated by the base station based on the received feedback request information. Accordingly, feedback overhead can be decreased in feedback transmission.

No. of Pages : 37 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4365/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PROCESS FOR PREPARING POLYUREA MICROCAPSULES

(51) International classification :B01J 13/16
(31) Priority Document No :PCT/IB2008/052368
(32) Priority Date :16/06/2008
(33) Name of priority country :IB
(86) International Application No :PCT/IB2009/052414
Filing Date :08/06/2009
(87) International Publication No :WO 2009/153695
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)FIRMENICH SA

Address of Applicant :1, ROUTE DES JEUNES, P.O. BOX
239, CH-1211 GENEVA 8 SWITZERLAND

(72)Name of Inventor :

1)OUALI, LAHOUSINE

2)STRUILLOU, ARNAUD

3)RASSAT, ESTELLE

4)JACQUEMOND, MARLÈNE

5)GRÄTHER, OTTO

6)BELLOUARD DREVET, CLAUDIE

(57) Abstract :

The present invention relates to a process for producing perfume-containing microcapsules with a polyurea wall that can be used in home or personal care products, as well as to the microcapsules themselves and consumer products comprising these microcapsules. The process of the invention uses a particular colloidal stabilizer in the form of an aqueous solution comprising defined proportions of particular polymers.

No. of Pages : 36 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4366/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : APPARATUS AND METHOD FOR COMPOSING SCENES USING RICH MEDIA CONTENTS

(51) International classification :H04N 7/173
(31) Priority Document No :10-2008-0036891
(32) Priority Date :21/04/2008
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2009/002078
Filing Date :21/04/2009
(87) International Publication No :WO 2009/131359
(61) 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)HWANG, SEO-YOUNG
2)SONG, JAE-YEON
3)LEE, KOOK-HEUI

(57) Abstract :

A user interface method and apparatus for a Rich Media service in a terminal A decoder decodes a received stream to check a header of the received stream. A renderer adaptively composes a scene using scene composition elements of the received stream, according to adaptation information in the header checked by the decoder, and a display displays the adaptively composed scene.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4367/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : PYRIDAZINONE DERIVATIVES

(51) International classification	:C07D 403/14
(31) Priority Document No	:10 2008 019 907.9
(32) Priority Date	:21/04/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/002137
Filing Date	:24/03/2009
(87) International Publication No	:WO 2009/129905
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MERCK PATENT GMBH

Address of Applicant :FRANKFURTER STRASSE 250,
64293 DARMSTADT GERMANY

(72)Name of Inventor :

1)DORSCH, DIETER

2)SCHADT, OLIVER

3)STIEBER, FRANK

4)BLAUKAT, ANDREE

(57) Abstract :

Compounds of the formula (I), where R1, R2, R3, W and D are as indicated in claim 1, are inhibitors of tyrosine kinases, in particular of Met kinase, and can be used for the treatment of tumors, among other things.

No. of Pages : 79 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4368/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : SAMPLING VALVE

(51) International classification :F16K 3/26
(31) Priority Document No :10 2008 019 982.6
(32) Priority Date :21/04/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2009/000466
Filing Date :03/04/2009
(87) International Publication No :WO 2009/129770
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MANFRED VÖLKER
Address of Applicant :MEISENWEG 1, 63825
BLANKENBACH GERMANY
(72)**Name of Inventor :**
1)MANFRED VÖLKER

(57) Abstract :

The sampling valve comprises a valve body that is movable in a valve housing between a closing position and an opening position of the sampling valve, and is characterized in that the valve body comprises an outlet bore for the sample to be taken, the outlet bore continuously increasing in size towards the free end of the valve body, and that the lower edge of the outlet bore is sloping downwards towards the free end. After a sample has been taken, there will be no drops remaining in the outlet bore, whereby a source of contamination for a sample taken that has so far been encountered frequently is now eliminated.

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4369/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : FIBER OPTIC SPLICE TRAY

(51) International classification	:G02B 6/44
(31) Priority Document No	:61/046,678
(32) Priority Date	:21/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/040842
Filing Date	:16/04/2009
(87) International Publication No	:WO 2009/131895
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ADC TELECOMMUNICATIONS, INC.
Address of Applicant :13625 TECHNOLOGY DRIVE EDEN PRAIRIE, MINNESOTA 55344-2252 U.S.A.

(72)**Name of Inventor :**
1)BRAN DE LEON, OSCAR, FERNANDO
2)SOLHEID, JAMES, J.
3)LEBLANC, THOMAS, G.
4)SMITH, TREVOR, D.

(57) Abstract :

A splice tray includes a splice region and a fiber management region to facilitate splicing together two or more fibers. The splice tray can be pivotally coupled to one or more additional splice trays using pivot linkages to form a splice tray arrangement. A pivot linkage can include first and second laterally spaced coupling sections extending in opposite directions. A magnetic coupling arrangement can releasably secure the splice trays of a splice tray arrangement to one another.

No. of Pages : 85 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4370/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : REPRODUCER, PROGRAM, AND REPRODUCING METHOD

(51) International classification	:G11B 20/10
(31) Priority Document No	:JP2004-141560
(32) Priority Date	:11/05/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/008488
Filing Date	:10/05/2005
(87) International Publication No	:WO 2005/109434
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3209/KOLNP/2006
Filed on	:03/11/2006

(71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 JAPAN

(72)Name of Inventor :

1)KEIICHI TANAKA

2)MASAHIRO OASHI

3)TOMOKAZU KANAMARU

(57) Abstract :

When a plurality of AVClips recorded on a BD-ROM and Local Storage 18 constitute one stream sequence/ a Playback Control Engine 32 starts playback if at least one AVClip of the stream sequence is in an enable status, even when the stream sequence also includes an AVClip which is in a disable status. While one AVClip is being played back, a Virtual File System unit 38 changes a remaining AVClip to the enable status of being recognizable by the Playback Control Engine 32 or the disable status of being unrecognizable by the Playback Control Engine 32, according to a method call by an application.

No. of Pages : 105 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4371/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : REPRODUCER, PROGRAM AND REPRODUCING METHOD

(51) International classification	:G11B 20/10
(31) Priority Document No	:JP 2004-141560
(32) Priority Date	:11/05/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/008488
Filing Date	:10/05/2005
(87) International Publication No	:WO 2005/109434
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3209/KONP/2006
Filed on	:03/11/2006

(71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006,OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 JAPAN

(72)Name of Inventor :

1)KEIICHI TANAKA

2)MASAHIRO OASHI

3)TOMOKAZU KANAMARU

(57) Abstract :

When a plurality of AVClips recorded on a BD-ROM and Local Storage 18 constitute one stream sequence, a Playback Control Engine 32 starts playback if at least one AVClip of the stream sequence is in an enable status, even when the stream sequence also includes an AVClip which is in a disable status. While one AVClip is being played back, a Virtual File System unit 38 changes a remaining AVClip to the enable status of being recognizable by the Playback Control Engine 32 or the disable status of being unrecognizable by the Playback Control Engine 32, according to a method call by an application.

No. of Pages : 106 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4372/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : REPRODUCER, PROGRAM, AND REPRODUCING METHOD

(51) International classification	:G11B 20/10
(31) Priority Document No	:JP2004-141560
(32) Priority Date	:11/05/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/008488
Filing Date	:10/05/2005
(87) International Publication No	:WO 2005/109434
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:3209/KOLNP/2006
Filed on	:03/11/2006

(71)**Name of Applicant :**
1)PANASONIC CORPORATION
Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 JAPAN
(72)**Name of Inventor :**
1)KEIICHI TANAKA
2)MASAHIRO OASHI
3)TOMOKAZU KANAMARU

(57) Abstract :

When a plurality of AVClips recorded on a BD-ROM and Local Storage 18 constitute one stream sequence, a Playback Control Engine 32 starts playback if at least one AVClip of the stream sequence is in an enable status, even when the stream sequence also includes an AVClip which is in a disable status. While one AVClip is being played back, a Virtual File System unit 38 changes a remaining AVClip to the enable status of being recognizable by the Playback Control Engine 32 or the disable status of being unrecognizable by the Playback Control Engine 32, according to a method call by an application.

No. of Pages : 103 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4373/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : IMMUNODOMINANT MYCOBACTERIUM TUBERCULOSIS PEPTIDES FROM CELL WALL PROTEINS FOR EARLY DIAGNOSIS AND IMMUNIZATION

(51) International classification	:G01N 33/569,C12R 1/32
(31) Priority Document No	:61/046,405
(32) Priority Date	:19/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/041077
Filing Date	:20/04/2009
(87) International Publication No	:WO 2009/129521
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NEW YORK UNIVERSITY

Address of Applicant :70 WASHINGTON SQUARE SOUTH,
NEW YORK, NY 10012, U.S.A.

(72)Name of Inventor :

1)SUMAN LAAL

2)SUSAN ZOLLA-PAZNER

(57) Abstract :

A number of peptide epitopes and fragments from three Mycobacterium tuberculosis (Mtb) cell wall proteins have been identified as early antigens that induce antibodies early during Mtb infection in humans. The proteins are Proline-Threonine Repetitive Protein (PTRP), PE-PGRS51, and LipC. These peptides, alone or in mixtures, or as parts of fusion polypeptides or peptide multimers, are useful as antigens for serological detection of early in infection by detecting the presence of early antibodies against these proteins, thereby permitting earlier diagnosis of Mtb infection than was heretofore possible by conventional means. The above peptides and other peptide-based compositions are also used as immunogens for inclusion in TB vaccines. Also provided are methods for early diagnosis of Mtb infection and for immunizing a subject to prevent or treat Mtb infections and tuberculosis.

