

पेटेंट कार्यालय
का
शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन

PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

(V.RAVI)

Controller General of Patents, Designs & Trade Marks

11TH MAY, 2007

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THE PATENT OFFICE
PATENT KOLKATA, 11/05/2007
Address of the Patent Offices/Jurisdictions

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

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Near Antop Hill Head Post Office, S.M. Road,
Antop Hill, Mumbai-400037,
Phones : 022-24123311, Fax : 022-24123322

E-mail: cgpdtm@nic.in
2. THE PATENT OFFICE, GOVERNMENT OF
INDIA BOUDHIK SAMPADA BHAVAN NEAR
ANTOP HILL POST OFFICE, S.M
ROAD,ANTOP HILL,
MUMBAI – 400 037
PHONE NO. (022) 24137701
Fax: (022) 24130387
E-MAIL – mumbai-patent@nic.in
➤ The States of Gujarat, Maharashtra, Madhya
Pradesh, Goa and Chhattisgarh and the Union
Territories of Daman and Diu & Dadra and
Nagar Haveli.
3. The Patent Office,
Government of India,
Boudhik Sampada Bhavan,
Plot No. 32., Sector-14, Dwarka,
New Delhi – 110075
Tel.: (011) 28081921 – 25
Fax: (011) 2808 1920
E.mail: delhi-patent@nic.in
➤ The States of Haryana, Himachal Pradesh,
Jammu and Kashmir, Panjab, Rajasthan, Uttar
Pradesh, Uttaranchal, Delhi and the Union
Territory of Chandigarh.
4. GOVERNMENT OF INDIA
THE PATENT OFFICE
INTELLECTUAL PROPERTY RIGHTS
BUILDING
INDUSTRIAL ESTATE SIDCO RMD
GODOWN
AREA, ADJACENT TO EAGLE FLASK
G.S.T ROAD, GUINDY,
CHENNAI – 600 032
Chennai - 600 032.
Ph: (044) 2232-2824/2825

Fax: (044) 2232-2878

E.mail: chennai-patent@nic.in
The States of Andhra Pradesh, Karnataka,
Kerala, Tamilnadu and Pondichery and the
Union Territories of Lakshadweep.
5. Patent Office (Head Office),
The Patent Office, Government of India
BOUDHIK SAMPADA BHAVAN, CP-2
SECTOR - V KOLKATA- 700 091
INDIA.
Phone: (91)(33)2367 1943/44/45/46/87
Fax: (91)(33)2367 1988
E-Mail : kolkata-patent@nic.in,
Website: <http://www.ipindia.nic.in>
www.patentoffice.nic.in

➤ Rest of India

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
एकस्व
कोलकाता, दिनांक 11/05/2007
कार्यालयों के क्षेत्राधिकार के पते

1. कार्यालय: महानियंत्रक, एकस्व, अभिकल्प
तथा व्यापार चिह्न,
एनटोप हिल डाकघर के समीप,
एस. एम. रोड,
एनटोप हिल, मुम्बई - 400 037, भारत.
फोन: (022) 24123311 फैक्स: (022) 24123322
E-mail: cgpdtm@nic.in
2. पेटेंट कार्यालय, भारत सरकार
बौद्धिक संपदा भवन,
एनटोप हिल डाकघर के समीप,
एस. एम. रोड,
एनटोप हिल, मुम्बई - 400 037,
फोन: (022) 2413 7701,
फैक्स: (022) 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.
3. पेटेंट कार्यालय दिल्ली,
बौद्धिक संपदा भवन,
प्लॉट i. 32, सेक्टर - 14,
द्वारका, ई दिल्ली - 110 075.
फो: (011) 2808 1922, 2808 1923,
2808 1924, 2808 1925
फैक्स: (011) 2808 1920.
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
4. 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: (044) 2232-2824/2825
फैक्स: (044) 2232-2878
ई.मेल: chennai-patent@nic.in
➤ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा
पाण्डिचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र,
लक्षद्वीप
1. 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
वेबसाइट: <http://www.ipindia.nic.in>
www.patentoffice.nic.in
➤ भारत का अवशेष क्षेत्र

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 ।

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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.

(V. RAVI)

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

The price of each copy of the journal is Rs. 400/- in paper form and that is Rs. 250/- in CD-ROM form, while annual subscription of the journal for a calendar year 2007 is Rs. 20,000/- in paper form and that is Rs. 12,000/- in CD-ROM form. There will be 52 issues in a calendar year .The annual subscription for the Year 2007 is required to be paid in advance in any of the Patent Office located at Kolkata, New Delhi, Mumbai and Chennai. The copy of the Journal will be sent by Courier or Speed Post.

A request should be made accompanied by payment for annual subscription either in cash or cheque/Demand Draft drawn in favour of the Controller of Patents, payable at the respective Office. Other mode of payment i.e. M.O/I.P.O. or any out station cheque will not be accepted. The annual subscription should be made immediately preferably on or before **31st May,2007**. It may kindly be noted that request for annual subscription or subscription of single copy in paper form should be made before **31st May, 2007**.

SPECIAL NOTICE

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

CORRIGENDUM (DELHI)

The application no. **QADEL/2004** published in the Official Journal dated 22.09.2006 shall be read as 410/DEL/2004.

CORRIGENDUM(CHENNAI)

1. 449/MAS/1999 Published on 12/01/2007 journal no, 02/2007 in PAGE NO. 492 is treated as cancelled.
2. Name of the Applicant in the application number 1087/CHE/2004 Published in the Journal dated 30/03/2007 shall be read as follows

Name of the Applicant: LAKSHMI MACHINE WORKS LIMITED

3. Abstract for the application number 1595/CHE/2006 Published in the Journal dated 15/12/06 page number 20242 line 15 shall be read as follows 90% instead of 90010.

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.1700/MUM/2006 A

(19) INDIA

(22) Date of filing of Application :16/10/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD OF HOT DIP COATING OF STEEL WIRES/ STEEL SECTIONS AND THERE OF THE PRODUCT

(51) International classification	:C23C2/12, C23C2/38	(71) Name of Applicant : 1)SUNIL SHANTISARUP GUPTA Address of Applicant :FLAT NO-1, 3rd FLOOR, MITRA KUNJ 16, PEDDER ROAD, MUMBAI-400026, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SUNIL SHANTISARUP GUPTA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 8

(57) Abstract :

A method of hot dip galvanizing/aluminsing of ms wires comprising the steps of: surface cleaning the Electrode Grade Wire by pickling with HCl, water washing the pickled wire and then neutralized using lime /borax solution followed by cold drawing the wire rod in the normal continuous wire drawing machines and spooling the wire in a spool and keeping 10 such spools on a specially designed payin, passing the said 10 wires simultaneously through a degreasing tank heated to 70 to 80 deg C to degrease the wire drawing lubricant, washing the said wires by hot water at 85 to 90 Deg C, making the wires pass through the annealing furnace wherein. The annealing furnace is a tube furnace with 10 tubes electrically heated to 800 to 900 Deg C, there are three passes within the furnace and the tubes are filled with cracked ammonia, which is burning at the inlet ends, keeping the speed of wires constant by an variable speed drive winding motor which is given feedback through a load cell and a dancer roll in one of the wires immediately dipping the existing wire, which is at 440 to 770 degree centigrade in to a molten zinc/aluminium silicon alloy tank which is at 460 degree centigrade and a part of it covered with Ammonium chloride and Zinc Chloride Flux or other flux, wiping the excess zinc/aluminium alloy from the coated wire using asbestos covered wires, winding the coated wires on 10 spools mounted on a winding station, checking the wire for coating and tensile strength.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1701/MUM/2006 A

(19) INDIA

(22) Date of filing of Application :16/10/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD OF CERAMIC COATING ON STEEL SECTIONS AND THERE OF THE PRODUCT

(51) International classification	:C23D5/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SUNIL SHANTISARUP GUPTA
(32) Priority Date	:NA	Address of Applicant :FLAT NO-1, 3RD FLOOR, MITRA KUNJ 16,
(33) Name of priority country	:NA	PEDDER ROAD, MUMBAI-400026, Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SUNIL SHANTISARUP GUPTA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 6

(57) Abstract :

This invention relates to a method of coating of refractories on the inside and outside surface of a steel pipe comprising the steps of : Dimensional checking, Surface Preparation, Coating Preparation, Coating 1, Curing 1, Coating 2, Curing 2, Thread Cleaning, Coupling and Inspection of the pipes randomly for their thickness of the coating using a thickness gauge.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1008/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :09/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : AQUASURE IRON REMOVER PRODUCT