No. of Pages : 139 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4374/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : DEVICE FOR DISCHARGING A SOLID MATERIAL FROM A CONTAINER

(51) International classification	:B65D 88/28
(31) Priority Document No	:102008024576.3
(32) Priority Date	:21/05/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/003282
Filing Date	:08/05/2009
(87) International Publication No	:WO 2009/141063
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UHDE GMBH

Address of Applicant :FRIEDRICH-UHDE-STRASSE 15,
44141 DORTMUND, GERMANY

(72)Name of Inventor :

1)HAMEL, STEFAN

2)KUSKE, EBERHARD

(57) Abstract :

With a device for discharge, particularly of a very fine-grained solid material or solid material mixture, from a container having a discharge funnel in the direction of gravity, underneath the main container part, a solution is to be created, with which the disadvantages of double-wall cone designs, particularly also at high system pressures, are avoided, with a simple, versatile design. This is achieved in that a part (3) of the discharge funnel in the upper region that faces the container (2) is formed partly by the container wall itself, which makes a transition into a cylindrical lower container part (4), while the further part that carries the discharge adapter (14) is formed by a separate cylinder element (9) with funnel part (11), which element is installed in the cylindrical lower container part (4).

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4375/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :19/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : MOBILE IMPLEMENT PROVIDED WITH STABILITY MONITORING SYSTEM

(51) International classification	:B66C 23/90	(71)Name of Applicant :
(31) Priority Document No	:102008024612.3	1)PUTZMEISTER ENGINEERING GMBH
(32) Priority Date	:21/05/2008	Address of Applicant :MAX-EYTH-STRASSE 10, 72631
(33) Name of priority country	:Germany	AICHTAL, GERMANY
(86) International Application No	:PCT/EP2009/053765	(72)Name of Inventor :
Filing Date	:31/03/2009	1)BERGEMANN, DIETER
(87) International Publication No	:WO 2009/141193	2)GELIES, STEPHAN
(61) Patent of Addition to Application	:NA	3)HÄFNER, THORSTEN
Number	:NA	4)NEUBERT, MICHAEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a mobile implement, particularly an automatic concrete pump, comprising stability monitoring system. The implement comprises substantially an undercarriage (10), which can be supported on a subsurface (28) by means of two front and two rear outriggers (20, 24). A measuring element (30", 30") each is disposed in the telescoping support legs (23, 25) of the outriggers (20, 24) for determining the supporting force. For this purpose, the support legs (23, 25) each have an upper telescoping element (70) connected to the associated outrigger (20, 24) at an upper connection point (38), and a support base (26) that can be displaced relative to the upper element and is supported on the subsurface (28) at the lower end thereof at a lower connection point (36). For this purpose, the measuring element (30", 30") configured as a force sensor is disposed either directly at the upper connection point (38) between the outrigger (20,24) and the upper telescoping element (70), or in the region of the lower connection point (36) between the lower telescoping element (42) and the support base (26). In the first case, the upper telescoping element (70) together with a pressure piece (72) in a sleeve-like receiving portion (74), which is disposed at the outrigger (20, 24) and directed downward and has a radially spring-centered tolerance, under the action of the supporting force axially abuts on a load transfer point (76) at the measuring element (30"), while in the latter case the support base (26) together with a pressure piece (50) in a receiving portion (46), which is disposed at the lower telescoping element (42) and has a radially spring-centered tolerance, under the action of the supporting force axially abuts on a load transfer point (48) of the measuring element (30").

No. of Pages : 42 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4378/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD, APPARATUS AND COMPUTER PROGRAM FOR SUPPORTING A SESSION IDENTIFIER IN CASE OF A TRANSFER BETWEEN DIFFERENT RADIO ACCESS NETWORKS

(51) International classification	:H04W 36/14
(31) Priority Document No	:61/047.571
(32) Priority Date	:24/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/003014
Filing Date	:24/04/2009
(87) International Publication No	:WO 2009/130042
(61) 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 :S-164 83 STOCKHOLM, SWEDEN
(72)Name of Inventor :
1)KELLER, RALF
2)NOHLGREN, ANDERS
3)RANKE, KARL-PETER

(57) Abstract :

The invention refers to supporting a communication established between a first mobile terminal (18) towards a telecommunications network (1), the telecommunications network (1) comprising a first radio access network (13) and a second radio access network (14) and an application server (10), wherein the application server performs the steps of receiving an identifier that a session setup was initiated with respect to the first mobile terminal (18), wherein the identifier is adapted to identify the session, entering the identifier into an identifier list comprising one or a plurality of a identifiers for identifying sessions with respect to the first mobile terminal (18), receiving an indication of a session transfer form the first radio access network (13) to the second radio access network (14) or vice versa, and providing the identifier list in response to the indication. The invention further refers to an application server (10) and corresponding computer program.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4379/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : TRANSMISSION POWER CONTROL METHOD AND SYSTEM FOR A PHYSICAL UPLINK SHARED CHANNEL

(51) International classification	:H04W 52/00
(31) Priority Document No	:200910002367.6
(32) Priority Date	:06/01/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/000740
Filing Date	:01/07/2009
(87) International Publication No	:WO 2010/078702
(61) 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)DAL, BO

2)HAO, PENG

3)ZUO, ZHISONG

4)YU, GUANGHUI

5)XU, JIN

(57) Abstract :

This invention provides a transmission power control method for a physical uplink shared channel, including: when there is only uplink control information but no uplink shared channel data sent over the physical uplink shared channel, the transmission power of the physical uplink shared channel is set according to the total number of bits contained in a channel quality indication signaling and its corresponding cyclic redundancy check as well as an amplitude offset. This invention also provides a transmission power control system for a physical uplink shared channel. The method and system described in this invention can ensure the overall performance of a system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4380/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR DETERMINING THE ROUND TRIP TIME

(51) International classification	:H04W 24/00
(31) Priority Document No	:61/047,815
(32) Priority Date	:25/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2008/050755
Filing Date	:24/06/2008
(87) International Publication No	:WO 2009/131507
(61) 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 :S-164 83 STOCKHOLM, SWEDEN
(72)**Name of Inventor :**
1)KAZMI, MUHAMMAD
2)BALDEMAIR, ROBERT
3)GERSTENBERGER, DIRK
4)ISRAELSSON, MARTIN
5)WIGREN, TORBJÖRN

(57) Abstract :

Method and arrangement in a first node for determining the round trip time of a signal. The signal is sent between the first node and a second node. The second node is associated with a location point. The first node and the second node are comprised within a wireless communication system. A first signal is sent to the second node. A second signal is thereafter received by the first node from the second node, where the second signal is sent from the second node as a response to the previously sent first signal. When the second signal is received from the second node, the round trip time of the signal is computed in the first node. The computed round trip time is then sent to the second node. A corresponding method and arrangement in a second node for obtaining the round trip time of a signal is also provided.

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4382/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : NOVEL ANHYDROUS DEPIGMENTING COMPOSITIONS COMPRISING A SOLUBILIZED PHENOLIC DERIVATIVE

(51) International classification	:A61K 31/05
(31) Priority Document No	:0853578
(32) Priority Date	:30/05/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/051038
Filing Date	:02/06/2009
(87) International Publication No	:WO 2009/156677
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GALDERMA RESEARCH & DEVELOPMENT
Address of Applicant :2400 ROUTE DES COLLES, LES
TEMPLIERS, F-06410 BIOT, FRANCE.

(72)**Name of Inventor :**
1)MALLARD, CLAIRE
2)NADAU-FOURCADE, KARINE
3)LOUIS, FABIENNE

(57) Abstract :

The present invention relates to a novel anhydrous depigmenting composition especially for topical application, comprising, as pharmaceutical active agent, a phenolic derivative dissolved in the fatty phase, to the process for preparing it and to its use in dermatology.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4383/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : A METHOD AND SYSTEM FOR CONFIGURING BASE STATION PARAMETERS

(51) International classification	:H04W 88/00
(31) Priority Document No	:200810066792.7
(32) Priority Date	:25/04/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2008/072655
Filing Date	:10/10/2008
(87) International Publication No	:WO 2009/129676
(61) 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)XIANG, YANG

2)PEI, HUIMIN

(57) Abstract :

A system for configuring base station parameters comprises a base station, a mobile station and a code generating system. Additionally, a method for configuring base station parameters comprises steps of: after a code generating system generates an operation code, the operation code is sent to a base station via a mobile station, wherein the operation code includes information required for performing a configuration operation; the base station, if determining the operation code as received to be valid, then performs the corresponding configuration operation according to the information required for performing the configuration operation. According to the present invention, without depending on the base station controller and other network elements such as a network management system, the base station can implement message interaction over air link, i.e., parameter configuration may be implemented without requiring the base station to access to the network management system; by using a key and a check code, a parameter configuration process which is triggered inadvertently or maliciously is avoided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4384/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : AXIAL DRAG VALVE WITH INTERNAL HUB ACTUATOR

(51) International classification	:F16K 1/12
(31) Priority Document No	:12/114,176
(32) Priority Date	:02/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/086877
Filing Date	:15/12/2008
(87) International Publication No	:WO 2009/134286
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CONTROL COMPONENTS, INC.

Address of Applicant :22591 AVENIDA EMPRESA
RANCHO SANTA MARGARITA CA 92688 UNITED STATES
OF AMERICA.

(72)Name of Inventor :

1)BEY, ROGER

2)STURTEVANT, SAMUEL C.