(51) International classification

:C02F
1/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)EUREKA FORBES LTD,

Address of Applicant :143-C/4, Bommsandra Industrial Area, Off
Hosur Road, Anekतालु Bangalore 562158 Karnataka India

(72)Name of Inventor :

1)Mr. Murlidhar Rao

No of Pages : 13

No of Claims : 0

(57) Abstract :

This invention relates to a water purifier with iron remover attachment for household storage type water purifier, consisting of one top container placed upon one bottom container separated by a mid part, said bottom container provided with a tap for dispensing purified water from the water purifier, said water purifier comprising two stages of purification system: first stage of sediment filtration consisting a particulate filter media ,second stage of filtration consists of a sediment filter unit comprising one sediment filter held in alignment with first stage of filtration with the help of sediment filter support and provided with a carbon block filter unit characterized in that a single iron absorbing resin is placed below the particulate filter media for iron removal from water. Other than iron removal, contaminants like arsenic, Lead, Fluoride, Nitrates, excess Calcium, magnesium can also be removed by the water purifier according to this invention by fixing a specific contaminate removal cartridge in place of the iron remover cartridge.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1009/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :09/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : AQUASURE FLOAT AND CHEMICAL REMOVER

(51) International classification	:C02F 7/00	(71) Name of Applicant : 1)M/S. EUREKA FORBES LTD,
(31) Priority Document No	:NA	Address of Applicant :143-C/4, Bommssandra Industrial Area, Off
(32) Priority Date	:NA	Hosur Road, Anekतालuk Bangalore 562158 Karnataka India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)MR. SATISH KAILASH
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 7

(57) Abstract :

The invention relates to float assembly for household storage type water purifier consisting of one top container placed upon one bottom container separated by a mid part, said bottom container provided with a tap for dispensing purified water from the water purifier, said water purifier comprising two stages of purification system: first stage of sediment filtration consisting of a sediment filter bag, followed by second stage of filtration consists of a sediment filter unit comprising one sediment filter held in alignment with first stage of filtration with the help of sediment filter support and provided with a carbon block filter unit and third stage of filtration consisting one iodinated resin followed by granular activated carbon placed immediately after the second stage filtration unit characterized in that float assembly is placed below the mid part in the water passage in between the second stage and third stage of filtration.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1146/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :03/07/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : WATER PURIFIER SYSTEM WITH SEDIMENT AND ORGANIC REMOVAL

(51) International classification

:C02F
3/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) 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.FILTREX INTERNATIONAL PVT LTD,

Address of Applicant :4TH MAIN

ROAD,KALYANAGAR,BANGALORE. Karnataka India

(72)**Name of Inventor :**

1)MR.BOMMI NARASIMALU KRISHNA MURTHY,

No of Pages : 10

No of Claims : 10

(57) Abstract :

The invention provides an improved water purifier system for purification of sediment and organic impurities contained in water, comprising of a filter housing having an inlet at one side for entry of unpurified water, an outlet at a perpendicular direction of the said inlet for letting out of purified water, a sediment filtration material inside the said housing for filtration of sediment impurities of water, a porous carbon block of tubular shape inside the said housing for filtration of organic impurities contained in water, the said sediment filtration material is wound over the inner core porous carbon block placed in said filter housing being formed as one combined unit, wherein, purification of water by sediment filtration and organic removal is effected in one stage by the said combined unit of sediment filtration material wound over an inner core of porous carbon block.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.143/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :30/01/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : VALVE REGULATED TUBULAR RECOMBINANT LEAD ACID BATTERY WITH ULTRA LOW MAINTENANCE REQUIREMENT

(51) International classification

:H01M
2/00

(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)HBL NIFE POWER SYSTEMS LIMITED

Address of Applicant :8-2-601, ROAD NO.10, BANJARA HILLS,
HYDERABAD. Andhra Pradesh India

(72)Name of Inventor :

1)T.VENU GOPAL

No of Pages : 15

No of Claims : 16

(57) Abstract :

A Valve Regulated Tubular Recombinant lead acid battery with an innovative construction leading to long service life with ultra low maintenance requirement.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1765/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :26/09/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : RAT VANISHER

(51) International classification

:A01N
61/00

(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)V.K. SHAJI

Address of Applicant :MOHANAM T.C. III/ 1157(1), INDUSTRIAL
ESTATE MANVILA, TRIVANDRUM-695 583 KERALA , INDIA Kerala
India

(72)Name of Inventor :

1)V.K. SHAJI

No of Pages : 1

No of Claims : 5

(57) Abstract :

A Non lethal ratrepellant solution comprising: Pine oil, Turpentine, Sodium hydroxide, Green Gas oil, and Colour Pigments

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1797/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :28/09/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : HERBOFIZZ

(51) International classification

:A61K
36/87

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)M.K. RAGHURAMAN PROPERIETOR-CUM-INVENTOR

Address of Applicant :T.M. HERBALS PANIMOOLA POST
ANDOORKONAM VIA POTHENCODE TRIVANDRUM-695584

KERALA - SOUTH INDIA Kerala India

(72)Name of Inventor :

1)M.K. RAGHU RAM

No of Pages : 7

No of Claims : 7

(57) Abstract :

1. A revitalizing soft drink concentrate comprising: Trachyspennum ammi Sprague, b. Aconitum hetrophyllum c. Illicium verum Hook d. Hemidesmus indicus e. Piper longum Linn f. Murraya Koenigii g. Tribulus terraestris Linn h. Selacia Cissus quadrangularis Linn j. Elattaria cardamomum Beta vulgaris Linn l. Phyllanthus emblica Linn and added ingredients from among body coolants, thirst controllers, energy provider5, appetisers, nourishers, and dietary supplements.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2059/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :08/11/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : TWO BAR FLEXIBLE SPRING FRAME

(51) International classification

:F16K
43/00

(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)NARASIMHA RAJU

Address of Applicant :NO 10, HANUMAGIRINAGAR, SECOND
SUBRAMANYAPURA (POST), CHIKKALASANDRA, BANGALORE-
560061, KARNATAKA, INDIA Karnataka India

(72)Name of Inventor :

1)NARASIMHA RAJU

No of Pages : 4

No of Claims : 2

(57) Abstract :

The invention is very simple but effective in performance. The existing commercial Rigid frame doesn't give any comfort and pleasure to ride on humpy dumpy roads. Especially it is difficult to ride a bicycle of rigid frame in rural roads. The TWO BAR FLEXIBLE SPRING FRAME avoids an impact effect even on humpy dumpy roads because of the vertical helical spring, acting like a shock absorber and provides cushion effect while riding and Suitable to both rural and urban roads. The flexible frame is designed to over come all the difficulties and disadvantages of the existing rigid frame and especially to safe guard the SPINE of human beings who may suffer from back pain that too in LUMBAR region and to give joyful ride, even on any bad conditions of roads.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.232/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :01/02/2007

(43) Publication Date : 11/05/2007

(54) Title of the invention : V-MOSQUIT

(51) International classification	:A01M 1/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)VINURAJ. R
(32) Priority Date	:NA	Address of Applicant :M/S VINU ASSOCIATES, PUSHBHAGA
(33) Name of priority country	:NA	BHAVAN, PAJANKNGARA, ALLAPUZHA, PIN 688 561, KERALA
(86) International Application No	:NA	Kerala India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)VINURAJ.R
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 6

(57) Abstract :

A device for trapping mosquito larvae comprising ,a. a container with vertical or sloping side wall, if b. a funnel with a semi circular hole at its smaller mouth.c. a tape or adhesive .by which the funnel is placed with its larger mouth coveJ:ing covering the top of the container and its smaller mouth touching the bottom.d. an (optional) handle for suspending the container, e. Said container having its bottom darkened with paint or such material by three cm, f. Wherein said container is filled with water except the space between the rim of the funnel wall and the rim contacting the container bottom.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.382/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :26/02/2007

(43) Publication Date : 11/05/2007

(54) Title of the invention : POLLUTION CONTROL TABLETS

(51) International classification	:B01 J 20/00	(71) Name of Applicant : 1)NALLEPALLY VENKATARAMAN Address of Applicant :S/O LATE VENKATACHALAM. 12-12-63, RAVINDRANAGAR, SITAPHALMANDI, SECUNDERABAD - 500 061 Andhra Pradesh 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)NALLEPALLY VENKATARAMAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 7

No of Claims : 5

(57) Abstract :