3)ALIKHANI, SINA

4)MCMILLEN, DANIEL

(57) Abstract :

In accordance with the present invention, there is provided an axial drag control valve (10) which includes an internal disk stack trim (60) and an internal actuator (44). The fluid inlet (16) and outlet (20) of the valve are disclosed along a common axis, which is further shared with both the plug (52) and the actuator (44). The plug and actuator move along this particular axis to control the fluid flow rate, pressure, or temperature of the system. The valve actuator may be powered by an operating fluid such as air supplied from an external source. A special, two-part packing (80, 82) with a lantern ring (84) and leak-off port (88) provides protection and safety for the actuator.

No. of Pages : 36 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4385/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : AXIAL DRAG VALVE WITH INTERNAL SLEEVE ACTUATOR

(51) International classification	:F16K 1/12
(31) Priority Document No	:12/123,218
(32) Priority Date	:19/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/044225
Filing Date	:15/05/2009
(87) International Publication No	:WO 2009/143028
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CONTROL COMPONENTS, INC.
Address of Applicant :22591 AVENIDA EMPRESA
RANCHO SANTA MARGARITA CA 92688 UNITED STATES
OF AMERICA.
(72)**Name of Inventor :**
1)BEY, ROGER

(57) Abstract :

In accordance with the present invention, there is provided an axial drag control valve which includes an internal disk stack trim and an internal actuator. The fluid inlet and outlet of the valve are disclosed along a common axis, which is further shared with the actuator of the valve. The actuator moves along this particular axis to control the fluid flow rate, pressure, or temperature of the system. The valve actuator may be powered by air from an external source.

No. of Pages : 37 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4386/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : USE OF RICE POLYPEPTIDES/NUCLEIC ACIDS FOR PLANT IMPROVEMENT

(51) International classification :C12N 15/29
(31) Priority Document No :61/049,501
(32) Priority Date :01/05/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/042529
Filing Date :01/05/2009
(87) International Publication No :WO 2009/135130
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ACADEMIA SINICA
Address of Applicant :128, SEC. 2, ACADEMIA SINICA
ROAD NAN-KANG, TAIPEI TAIWAN, REPUBLIC OF CHINA
Taiwan
(72)Name of Inventor :
1)YU, SU-MAY
2)KO, SWEE-SUAK
3)HSING, YUE-IE, C.
4)HO, TUAN-HUA, DAVID
5)LO, SHUEN-FANG

(57) Abstract :

A method of making a transgenic plant by transforming into a host plant a recombinant DNA construct that expresses in the transgenic plant a rice polypeptide and the transgenic plant thus produced.

No. of Pages : 233 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4388/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : SERVICE PERFORMANCE MANAGER WITH OBLIGATION-BOUND SERVICE LEVEL AGREEMENTS AND PATTERNS FOR MITIGATION AND AUTOPROTECTION

(51) International classification	:G06Q 10/00
(31) Priority Document No	:61/048,932
(32) Priority Date	:29/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/042188
Filing Date	:29/04/2009
(87) International Publication No	:WO 2009/134945
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TIBCO SOFTWARE INC.
Address of Applicant :3303 HILL VIEW AVENUE, PALO ALTO, CA 94304 UNITED STATES OF AMERICA.
(72)**Name of Inventor :**
1)SCHANG, THIERRY
2)KATKERE, ARUN, L.
3)BAILEY, ASQUITH, A.

(57) Abstract :

The disclosed Service Performance Manager is an enterprise software platform that monitors and proactively manages the health and performance of both individual and grouped services based on service level agreements, providing better visibility and control over individual and group services including, but not limited to, IT and business services. The Service Performance Manager predicts and solves potential customer- related issues before customers are aware of them, enabling an organization to meet quality of services objectives. Unlike other software platforms, the disclosed service performance manager automatically optimizes resources, services and service level agreements with finer granularity and precision, while remaining steadfastly vendor neutral, allowing the Service Performance Manager to manage many different applications and Service Oriented Architecture platforms simultaneously. The disclosed Service Performance Manager allows the user to monitor and manage the performance of individual or grouped services, and provides the visibility in service monitoring from both, technical and business perspectives.

No. of Pages : 42 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4389/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR PRODUCING OPTICALLY ACTIVE AMINO ACID DERIVATIVE

(51) International classification	:C07C 227/18
(31) Priority Document No	:2008-145882
(32) Priority Date	:03/06/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/060050
Filing Date	:02/06/2009
(87) International Publication No	:WO 2009/148046
(61) 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)YAMAMOTO, SHOHEI
2)FUJII, AKIO
3)MITSUDA, MASARU

(57) Abstract :

A method of producing an optically active α -amino acid derivative comprising reacting an α -haloester derivative represented by general formula (1), which is obtained by converting an ester group into an optically active alcohol derivative, with an amine followed by deprotection and transesterification in this order. According to this method, an optically active α -amino acid derivative, which is useful as a intermediate for drugs, can be conveniently produced at a high selectivity.

No. of Pages : 49 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2010

(21) Application No.4390/KOLNP/2010 A

(43) Publication Date : 07/01/2011

(54) Title of the invention : AN ADAPTER MOLECULE FOR THE DELIVERY OF ADENOVIRUS VECTORS

(51) International classification :C12N 15/62
(31) Priority Document No :61/055,332
(32) Priority Date :22/05/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2009/056053
Filing Date :19/05/2009
(87) International Publication No :WO 2009/141335
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)PROYECTO DE BIOMEDICINA CIMA, S. L.

Address of Applicant :AVENIDA PÍO XII, 22. OFICINA 1,
E-31008 PAMPLONA (NAVARRA) SPAIN

2)THE UAB RESEARCH FOUNDATION

(72)Name of Inventor :

1)PEREBOEV, ALEXANDER

2)TSULADZE, GEORGE

3)BOGDASHIN, IGOR

4)ECHEVERRIA BEISTEGUI, ITZIAR

5)LASARTE SAGASTIBELZA, JUAN JOSÉ

6)PRIETO VALTUEÑA, JESÚS MARÍA

7)SAROBÉ UGARRIZA, PABLO

(57) Abstract :

The invention relates to an adapter protein comprising a coxsackievirus and adenovirus receptor (CAR) region and a human CD40 ligand and to the uses thereof for promoting adenoviral transduction of dendritic cells while at the same time promoting maturation of the DCs. The invention also relates to pharmaceutical compositions comprising said adapter protein and an adenovirus encoding an antigen and the uses thereof in a method for eliciting an immune response against the antigen encoded in said adenovirus as well as to antigen-loaded dendritic cells obtained, the adaptor protein and an adenovirus and to the uses thereof in a method of eliciting an immune response against the antigen encoded in the adenovirus.

No. of Pages : 73 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4392/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : 5-LIPOXYGENASE-ACTIVATING PROTEIN INHIBITOR

(51) International classification	:C07D 403/14,A61K 31/437
(31) Priority Document No	:61/055,887
(32) Priority Date	:23/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/044945
Filing Date	:22/05/2009
(87) International Publication No	:WO 2010/068311
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AMIRA PHARMACEUTICALS, INC.

Address of Applicant :9535 WAPLES STREET, SUITE 100, SAN DIEGO, CA 92121 UNITED STATES OF AMERICA.

(72)Name of Inventor :

1)SCHAAB, KEVIN MURRAY

2)KING, CHRISTOPHER, DAVID

3)STOCK, NICHOLAS SIMON

(57) Abstract :

Described herein is the FLAP inhibitor 3-[3-tert-butylsulfanyl-1-[4-(6-ethoxy-pyridin-3-yl)-benzyl]-5-(5-methyl- pyridin-2-ylmethoxy)-1H-indol-2-yl]-2,2-dimethyl-propionic acid, or a pharmaceutically acceptable salt thereof. Also described are methods of preparing the FLAP inhibitor, or a pharmaceutically acceptable salt thereof, including solvates, and polymorphs thereof. Also described herein are pharmaceutical compositions suitable for administration to a mammal that include the FLAP inhibitor, or a pharmaceutically acceptable salt thereof, and methods of using such pharmaceutical compositions for treating respiratory conditions or diseases, as well as other leukotriene-dependent or leukotriene mediated conditions or diseases.

No. of Pages : 197 No. of Claims : 129

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4394/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : FLOW PATH SWITCHING VALVE

(51) International classification	:F16K 11/076
(31) Priority Document No	:2008-144227
(32) Priority Date	:02/06/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/058890
Filing Date	:13/05/2009
(87) International Publication No	:WO 2009/147932
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KABUSHIKI KAISHA SAGINOMIYA SEISAKUSHO
Address of Applicant :55-5, WAKAMIYA 2-CHOME,
NAKANO-KU, TOKYO 165-0033 JAPAN
(72)**Name of Inventor :**
1)MINAMIZAWA HIDEKI
2)KUSAKA, NAOKI

(57) Abstract :

A flow path selector valve for switching between a cooling state and a heating state by rotation of a main valve (3) together with a auxiliary valve (4), wherein rotational operation of the main valve (3) and the auxiliary valve (4) are simplified to make operation of the main valve (3) reliable and to reduce a switching time. An outdoor heat exchanger-side communication passage (31A) and an indoor heat exchanger-side communication passage (31B) are formed in the main valve (3). An outdoor heat exchanger-side equalizing hole (34a) for connecting the outdoor heat exchanger-side communication passage (31A) to a valve chamber (11) is formed in the main valve. An indoor heat exchanger-side equalizing hole (34b) for connecting the indoor heat exchanger-side communication passage (31B) to the valve chamber (11) is formed in the main valve (3). A closing section (43A) for closing the outdoor heat exchanger-side equalizing hole (34a) and an equalizing hole opening section (45B) for opening the indoor heat exchanger-side communication passage (34b) are also formed in the auxiliary valve (4). A closing section for closing the indoor heat exchanger-side equalizing hole (34b) and an equalizing hole opening section for opening the outdoor heat exchanger-side communication passage (34a) are also formed in the auxiliary valve. A support section sliding on a auxiliary valve seat (34) is formed on the auxiliary valve (4). The main valve (3) is rotated 90° by merely operating the auxiliary valve (4) in either forward or reverse directions, and this switches between the cooling state and the heating state.