The subject matter of this invention is to protect human life from the ill effects of Sulphurdioxide and oxides of Nitrogen which are widely prevalent in the atmosphere and their content is expanding with industrialization. The invention here is a few indivisible compound with a unique characteristic of absorbing the poisonous gases with itself. The compound can be manufactured in tablets of varying sizes, which can be used within the domestic precincts of a residential house as well as in open spaces. The compound is dissolvable in water, spirit through the compound absorbs poisonous gases it does not exit any poisonous substances. Since it has the other characteristic of acting as insecticides, it may be disposed off by throwing them in the drains to pure their harmful omissions. This is not a mere mixture but a scientifically prepared compound which is novel and indivisible.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.621/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :26/03/2007

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR OBTAINING SUBSTANTIALLY PURE L-QUEBRACHITOL. FROM NATURAL RUBBER LATEX

(51) International classification

:C07C
35/16

(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)RUBBER RESEARCH INSTITUTE OF INDIA

Address of Applicant :MINISTRY OF COMMERCE AND
INDUSTRY, GOVT OF INDIA, KOTTAYAM - 686 009, INDIA Kerala
India

(72)Name of Inventor :

1)JAYASREE GOPALAKRISHNAN

2)MOLLY THOMAS

3)JAMES JACOB

No of Pages : 27

No of Claims : 21

(57) Abstract :

The present invention is in relation to the process for separation and purification of L-quebrachitol from natural rubber letex and factory a effluents C-serum and A-serum.The process of the present invention offers higher percentage of both yield and purity of L-quebrachitol.The novelty of the proposed process resides not in a sigle step but in the sequentially steps used to arrive compound L-quebrachitol.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.65/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :10/01/2007

(43) Publication Date : 11/05/2007

(54) Title of the invention : ASPIN

(51) International classification

:A61K
36/00

(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)N.P. SULAIKHA

Address of Applicant :ASPIN FOOD PRODUCTS,
THIRUMULLAVARAM POST, KOLLAM, KERALA. Kerala India

(72)Name of Inventor :

1)N.P. SULAIKHA

No of Pages : 8

No of Claims : 3

(57) Abstract :

A health food mix comprising the following cereals and dried nuts fri~ and ground under hygienic conditions, with taste enhancers & flavour spices added therewith: almonds, barley, cashew, nuts, gram, green gram, peanuts, jowar, maize, millet, ragi, rice, sagom, samba, soya beans and wholesome wheat.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.706/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :04/04/2007

(43) Publication Date : 11/05/2007

(54) Title of the invention : A BRICK MOULDING MACHINE ADAPTED FOR LAYING RAW BRICKS ON A SLOPED OR INCLINED SURFACE

(51) International classification

:B28B
3/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)R. RENGARAJ

Address of Applicant :21-22, KARPAGAVINAYAGAR NAGAR,
GANAPATHY, COIMBATORE - 641 006 Tamil Nadu India

(72)Name of Inventor :

1)R. RENGARAJ

No of Pages : 8

No of Claims : 5

(57) Abstract :

The invention discloses an aligning mechanism for a brick moulding machine and comprises suspending the mould in the mechanism from three or more shafts by as many ball and socket joints. It also involves resting the feeder box on the frame by a set of three or more ball and socket joint mechanism that suspend the feeder box over the mould.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.708/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :04/04/2007

(43) Publication Date : 11/05/2007

(54) Title of the invention : FLOAT LIFT

(51) International classification	:F16K 33/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PANDURANGAN SAMBANDAN
(32) Priority Date	:NA	Address of Applicant :NO.1A, FIRST MAIN ROAD AVENUE,
(33) Name of priority country	:NA	DHANDEESWARAM, VELACHERY, CHENNAI, TAMIL ANDU,
(86) International Application No	:NA	INDIA-600 042 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PANDURANGAN SAMBANDAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 7

(57) Abstract :

The FLOATLIFT concept consists of two Docks "A" and "B", with a floating dock. The term Docks A and B herein means and refers to enclosed pit similar to graving Docks. The Docks "A" and "B" are bounded by walls, and can be either placed adjacent to each other or in line longitudinally as per the site requirement. The floating dock is a pontoon with side walls. The floating dock is fitted with pumps and piping. The power can be supplied from shore. The floating dock may be made from several kinds of material and size as per the requirement of the ship or shipyard. The bottom of the Dock A is dredged to a depth sufficient for sinking the floating dock to take the ship on it. The floor of the Dock A need not be strengthened. The bottom of the Dock B is strengthened and is kept in such a predetermined level so that when the Float Dock sits on Dock B, then the rails on land are in level with the rails on the floating dock. A gate may be provided between Dock A and Dock B or at the sea side of Dock A so that Dock B can be dried, so that the floating dock can be dry-docked in Dock B. The FLOAT LIFT concept combines the principle used in Floating Dock, for getting the ship in to the Floating Dock. Then the Floating Dock is moved in to a shallow area of Dock B, and made to sit on the floor. The levels of ship rails and land rails are kept safe. The ship is pulled in to the land. The reverse process is used for getting the ship from land to water.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.786/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :13/04/2007

(43) Publication Date : 11/05/2007

(54) Title of the invention : MONETERING THE DRIVER OF VEHICLE WHILE DRIVING

(51) International classification	:C08G 1/00	(71) Name of Applicant : 1)KORAMBATH PAYYANADAN PREMACHANDRAN
(31) Priority Document No	:NA	Address of Applicant :VIJIVILLA, TALAP, KANNUR- 670 002,
(32) Priority Date	:NA	KERALA Kerala India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)KORAMBATH PAYYANADAN PREMACHANDRAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 3

(57) Abstract :

When the driver drives the vehicle with "Driver Monetoring" system switch in on position and if the driver gets sleep or if the driver is weak, consuming alcohol or if the driver gets heart attack or if the driver suddenly becomes unconscious, he will not be able to hold the steering will firmly with minimum pressure to cut off the pressure switch provided on steering wheel and the system circuit is closed. Immediately the system alerts the driver with buzzer sound, flashing imdicator light & hazard warming lights flashes alerting vehicles coming from behind and from front. When the driver wakes up and holds the steering wheel firmly at pressure switch the system cuts of "warmings". If there is no response from the driver in 1 or 2 seconds the timer switch closes & fuel supply will be cut of in petrol/diesel vehicles and as running vehicle will be in Year, vehicle slows down/stops quickly due to engine brake, avoiding major collisions. The system consists of (1) Driver alert system on/off switch (ii) Buzzer (iii) Flashing indicator light (iv) Pressure switches/sensors (v)Fuse,(vi)Exising flasher unit & hazard warming lights of vehicle (vii)Relay for petrol vehicle or solenoid switch for diesel vehicle (viii)Connecting wires.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.793/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :16/04/2007

(43) Publication Date : 11/05/2007

(54) Title of the invention : COMPATIBLE DRAFTER MACHINE

(51) International classification	:B43L 13/00	(71) Name of Applicant : 1)R. KARTHIKEYAN AN INDIAN NATIONAL
(31) Priority Document No	:NA	Address of Applicant :23, STAFF QUARTERS (INSIDE LADIES
(32) Priority Date	:NA	HOSTEL CAMPUS) APEC, MELMARUVATHUR, KANCHIPURAM
(33) Name of priority country	:NA	DISTRICT, TAMIL NADU, INDIA, 603 319 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)R. KARTHIKEYAN AN INDIAN NATIONAL
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 7

(57) Abstract :

A Mini drafter is the one, which is used to draw n- number of parallel as well as perpendicular lines to a reference line. Also, it is used to draw lines at an angle to the reference line. Mini drafter is mainly used by mechanical and civil engineerw to draft various design involved in their work. This existing Mini drafter are difficult to carry and more over the metallic plates used in the drafter may bend or incline thereby affect the quality of the drafting. The Compatible Drafter uses the Dead weight or Magnetic compass with the protector embedded L scale arrangement.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.794/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :16/04/2007

(43) Publication Date : 11/05/2007

(54) Title of the invention : EUCALYPTUS OIL BLEND COMPOSITION WITH DIESEL OIL

(51) International classification	:C10L 1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)R. KARTHIKEYAN AN INDIAN NATIONAL
(32) Priority Date	:NA	Address of Applicant :23, STAFF QUARTERS (INSIDE LADIES
(33) Name of priority country	:NA	HOSTEL CAMPUS) APEC, MELMARUVATHUR, KANCHIPURAM
(86) International Application No	:NA	DISTRICT, TAMIL NADU, INDIA, 603 319 Tamil Nadu India
Filing Date	:NA	2)DR. N.V. MAHALAKSHMI AN INDIAN NATIONAL
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)R. KARTHIKEYAN AN INDIAN NATIONAL
Filing Date	:NA	2)DR. N.V. MAHALAKSHMI AN INDIAN NATIONAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 6

(57) Abstract :