No. of Pages : 35 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4395/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : NOVEL FAST CURING ULTRA HIGH SOLIDS LOW VOC COATING SYSTEM FOR AGGRESSIVE CORROSIVE ENVIRONMENTS

(51) International classification	:C08G 18/38
(31) Priority Document No	:08156796.8
(32) Priority Date	:23/05/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/056248
Filing Date	:22/05/2009
(87) International Publication No	:WO 2009/141438
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HEMPEL A/S

Address of Applicant :LUNDTOFTEVEJ 150, DK-2800
LYNGBY DENMARK

(72)Name of Inventor :

1)HANSEN, KARL-JOHAN

2)NYSTEEN, SØREN MØRCH

(57) Abstract :

The present application discloses a non-thermosetting coating system consisting of: a first layer of a primer composition comprising an epoxy-based binder system having a volume solids % (VS%) of at least 82%; and a second layer of topcoat composition comprising a polyurea-based binder system having a VS% of at least 82%; wherein the weighted average VS% of the coating system is at least 84%. The application further discloses a coated structure carrying the coating system; a method for the establishment of a coated structure using the coating system; a zinc epoxy primer composition comprising an epoxy-based binder system and 20-40% by solids volume of the primer composition of zinc and having a VS% of at least 82%; and an epoxy primer composition comprising an epoxy-based binder system having a VS% of at least 82% and a "dry-to-handle" time which is less than 5 h at 20 °C.

No. of Pages : 46 No. of Claims : 14

(54) Title of the invention : OPTICAL INFORMATION RECORDING AND/OR REPRODUCING APPARATUS, OPTICAL INFORMATION RECORDING AND/OR REPRODUCING METHOD, OPTICAL INFORMATION RECORDING MEDIUM, AND SOLID IMMERSION LENS

(51) International classification	:G11B 7/095	(71)Name of Applicant :
(31) Priority Document No	:2008-135130	1)PANASONIC CORPORATION
(32) Priority Date	:23/05/2008	Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2009/002180	1)NARUMI, KENJI
Filing Date	:18/05/2009	2)BIRUKAWA, MASAHIRO
(87) International Publication No	:WO 2009/141994	3)KOJIMA, RIE
(61) Patent of Addition to Application Number	:NA	4)ITO, EIICHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An optical information recording and/or reproducing apparatus comprises: a focusing unit (11) which collects generated near-field light on an optical disc (1); a first detector (17) which receives light reflected by the optical disc (1) and outputs an electric signal according to the quantity of the received light; and a distance control circuit (22) which controls the distance between the focusing unit (11) and a light entrance surface of the optical disc (1), using the electric signal that is output from the first detector (17), and the optical disc (1) has at least N (N is an integer of 2 or greater) number of information layers, and a distance d0 from the light entrance surface to a first information layer which is most distant from the light entrance surface and a distance dn from the light entrance surface to an Nth information layer which is closest to the light entrance surface satisfy the relationship of $d_n > d_0 \times (1/25)$. As a result, servo control can be accurately performed regardless which information layer, out of a plurality of information layers of an optical disc, information is recorded to or reproduced from.

No. of Pages : 54 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4397/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : TONER, DEVELOPER, TONER ACCOMODATING CONTAINER, PROCESS CARTRIDGE AND IMAGE FORMING METHOD

(51) International classification	:G03G 9/08
(31) Priority Document No	:2008-135858
(32) Priority Date	:23/05/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/059832
Filing Date	:22/05/2009
(87) International Publication No	:WO 2009/142338
(61) 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, LTD.

Address of Applicant :3-6, NAKAMAGOME 1-CHOME,
OHTA-KU, TOKYO 1438555 JAPAN

(72)Name of Inventor :

1)SUGIMOTO, TSUYOSHI

2)YAMASHITA, HIROSHI

3)WATANABE, NAOHIRO

4)WAKAMATSU, SHINICHI

5)WATANABE, MASAKI

6)OGAWA, SATOSHI

7)SHIBA, MASANA

8)AWAMURA, JUNICHI

9)SHIMOTA, NAOHITO

(57) Abstract :

A toner including at least one polyester resin serving as a binder resin, a colorant, a releasing agent, and a fixing aid, wherein the fixing aid includes a fatty acid amide-based compound, and the fatty acid amide-based compound is at least one of a fatty acid amide compound having a mono- or higher valent amide bond and a fatty acid amide-based compound having a mono- or higher valent amino group or a hydroxyl group.

No. of Pages : 90 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4398/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : ENGINE ASSEMBLY FOR A MOTOR VEHICLE IN GENERAL AND PARTICULARLY FOR AN URBAN MOTOR VEHICLE

(51) International classification	:F02G 1/055
(31) Priority Document No	:08425356.6
(32) Priority Date	:20/05/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/003572
Filing Date	:19/05/2009
(87) International Publication No	:WO 2009/141120
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SINCRON S. R. L.

Address of Applicant :VIA CARTESIO, 2, I-20124 MILANO, ITALY

(72)Name of Inventor :

1)RUSSO, VITALIANO

2)TARGA, GIORGIO

(57) Abstract :

An engine assembly (6) of the type running on liquid air or another gas that is substantially inert in liquefied state, for a vehicle in general and for an urban motor vehicle in particular, such as a bus (1) or a taxi, comprises a Stirling engine (9), in which the gasification of the liquid air takes place, with transformation into kinetic mechanical energy of the latent heat relative to the change in state of the air from liquid state to compressed gas state, as well as a volumetric or flow motor (11), in which the air in compressed state expands up to a pressure substantially equal to atmospheric pressure, with transformation of the mechanical pressure energy into kinetic mechanical energy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4399/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :22/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : SILICONE HYDROGEL CONTACT LENSES DISPLAYING REDUCED PROTEIN UPTAKE

(51) International classification :G02B 1/04
(31) Priority Document No :12/131,526
(32) Priority Date :02/06/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/045869
Filing Date :01/06/2009
(87) International Publication No :WO 2009/149022
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)JOHNSON & JOHNSON VISION CARE, INC.

Address of Applicant :7500 CENTURION PARKWAY,
SUITE 100, JACKSONVILLE, FLORIDA 32256 U.S.A.

(72)Name of Inventor :

1)JEREMY B. PINSLEY

2)JONATHAN P. ADAMS

3)AMIT KHANOLKAR

4)DIANA ZANINI

5)ZOHRA FADLI

6)MICHAEL R. CLARK

7)DAVID C. TURNER

8)JAMES D. FORD

9)THOMAS L. MAGGIO

(57) Abstract :

The present invention relates to silicone hydrogel contact lenses formed from a reactive mixture comprising at least one silicone containing compound and a protein uptake reducing amount of at least protein uptake reducing compound.

No. of Pages : 40 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.941/KOL/2009 A

(19) INDIA

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

(43) Publication Date : 07/01/2011

(54) Title of the invention : A METHOD FOR VIDEO CONFERENCING AT ULTRA LOW BANDWIDTH

(51) International classification	:G06K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG ELECTRONICS COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :416, MAETAN-DONG,
(33) Name of priority country	:NA	YEONGTONG-GU, SUWON-SI, GYEONGGI-DO 442-742
(86) International Application No	:NA	Republic of Korea
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DHALL, ABHINAV
(61) Patent of Addition to Application Number	:NA	2)KUMAR, BRAJESH
Filing Date	:NA	3)SHARMA, NAVEEN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention aims at developing a new technique for low bandwidth video conferencing. It is based on the notion "transmit the changed only". This means only when there is considerable change in the scene that information needs to be transmitted. This is done by motion detection at the senders end and sending only the required frames. The system defines a local motion frequency function (LMFF) for tracking. This function is based on offline learning using machine learning techniques such as SVM, neural networks etc. The function is trained on when to give a scene change indication. When there is delta change, which is negligible from the perspective of human perception, this LMFF function will send a message\flag to the receiver stating that the earlier frame can be displayed again. Thus, in a preferred embodiment, the present invention provides a method for video conferencing at ultra low bandwidth comprising the steps of: capturing the first I-frame at senders end, storing the I-frame in a reference buffer and transmitting the frame to a receiver; detecting the motion of a next frame at senders end with the help of a local motion frequency function (IMFF) with respect to the reference frame stored in said reference buffer to determine if there is substantial change in scene; and when motion detected is beyond a threshold value, giving an indication for transmitting the changed scene to the receiver.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.948/KOL/2009 A

(19) INDIA

(22) Date of filing of Application :06/07/2009

(43) Publication Date : 07/01/2011

(54) Title of the invention : A METHOD FOR REMOTE PROCESSING OF FILES PRESENT ON A PERIPHERAL USB DEVICE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG ELECTRONICS COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :416, MAETAN-DONG,
(33) Name of priority country	:NA	YEONGTONG-GU, SUWON-SI, GYEONGGI-DO 442-742
(86) International Application No	:NA	Republic of Korea
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MISHRA, PANKAJ
(61) Patent of Addition to Application Number	:NA	2)LAMBA, SARIKA
Filing Date	:NA	3)DEEP SINGH, MANKAWAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for remote processing of files present on a peripheral USB device, which is connected to a primary host to one of its peer nodes on any network, comprising the steps of: - broad casting by a primary host the presence of data on a USB function on a network neighborhood; - network neighborhood nodes responding with their capabilities; - primary host selecting the appropriate network device; and - transferring the data stream on USB function to said selected node for remote processing.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/508/KOL A

(19) INDIA

(22) Date of filing of Application :23/04/2002

(43) Publication Date : 07/01/2011

(54) Title of the invention : METHOD FOR MAKING DATA PROCESSING RESISTANT OT EXTRACTION OF DATA BY ANALYSIS OF UN-INTENDED SIDE-CHANNEL SIGNALS

(51) International classification	:G06F 1/00
(31) Priority Document No	:60/161,047
(32) Priority Date	:25/10/1999
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/ZA2000/00192
Filing Date	:19/10/2000
(87) International Publication No	:WO 2001/31422
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CYPHERMANX CONSULTANTS LIMITED
Address of Applicant :BURLERGH MANOR, PEEL ROAD,
DOUGLAS, ISLE OF MAN IM1 5E South Africa
(72)**Name of Inventor :**
1)VON WILlich MANFRED

(57) Abstract :

The invention provides a method of processing of and storing data to reduce the risk of unauthorised access to the data, especially through side-channel observations. The method includes the steps of designing of algorithms, particularly ciphers, for maximum benefit from this technique, modifying the algorithm implementation to operate on mapped data, initially mapping of data, especially cryptographic keys, for storage, changing the data mapping from a prior data mapping by use of a secondary mapping, mapping incoming data for input to the modified algorithm implementation, and mapping data output from the modified algorithm for further use. The method results in enhanced secrecy of the original data and the mapping on the data. The data mapping and the secondary data mapping may be in the form of a lookup-table, an algorithm with mapping- selection data, or the like. The data mapping may be implemented as cascaded mappings to further reduce the risk of unauthorised access.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4250/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :11/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : NON-AQUEOUS PIGMENT INK

(51) International classification	:C09D 11/00
(31) Priority Document No	:2008-135274
(32) Priority Date	:23/05/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/057192
Filing Date	:08/04/2009
(87) International Publication No	:WO 2009/142075
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RISO KAGAKU CORPORATION

Address of Applicant :5-34-7, SHIBA, MINATO-KU, TOKYO, 108-8385 JAPAN

(72)Name of Inventor :

1)HOSOYA, TETSUO

2)HAYASHI, HIROSHI

3)WATANABE, YOSHIFUMI

4)ANDO, KAZUYUKI

5)MORINAGA, MARIE

(57) Abstract :

Disclosed is a non-aqueous pigment ink comprising a pigment, a non-aqueous solvent, and a non-aqueous resin dispersion microparticle capable of dispersing the pigment. The non-aqueous resin dispersion microparticle is an acrylic polymer having an alkyl (meth)acrylate unit having an alkyl group carrying 12 or more carbon atoms and a (meth)acrylate unit having a urethane group. The acrylic polymer is a copolymer of a monomer mixture containing an alkyl (meth)acrylate (A) having a alkyl group carrying 12 or more carbon atoms and a reactive (meth)acrylate (B) having a functional group capable of reacting with an amino group, wherein the urethane group is introduced therein through the reaction among the functional group capable of reacting with an amino group, an amino alcohol and a polyvalent isocyanate compound. In the acrylic polymer, the ratio of the copolymer moiety to the introduced urethane group moiety is 60:40 to 99:1 by mass.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4252/KOLNP/2010 A

(19) INDIA

(22) Date of filing of Application :11/11/2010

(43) Publication Date : 07/01/2011

(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification	:G02F 1/1337
(31) Priority Document No	:2008-115192
(32) Priority Date	:25/04/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/001450
Filing Date	:30/03/2009
(87) International Publication No	:WO 2009/130851
(61) 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)YOSHITO HASHIMOTO

2)HIROYUKI OHGAMI

3)MASAYUKI SOGA

4)MASAKAZU SHIBASAKI

5)MASUMI KUBO

(57) Abstract :

The present invention provides a multi-domain type liquid crystal display device with a vertical alignment liquid crystal layer that can get a display operation done without making the viewer sense any unnaturalness and with the decrease in optical transmittance minimized. In the liquid crystal display device of this invention, the liquid crystal layer of each pixel has liquid crystal regions in which liquid crystal molecules tilt in multiple different directions when a voltage is applied between first and second electrodes. Each pixel has an opaque portion arranged on a boundary between the liquid crystal regions. The opaque portion is provided for at least one of the substrates so that when a voltage is applied between the first and second electrodes, the liquid crystal molecules neighboring the boundary will tilt while turning one of their end portions, which is closer to the substrate with the opaque portion, away from the boundary. The opaque portion includes a first shielding layer and a second shielding layer, which overlaps with the first shielding layer with a predetermined gap left between them.

No. of Pages : 74 No. of Claims : 6

AMENDMENT UNDER SEC.57

An application for change in the address of the Patentee from 406A, JODHPUR PARK, GROUND FLOOR ,KOLKATA-700 068, WEST BENGAL to **TAPATI PAUL, C/O. AJOY SHARMA, HOUSE NO.12, LAKHIMINAGAR PATH, (NEAR BHAI-BHAI STORES), GUWAHATI-781 -006, ASSAM, INDIA,** in respect of Patent No.190131 (1604/CAL/1996). was filed Any person interested may at any time within three months from the date of publication give notice on Form-14 to the Controller of Patents , if any, at the appropriate office .

AMENDMENT UNDER SEC.57

An application for change in the name and address of the Patentee from M/s. Ems-Inventa AG, of Selnaustrasse 16, CH-8002 Zurich, Switzerland to **M/s. Uhde Inventa-Fischer AG, of Kugelgasse 22, CH-8708 Mannedorf, Switzerland,** in respect of Patent No.191153 (141/CAL/1997). Any person interested may at any time within three months from the date of publication give notice on Form-14 to the Controller of Patents , if any, at the appropriate office .

Publication U/R 84 (3) in respect of Application for Restoration of Patents (MUMBAI)

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under Rule 85 of the Patents (Amendment) Rules, 2006.

Serial No.	Application Nos.	Patent No.	Applicants	Title	Date on Which Patent Ceased	Date of Publication U/R 84(3)	Appropriate Office
1	418/MUMNP/2003	205327	OUTOKUMPU OYJ	COOLING ELEMENT	26/10/2009	07/01/2011	MUMBAI
2	158/MUM/2006	236115	NAND SUNIL MADHUSUDAN	ADDITIVE HOLDER CAP	24/12/2009	07/01/2011	MUMBAI
3	1463/MUM/2007	235475	NAND SUNIL MADHUSUDAN	A MULTIPLE COMPARTMENT CONTAINER	09/10/2009	07/01/2011	MUMBAI
4	379/MUM/2004	231720	NAND SUNIL MADHUSUDAN	A CAP-CUM-ADDITIVE HOLDER FOR BOTTLES OR THE LIKE CONTAINERS	26/03/2010	07/01/2011	MUMBAI

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	245047	IN/PCT/2001/00119/DEL	01/09/1999	03/09/1998	A NONWOVEN WEB	THE PROCTER & GAMBLE COMPANY	20/06/2008	DELHI
2	245050	IN/PCT/2002/00166/DEL	04/08/2000	04/08/1999	AN IMPLANTABLE SPHINCTER STIMULATOR AND A HARDWARE SYSTEM COMPRISING THE SAME	THE UNIVERSITY OF MELBOURNE	13/03/2009	DELHI
3	245051	IN/PCT/2000/00380/DEL	26/05/1999	20/10/1998	AN IMPROVED RESPOSABLE ELECTROSURGICAL INSTRUMENT	MEGADYNE MEDICAL PRODUCTS INC.	23/01/2009	DELHI
4	245053	1065/DELNP/2005	28/08/2003	28/08/2002	A METHOD OF FORMING A METAL SECTION ON A METAL SUBSTRATE	THE P.O.M. GROUP	31/10/2008	DELHI
5	245054	IN/PCT/2002/00939/DEL	28/03/2001	31/03/2000	A WRENCH FOR USE WITH DRILLING APPARATUS	GOUWS, PETRUS CHRISTIAAN	30/10/2009	DELHI
6	245055	1571/DELNP/2005	21/10/2003	28/10/2002	REDUCING FUEL CELL CATHODE POTENTIAL DURING STARTUP AND SHUTDOWN	UTC FUEL CELLS, LLC	20/03/2009	DELHI
7	245056	3032/DELNP/2004	13/03/2003	27/03/2002	A COMPUTING DEVICE AND A METHOD TO RESTORE A STORAGE DEVICE THEREOF	INTEL CORPORATION	23/01/2009	DELHI
8	245057	01598/DELNP/2003	21/03/2002	17/05/2001	METHOD OF RECOVERING ELEMENTARY PHOSPHORUS FROM AN AQUEOUS SLUDGE	GLENN SPRINGS HOLDINGS, INC.	14/10/2005	DELHI
9	245058	507/DEL/1999	05/04/1999		A MEASURING SYSTEM OF CAPTURING THE RADIO FREQUENCY (RF) SIGNALS	BHARAT HEAVY ELECTRICALS LIMITED	16/09/2005	DELHI
10	245059	184/DEL/2003	01/03/1995		A BLOW MOLDING APPARATUS	NISSEI ASB MACHINE CO., LTD.	16/01/2009	DELHI
11	245060	IN/PCT/2002/00750/DEL	27/02/2001	29/02/2000	A BLADE UNIT FOR A SHAVING RAZOR	THE GILLETTE COMPANY	20/03/2009	DELHI
12	245061	73/DEL/2000	01/02/2000	03/09/1999	AN APPARATUS FOR PLAYING BACK A RECORDING MEDIUM	SAMSUNG ELECTRONICS CO., LTD	02/04/2010	DELHI
13	245062	459/DEL/1999	23/03/1999		A LINEAR BIPOLAR CURRENT REGULATED DC POWER SUPPLY FOR INDUCTIVE LOADS.	NUCLEAR SCIENCE CENTRE	20/06/2008	DELHI