Present work proves that based on the property of eucalyptus oil, it is a very good substitute for diesel fuel. The low cetane number of eucalyptus oil had prevented the use of 100% eucalyptus oil in diesel engine. Also the present work explores the performance, emission and combustion characteristics of eucalyptus oil diesel blends and its suitability with C.I. engine. The 30% eucalyptus oil 70% diesel blend has an equal combustion and performance characteristics with that of diesel fuel. The experimental results show that some of the toxic gases like CO, UBHC and soot are decreased compared to diesel baseline. In particular around 40% to 50% smoke reduction is obtained with higher eucalyptus oil blends. Also it proves that 30% addition of eucalyptus oil into conventional diesel fuel improve the performance, combustion, and emission to a considerable limit.

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.396/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/04/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : A COMPOSITION AND A METHOD FOR PRODUCING AN INFECTIOUS INFLUENZA VIRUS VIRION

(51) International classification :C07K14/11 C12N7/04
 (31) Priority Document No :0960,200,679
 (32) Priority Date :28/04/2000
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US01/13656
 Filing Date :27/04/2001
 (87) International Publication No :WO 01/83794
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :IN/PCT/2002/01440/MUM
 Filed on :17/10/2002

(71)Name of Applicant :

1)ST JUDE CHILDREN'S RESEARCH HOSPITAL

Address of Applicant :332 North lauderdale Street Memphis,Tennessee
 38105-2794, Not Applicable U.S.A.

(72)Name of Inventor :

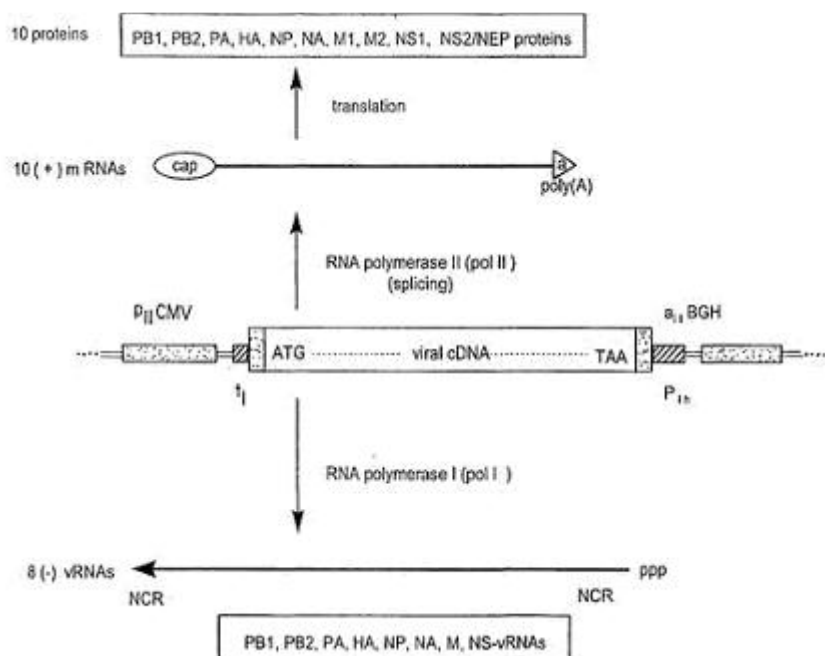
1)ERICH HOFFMANN

No of Pages : 99

No of Claims : 35

(57) Abstract :

A composition which generates infectious influenza viruses from cloned viral cDNA comprising a ser of plasmids wherein each plasmid comprises one viral genomic segment, and wherein viral cDNA corresponding to the viral genomic segment is inserted between an RNA polymerase I (pol I) promoter and a regulatory element for the synthesis of vRNA or cRNA with an exact 3" which results in expression of vRNA or cRNA, which are in turn inserted between an RNA polymerase II (pol II) promoter and a polyadenylation signal, which results in expression of viral mRNA and a corresponding viral protein, wherein the expression of the full set of vRNAs or cRNAs and viral protein results in assembly of an infectious influenza virus.