14	245063	1398/DEL/2003	12/11/2003	16/12/2002	A CRANKSHAFT	CARRIER CORPORATION	30/10/2009	DELHI
15	245065	2451/DELNP/2006	22/10/2004	05/11/2003	A COMPOUND HAVING THE FOLLOWING FORMULA (I)	CORNING INCORPORATED	13/04/2007	DELHI
16	245066	1459/DELNP/2003	27/03/2002	29/03/2001	AIRBAG APPARATUS FOR PEDESTRIAN PROTECTION	TOYOTA JIDOSHA KABUSHIKI KAISHA	03/06/2005	DELHI
17	245067	517/DEL/2004	19/03/2004		A PROCESS FOR INHIBITING THE ADENOSINETRIPHOSPHATASE (ATPASE) ACTIVITY OF FISH ACTOMYOSIN USING HEAVY METALS	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	26/05/2006	DELHI
18	245068	1871/DEL/2004	29/09/2004		A PROCESS FOR BIOREMEDIATION OF P-NITROPHENOL CONTAMINATED SOIL	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	22/09/2006	DELHI
19	245069	2161/DELNP/2003	02/07/2001	27/07/2001	SEAT LOCK DEVICE IN TWO-WHEELED MOTOR VEHICLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	27/02/2009	DELHI
20	245070	IN/PCT/2002/00388/DEL	25/08/2000	25/08/2000	A SIGNAL TRANSMISSION APPARATUS AND METHOD THEREOF FOR TRANSMITTING ENCODED AUDIO INFORMATION	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD	13/03/2009	DELHI
21	245071	2810/DELNP/2005	21/01/2004	21/01/2003	METHOD AND APPARATUS TO ENHANCE THE PROBABILITY OF SUCCESSFUL EMERGENCY CALL COMPLETION IN A MOBILE STATION	RESEARCH IN MOTION LIMITED	27/03/2009	DELHI
22	245076	139/DELNP/2004	16/04/2003	05/06/2002	ROTARY COMPRESSOR WITH PREVENTION OF INCREASE IN EXCESSIVE TEMPERATURE BETWEEN THE DRIVE SHAFT AND THE BEARINGS	DAIKIN INDUSTRIES LTD.	16/01/2009	DELHI
23	245080	2463/DEL/2004	10/12/2004		A RECEIVER TANK FOR AN AUTOMOBILE AIR CONDITIONER CONDENSER	SUBROS LIMITED	19/06/2009	DELHI
24	245081	5212/DELNP/2005	11/11/2005	04/06/2003	SEPARATION APPARATUS	Shell Internationale Research Maatschappij B.V.	02/10/2009	DELHI
25	245082	1685/DEL/2004	06/09/2004	08/09/2003	A BEARING WHICH COUPLES TWO ELEMENTS.	SOCIETE D'UTILISATION SCIENTIFIQUE ET INDUSTRIELLE DU FROID-USIFROID	23/01/2009	DELHI
26	245083	IN/PCT/2002/00382/DEL	20/10/2000	21/10/1999	BENZOPYRANYL GUANIDINE DERIVATIVES, PROCESS FOR PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM.	DONGBU HANNONG CHEMICAL CO. LTD.	06/02/2009	DELHI
27	245085	1442/DEL/2004	03/08/2004		HANDS FREE LIQUID DISPENSER	NAVEEN GARG,SANJAY GARG	13/03/2009	DELHI

28	245086	1491/DEL/2005	04/04/1997	03/05/1996	A PACKAGED SYSTEM FOR STORING AND ADMINISTERING A DIALYSIS SOLUTION	BAXTER INTERNATIONAL INC.	30/01/2009	DELHI
29	245088	506/DELNP/2005	02/09/2003	10/09/2002	SECURITY DOCUMENT AND PROCESS FOR PRODUCING SAID SECURITY DOCUMENT	KBA-GIORI S.A.	21/11/2008	DELHI
30	245089	523/DELNP/2005	08/08/2003	09/08/2002	TOOTHBRUSH	COLGATE-PALMOLIVE COMPANY,	12/12/2008	DELHI
31	245090	598/DELNP/2005	23/01/2003	02/09/2002	ITEM OF TRANSFORMABLE FURNITURE	ORT JOINT-STOCK COMPANY	09/01/2009	DELHI
32	245091	1118/DELNP/2003	12/12/2001	18/12/2000	AN ELECTROCHEMICAL CELL	FITTER, JOHAN CHRISTIAAN	03/04/2009	DELHI
33	245092	850/DELNP/2005	22/05/2003	04/09/2002	AN ORAL CLEANING DEVICE	REHCO, LLC	20/03/2009	DELHI
34	245094	852/DELNP/2005	27/08/2003	04/09/2002	A FILTER FOR SMOKING	JAPAN TOBACCO INC.	20/03/2009	DELHI
35	245097	3106/DELNP/2005	11/12/2003	13/12/2002	FILTER FOR TREATMENT OF A FLUID AND PROCEDURE FOR THE BACKWASHING OF A FILTER THEREOF	BECKE, CHRISTIAN	03/10/2008	DELHI
36	245100	3404/DELNP/2005	08/08/2003	01/04/2003	A SYSTEM FOR CENTRALLY ALLOCATING ADDRESSES AND PORT NUMBERS.	TELEFONAKTIEBOLAGET LM ERICSSON [PUBL]	24/08/2007	DELHI
37	245101	6098/DELNP/2005	07/07/2004	08/07/2003	CROSS SPRING ELEMENT	SCHENCK PROCESS GMBH	09/05/2008	DELHI
38	245111	2276/DELNP/2006	20/12/2004	19/12/2003	FOUR-WHEELED VEHICLE	PIAGGIO & C. S.P.A.	22/06/2007	DELHI
39	245120	2680/DEL/1998	08/09/1998		A RADIATION TOMOGRAPHY APPARATUS	GE Yokogawa Medical Systems Ltd., a Japanese company	16/01/2009	DELHI
40	245122	1450/DEL/2004	05/08/2004	05/08/2003	MOBILE DEVICE WITH ON-SCREEN OPTICAL NAVIGATION	Research in Motion Limited, a Canadian corporation	20/03/2009	DELHI
41	245123	246/DEL/2005	07/02/2005	19/05/2004	A PROCESS FOR PREPARING AMINE OF FORMULA (VIII) OF CONFIGURATION (S)	LES LABORATOIRES SERVIER	01/12/2006	DELHI
42	245128	688/DELNP/2006	10/08/2004	14/08/2003	A SUBSTITUTED QUINAZOLINE COMPOUND INCLUDING RESOLVED ENANTIOMERS, DIASTEREOMERS, AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF	ARRY BIOPHARMA, INC.	17/08/2007	DELHI
43	245129	6313/DELNP/2006	06/05/2005	06/05/2004	A METHOD OF PREPARING A CALCIUM PHOSPHATE HYDROXYAPATITE IN GRANULAR FORM	INNOPHOS, INC.	31/08/2007	DELHI
44	245130	00404/DELNP/2003	03/10/2001	03/10/2000	A KIT FOR THE DETECTION OF AN IMMUNOGLOBULIN	VBC-GENOMICS BIOSCIENCE RESEARCH GMBH	19/01/2007	DELHI

45	245131	4781/DELNP/2005	07/05/2004	09/05/2003	N-[1-(3-CHLORO-1-NAPHTHALENYL)ETHYL]-2-[4-(4-FLUOROPHENYL)-1-METHYL-4-PIPERIDINYL]-N-METHYLACETAMIDE OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF, ITS COMPOSITION AND PROCESS FOR PREPARING THE SAME	GLAXO GROUP LIMITED	11/09/2009	DELHI
46	245132	1578/DELNP/2004	25/11/2002	28/11/2001	NITROGEN-CONTAINING HETEROARYL DERIVATIVES	BTG INTERNATIONAL LTD.,	12/01/2007	DELHI
47	245133	4874/DELNP/2005	26/04/2004	25/04/2003	A SYSTEM FOR DELIVERING A THERAPEUTIC COMPOUND	THE PENN STATE RESEARCH FOUNDATION	28/09/2007	DELHI
48	245134	2299/DELNP/2004	07/02/2003	07/02/2002	PRODUCTION OF METALLURGICAL COKE	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	09/10/2009	DELHI
49	245139	IN/PCT/2002/00077/DEL	03/07/2000	06/07/1999	A PROCESS FOR THE PREPARATION OF THE COMPOUND OF FORMULA IS 13(N-BOC--IS OBUTYLSEAIAYL)-14-HYDROXYBACCATIVE V, 1, 14 CARBONATE	INDENA S.P.A.	20/03/2009	DELHI
50	245145	109/DELNP/2003	23/07/2001	26/07/2000	GAS CONDENSER	VENTURIE AS	27/03/2009	DELHI
51	245147	99/DEL/2005	17/01/2005		A PROCESS FOR POLYMERISATION OF DIETHYLENE GLYCOL BIS ALLYL CARBONATE	SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH	01/12/2006	DELHI
52	245148	2004/DEL/2006	08/09/2006	22/12/2005	MACHINE FOR TREATING SUBSTRATES AND METHOD	APPLIED MATERIALS GMBH & CO. KG.	24/08/2007	DELHI
53	245150	512/DELNP/2004	19/09/2002	19/09/2001	PROCESS FOR PREPARING ORGANIC HYDROPEROXIDE	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	11/12/2009	DELHI
54	245158	2867/DELNP/2004	07/01/2003	29/03/2002	A METHOD FOR TREATING A CATALYST COMPOSITION	EXXONMOBIL CHEMICAL PATENTS INC	13/11/2009	DELHI
55	245159	2363/DELNP/2006	12/11/2004	14/11/2003	A HEAT-TREATED ELASTOMERIC BLEND COMPOUND	EXXONMOBIL CHEMICAL PATENTS INC.	03/08/2007	DELHI
56	245160	526/DEL/2004	19/03/2004		A PROCESS FOR THE SEPARATION OF CHROMIUM FROM CHROME TANNED COLLAGEN MATERIAL	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	26/05/2006	DELHI
57	245161	2221/DEL/2006	09/10/2006	11/10/2005	A PROCESS FOR THE PREPARATION OF THE DELTA-CRYSTALLINE FORM OF IVABRADINE HYDROCHLORIDE	LES LABORATOIRES SERVIER	31/08/2007	DELHI

58	245165	306/DELNP/2003	28/09/2001	23/09/2000	VEHICULAR BRAKE CONTROL APPARATUS AND CONTROL METHOD OF VEHICULAR BRAKE APPARATUS	TOYOTA JIDOSHA KABUSHIKI KAISHA,DENSO CORPORATION	03/04/2009	DELHI
59	245168	IN/PCT/2002/00131/DEL	24/05/2000	24/05/2000	A MICRO MECHANICAL DEVICE	SILVERBROOK RESEARCH PTY LTD	29/05/2009	DELHI
60	245169	668/DELNP/2003	07/12/2001	14/12/2000	ANTIMICROBIAL 2-PYRIDONES	THE PROCTER & GAMBLE COMPANY	03/04/2009	DELHI
61	245170	1031/DELNP/2005	20/11/2003	21/11/2002	A CVD SINGLE CRYSTAL DIAMOND MATERIAL AND METHOD THEREOF	ELEMENT SIX LIMITED, a company registered according to the laws of the United Kingdom	09/01/2009	DELHI
62	245171	3710/DELNP/2004	18/04/2003	30/04/2002	A COMPOSITIONS FOR LOWERING INTRAOCULAR PRESSURE AND PROVIDING NEUROPROTECTION IN A PATIENT IN NEED THEREOF	ALCON, INC	03/04/2009	DELHI
63	245173	5970/DELNP/2005	03/04/2000	01/04/1999	SCOTH YOKE FLUID DEVICE	RAFFAELE, PETER ROBERT,RAFFAELE, MICHAEL JOHN	09/05/2008	DELHI
64	245176	2338/DEL/2006	27/10/2006	03/11/2005	A DEVICE FOR CONDUCTING IMMUNOASSAYS AND A PROCESS THEREOF	MILLIPORE CORPORATION	31/08/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	187281	194/BOM/1996	09/04/1996		A LOCKING MEANS FOR COUPLING DEVICE FOR ATTACHING AND DETACHING OF PIPES OR THE LIKE.	EPC INDUSTRIE LIMITED		MUMBAI
2	238466	199/MUM/2000	08/03/2000	31/03/1999	PIPE FIXING METHOD AND MAIN STAND FOR MOTORCYCLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	05/08/2000	MUMBAI
3	245044	1306/MUMNP/2007	03/02/2006	14/02/2005	A METHOD OF READING DATA FROM A SDRAM MODULE AND THE SDRAM MODULE THEREOF	QUALCOMM INCORPORATED	02/11/2007	MUMBAI
4	245064	765/MUMNP/2007	18/11/2005	22/11/2004	A METHOD OF CORRECTING AN INCORRECTLY PRE-DECODED INSTRUCTION AND AN APPARATUS THEREFOR	QUALCOMM INCORPORATED	03/08/2007	MUMBAI
5	245073	1251/MUMNP/2007	06/02/2006	04/02/2005	A METHOD OF COLOR INTERPOLATING A FINAL MISSING COLOR SUB-PIXEL VALUE AND AN APPARATUS THEREOF	QUALCOMM INCORPORATED	26/10/2007	MUMBAI
6	245084	1276/MUMNP/2007	03/02/2006	03/02/2005	A PROCESSOR AND A METHOD OF PREFETCHING INSTRUCTIONS FROM AN INSTRUCTION CACHE	QUALCOMM INCORPORATED	09/11/2007	MUMBAI
7	245099	1066/MUMNP/2007	22/12/2005	23/12/2004	CHANNEL ESTIMATION FOR INTERFERENCE CANCELLATION	QUALCOMM INCORPORATED	10/08/2007	MUMBAI
8	245102	1942/MUM/2007	01/10/2007		PROCESS FOR THE PREPARATION OF (S)-ROPIVACAINE HYDROCHLORIDE MONOHYDRATE	GOEL RAMNIWAS	16/11/2007	MUMBAI
9	245103	1378/MUMNP/2007	27/02/2006	12/03/2005	HAIR AND/OR SCALP CARE COMPOSITIONS INCORPORATING FLAVONOID COMPOUNDS	HINDUSTAN UNILEVER LIMITED	07/12/2007	MUMBAI
10	245104	961/MUM/2004	08/09/2004		IMPROVED PROCESS FOR THE PREPARATION OF 7-AMINO-3-ALKENYL-3-CEPHEM-4-CARBOXYLIC ACID COMPOUNDS	LUPIN LIMITED	27/04/2007	MUMBAI

11	245105	577/MUM/2005	11/05/2005		A PROCESS FOR MAKING SILVER NANO PARTICLES	NANO CUTTING EDGE TECHNOLOGY PVT. LTD.	09/09/2005	MUMBAI
12	245106	1217/MUM/2003	25/11/2003		IMPROVED PROCESS FOR THE PREPARATION OF FORM I OF (S)-(+)-CLOPIDOGREL BISULFATE	CADILA HEALTHCARE LTD.	06/01/2006	MUMBAI
13	245110	116/MUM/2006	24/01/2006		RARE EARTH PERMANENT MAGNET	SHIN-ETSU CHEMICAL CO., LTD.	17/08/2007	MUMBAI
14	245112	IN/PCT/2002/01079/MUM	21/02/2001	23/02/2000	METHOD FOR MANUFACTURING AN ELECTRODE AND AN ELECTRODE MADE IN ACCORDANCE THEREWITH	OUTOKUMPU OYJ	29/05/2004	MUMBAI
15	245121	303/MUM/2005	21/03/2005		Liquid Filled Electric Motor	Crompton Greaves Ltd	30/03/2007	MUMBAI
16	245138	1410/MUMNP/2005	30/11/2000	03/12/1999	RECOMBINANT VIRAL VECTOR DERIVED FROM AN INFECTIVE CLONE	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	15/06/2007	MUMBAI
17	245140	2122/MUMNP/2007	15/06/2006	15/06/2005	A BIOREACTOR	CENTRAL RESEARCH INSTITUTE OF ELECTRIC POWER INDUSTRY	01/02/2008	MUMBAI
18	245146	1253/MUMNP/2007	08/02/2006	08/02/2005	METHOD AND AN APPARATUS FOR SELECTING CHANNEL RESOURCES IN A COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	26/10/2007	MUMBAI
19	245151	1432/MUMNP/2007	06/03/2006	04/03/2005	MULTI-SECTOR BROADCAST PAGING CHANNEL	QUALCOMM INCORPORATED	26/10/2007	MUMBAI
20	245154	697/MUMNP/2007	03/11/2005	05/11/2004	METHODS AND APPARATUSES FOR GENERATING AND DECODING MIXED CODE	COLORZIP MEDIA, INC.	03/08/2007	MUMBAI

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	245074	682/CHE/2007	30/03/2007 17:24:53	31/03/2006	SWASH PLATE TYPE COMPRESSOR	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	17/04/2009	CHENNAI
2	245075	1157/CHENP/2007	16/08/2005	20/08/2004	METHOD FOR CREATING FACIES PROBABILITY CUBES BASED UPON GEOLOGIC INTERPRETATION	CHEVRON U.S.A INC	31/08/2007	CHENNAI
3	245077	1327/CHENP/2004	16/11/2001	16/11/2001	A METHOF FOR CONTROLLING POWER CONSUMPTION IN A RADIO RECEIVER FOR RECEIVING TRANSPORT STREAM PACKETS	NOKIA CORPORATION	27/07/2007	CHENNAI
4	245078	2156/CHENP/2007	13/10/2005	18/10/2004	METHOD FOR WELDING WAFER SHEETS AND PRODUCT SO OBTAINED	SOREMARTEC S.A	07/09/2007	CHENNAI
5	245079	1431/CHE/2007	03/07/2007 15:53:44	11/07/2006	BATTERY MOUNTING STRUCTURAL BODY	HONDA MOTOR CO., LTD.	28/11/2008	CHENNAI
6	245087	214/CHE/2003	07/07/1995		A METHOD FOR ENCODING A SPEECH FRAME	QUALCOMM INC	27/07/2007	CHENNAI
7	245093	911/CHENP/2003	12/12/2001	01/12/2000	DUAL STACK COMPACT FUEL PROCESSOR FOR PRODUCING HYDROGEN RICH GAS	TEXACO DEVELOPMENT CORPORATION	22/04/2005	CHENNAI
8	245095	2137/CHENP/2004	23/08/2002	30/03/2002	A MONOFILAMENT SUTURE AND A PROCESS OF PREPARING THE SAME	SAMYANG CORPORATION	03/03/2006	CHENNAI
9	245107	IN/PCT/2002/437/CHE	28/09/2000	28/09/1999	PROCESS FOR PREPARING SUBSTITUTED PHENYLSULFONYLUREAS FROM SULFONYL HALIDES	Bayer Cropscience AG	03/08/2007	CHENNAI
10	245108	2111/CHENP/2006	15/11/2004	15/11/2003	A METHOD OF DEACTIVATING AN ALLERGEN	RECKITT BENCKISER (UK) LIMITED ,UNIVERSITY OF SOUTHAMPTON OF CENTRE FOR ENTERPRISE & INNOVATION (CEI)	06/07/2007	CHENNAI
11	245109	2526/CHENP/2004	11/04/2003	11/04/2002	PROCESS FOR EXTRACTING PLATINUM GROUP METALS	PLATTECH PTY LTD	20/07/2007	CHENNAI
12	245113	1025/CHE/2005	28/07/2005	10/08/2004	POWER MODULE DRIVING CONTROL APPARATUS AND HYBRID VEHICLE	HONDA MOTOR CO., LTD.	11/01/2008	CHENNAI

13	245115	232/CHENP/2007	19/07/2005	20/07/2004	INDUCTION OF APOPTOSIS IN TOLL-LIKE RECEPTOR EXPRESSING TUMOR CELLS	M/S. SCHERING CORPORATION	24/08/2007	CHENNAI
14	245116	1361/CHE/2007	26/06/2007 15:08:20		A FLOATING PUMP AND MOTOR ASSEMBLY WITH SELF-PRIMING CHAMBER	POLYENE FILM INDUSTRIES LIMITED	02/01/2009	CHENNAI
15	245117	984/CHENP/2005	23/10/2003	24/10/2002	COMPOSTION COMPRISING A CHEMOTHERAPEUTIC AGENT AND AN ENDOTHELIN B AGONIST.	M/S. UNIVERSITY OF ILLINOIS	22/06/2007	CHENNAI
16	245118	4512/CHENP/2006	10/05/2005	10/05/2004	HUMANIZED ANTIBODIES CAPABLE OF SPECIFIC BINDING TO ENDOGENOUSLY EXPRESSED EcyRIIB	MACROGENICS, INC	29/06/2007	CHENNAI
17	245124	2936/CHENP/2004	28/06/2002	28/06/2002	A PROCESS FOR MANUFACTURE OF TACROLIMUS	BIOCON LIMITED	21/09/2007	CHENNAI
18	245126	486/CHE/2004	27/05/2004	27/05/2003	GEAR UNIT FOR THE DRIVE OF A ROTATING TUBE	A. FRIDR. FLENDER AG	03/02/2006	CHENNAI
19	245135	1443/CHENP/2007	05/10/2004	05/10/2004	PROCESS FOR THE PREPARATION OF AMORPHOUS FLUVASTATIN SODIUM	BIOCON LIMITED	31/08/2007	CHENNAI
20	245136	245/CHENP/2006	19/04/2004	19/04/2004	NEW DOUBLE SALTS OF (-)HYDROXYCITRIC ACID AND A PROCESS FOR PREPARING THE SAME	LAILA NUTRACEUTICALS	20/07/2007	CHENNAI
21	245141	4113/CHENP/2006	22/03/2005	08/04/2004	COMPOUND WS727713	ASTELLAS PHARMA PHARMA INC	15/06/2007	CHENNAI
22	245143	44/CHE/2006	10/01/2006		PLASTIC END PARTS FOR SYMMETRICAL LADDER TYPE (L TYPE) SYNTHETIC ZIP FASTENER	M/S. SGI VENTURE PRIVATE LIMITED	03/08/2007	CHENNAI
23	245155	1148/CHENP/2004	13/08/2002	26/11/2001	METHOD FOR MAINTAINING PACKET DATA CONNECTIVITY IN A WIRELESS COMMUNICATIONS NETWORK	QUALCOMM INCORPORATED	03/02/2006	CHENNAI
24	245157	777/CHE/2006	27/04/2006		A PROCESS FOR PRODUCING COMPREGS FROM BAMBOO MATS/VENEERS OF PLANTATION TIMBER OR A COMBINATION THEREOF.	INDIAN PLYWOOD INDUSTRIES & TRAINING RESEARCH INSTITUTE,	28/12/2007	CHENNAI
25	245162	531/CHENP/2006	12/08/2004	13/08/2003	METHOD FOR JOINING SUBSTRATES AND OBJECTS	DOW GLOBAL TECHNOLOGIES, INC.	22/06/2007	CHENNAI
26	245163	2351/CHENP/2006	24/11/2004	28/11/2003	POLYROTAXANE AND PROCESS FOR PRODUCING THE SAME	THE UNIVERSITY OF TOKYO	06/07/2007	CHENNAI
27	245164	805/CHE/2005	27/06/2005	29/06/2004	WORKING VEHICLE WITH A CAB	KUBOTA CORPORATION	27/07/2007	CHENNAI
28	245172	IN/PCT/2000/117/CHE	09/12/1998	23/12/1997	A CONVERTER CIRCUIT ARRANGEMENT	ABB SCHWEIZ AG	04/03/2005	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	245072	1350/KOLNP/2006	19/11/2004	26/11/2003	AN ISOLATED NUCLEIC ACID ENCODING A PATCHOULOL SYNTHASE, METHOD FOR ITS PREPARATION, POLYPEPTIDE ENCODED BY IT AND A VECTOR OR A MICROBIAL HOST CELL, COMPRISING IT	FIRMENICH SA	04/05/2007	KOLKATA
2	245096	889/KOLNP/2007	03/08/2005	13/08/2004	THYROTROPIN RECEPTOR PREPARATIONS, BINDING REGIONS THEREOF, ANTIBODY AND HORMONE INTERACTION THERE-WITH, AND USES THEREOF	RSR LIMITED	13/07/2007	KOLKATA
3	245098	3604/KOLNP/2006	25/06/2001	04/04/2000	AN IN VITRO PRODUCED C35-SPECIFIC ANTIBODY OR FRAGMENT THEREOF	UNIVERSITY OF ROCHESTER	15/06/2007	KOLKATA
4	245114	2117/KOLNP/2005	19/02/2004	28/03/2003	DEVICE FOR STORING A HOIST TO BE FED TO A CYLINDER OF A PRINTING MACHINE	KOENIG & BAUER AKTIENGESELLSCHAFT	27/07/2007	KOLKATA
5	245119	1271/KOL/2006	24/11/2006		NOVEL DRY BENEFICATION TECHNIQUE FOR IRON ORE FINES (-1MM) USING CIRCULATING FLUIDIZED BED (CFB)	TATA STEEL LTD,	10/04/2009	KOLKATA
6	245125	515/KOL/2006	31/05/2006		AN ADJUSTABLE COMBO DEVICE ADAPTABLE FOR FABRICATING COMPONENTS OF A PLURALITY SIZED CONNECTING PLATE ASSEMBLY	BHARAT HEAVY ELECTRICALS LIMITED	30/11/2007	KOLKATA
7	245127	1578/KOL/2007	22/11/2007 14:47:53		ELECTROMAGNETIC WAVE MODULATING VIBROMETER	DR. PRACHETA RANJAN CHAKROBORTY	28/12/2007	KOLKATA
8	245137	2826/KOLNP/2007	31/01/2006	04/02/2005	A COMPONENT FOR REDUCING WETTABILITY OF A SURFACE, A SUBSTRATE HAVING A SURFACE	SIEMENS AKTIENGESELLSCHAFT	07/09/2007	KOLKATA
9	245142	1301/KOL/2006	04/12/2006 16:38:53		AN IMPROVED PROCESS AND DEVICE OF BONDING OF BABBITT METAL ON A SUBSTRATE OF PRODUCE BABBITTED BEARING	BHARAT HEAVY ELECTRICALS LIMITED	11/07/2008	KOLKATA
10	245144	1019/KOLNP/2006	09/11/2004	17/11/2003	AN ELEVATOR	KONE CORPORATION	20/04/2007	KOLKATA
11	245149	1126/KOLNP/2003	20/03/2002	29/03/2001	DRUM COMMUTATOR AND METHOD FOR PRODUCING THE SAME	KOLEKTOR D.O.O.	14/10/2005	KOLKATA

12	245152	811/KOL/2006	14/08/2006 16:20:05		HEAT EXCHANGE FURNACE MADE OF INTERCONNECTED COMBUSTION FURNACE MODULE,A PASSAGEWAY MODULE AND TWO GAS GUIDING MODULES	SUNCUE COMPANY LTD	29/02/2008	KOLKATA
13	245153	397/KOL/2006	02/05/2006	06/05/2005	SEWING MACHINE WITH A BASE DESIGNED TO HOLD INTERCHANGEABLE MEANS FOR SEWING FABRICS USING DIFFERENT TYPES OF STITCH	VI.BE.MAC.S.P.A	22/06/2007	KOLKATA
14	245156	1771/KOLNP/2005	02/03/2004	13/03/2003	AUTOMATIC VALVE ASSEMBLY FOR A WATER COOLER	DENFRED HOLDINGS LTD.	10/08/2007	KOLKATA
15	245166	IN/PCT/2001/161/KOL	07/02/2001	07/06/1999	APPARATUS AND METHOD FOR AUTOMATICALLY DETERMINING MEDIA TYPE IN A PRINTING DEVICE MEDIA TRAY	HEWLETT-PACKARD COMPANY	11/06/2010	KOLKATA
16	245167	568/KOLNP/2005	10/09/2002	10/09/2002	MAGNETIC FIELD SENSOR WITH A HALL ELEMENT	MELEXIS TECHNOLOGIES SA	29/12/2006	KOLKATA
17	245174	IN/PCT/2001/1146/KOL	14/04/2000	07/05/1999	A METHOD OF PRODUCING BISPHENOL A	GENERAL ELECTRIC COMPANY	03/02/2006	KOLKATA

CONTINUED TO PART- 2