(54) Title of the invention : Optical Signal Regenerator for High Bit-Rate Transmission Systems

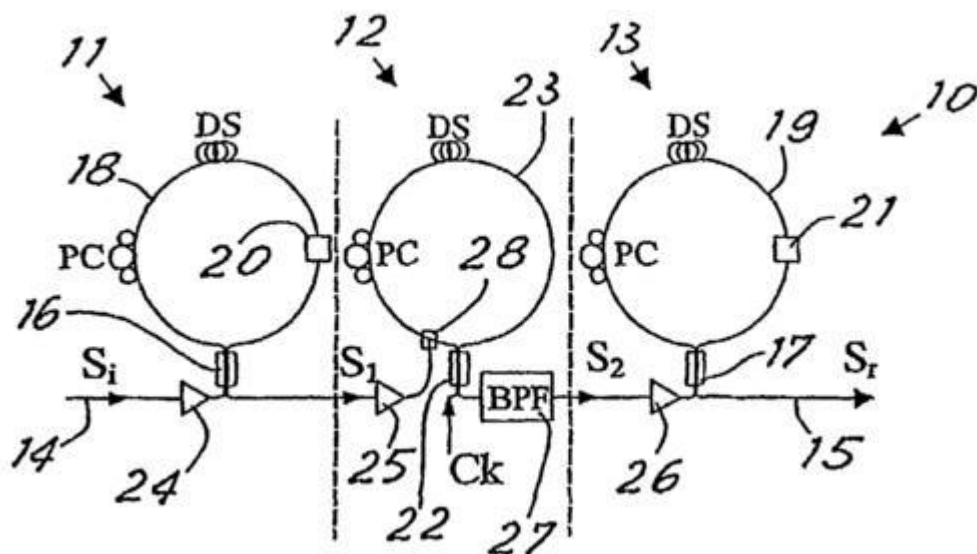
(51) International classification	:H04B10/17 G02F1/35	(71)Name of Applicant :
(31) Priority Document No	:M12003A 001773	1)MARCONI COMMUNICATIONS SPA
(32) Priority Date	:17/09/2003	Address of Applicant :VIA LODOVICO CALDA, I-5-16153 GENOVA
(33) Name of priority country	:Italy	ITALY Not Applicable Italy
(86) International Application No	:PCT/EP2004/051968	(72)Name of Inventor :
Filing Date	:31/08/2004	1)BOGONI, ANTONELLA
(87) International Publication No	:WO2005/027379A3	2)GHELFI, PAOLO
(61) Patent of Addition to Application Number	:NA	3)SCAFFARDI, MIRCO
Filing Date	:NA	4)POTI, LUCA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 10

(57) Abstract :

A pulsed optical signal regenerator device comprises three optical stages (11,12,13) arranged in cascade between an input (14) to which is applied a signal S_i to be regenerated and an output (15) at which is available a regenerated signal S_r . The first stage (11) comprises a first noise suppressor on the zero for noise reduction in the spaces between the input signal pulses. The second stage (12) comprises an inverting converter for transferring to a clock signal (Ck) the information carried by the signal outgoing from the first stage and introducing a logical inversion of the signal for transformation of the pulses affected by noise in spaces affected by noise. The third stage (13) comprises a second noise suppressor on the zero for reduction of the noise in the spaces between the signal pulses output from the second stage. The clock signal can be at a tributary bit rate of the entering signal to obtain a demultiplexer function also.



(54) Title of the invention : VERY HIGH EFFICIENCY ORGANIC LIGHT EMITTING DEVICES BASED ON ELECTROPHOSPHORESCENCE

(51) International classification :C09K11/06 H01L51/30
H01L51/50 H05B33/14
(31) Priority Document No :09/311,126
(32) Priority Date :13/05/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US00/12946
Filing Date :11/05/2000
(87) International Publication No :WO 00/70655
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2001/01348/MUM
Filed on :31/10/2001

(71)Name of Applicant :

1)THE TRUSTEES OF PRINCETON UNIVERSITY

Address of Applicant :NEW SOUTH BUILDING, 5TH FLOOR, P. O. BOX 36, PRINCETOWN, NEW JERSEY 08544, Not Applicable U.S.A.

2)THE UNIVERSITY OF SOUTHERN CALIFORNIA

(72)Name of Inventor :

1)MARC A. BALDO**2)PAUL E. BURROWS,****3)STEPHEN R. FORREST****4)MARK E. THOMPSON****5)SERGEY LAMANSKY**

No of Pages : 29

No of Claims : 32

(57) Abstract :

An electroluminescent layer comprising an emissive later including an emissive molecule that is a phosphorescent organometallic iridium compound or a phosphorescent organometallic osmium compound.

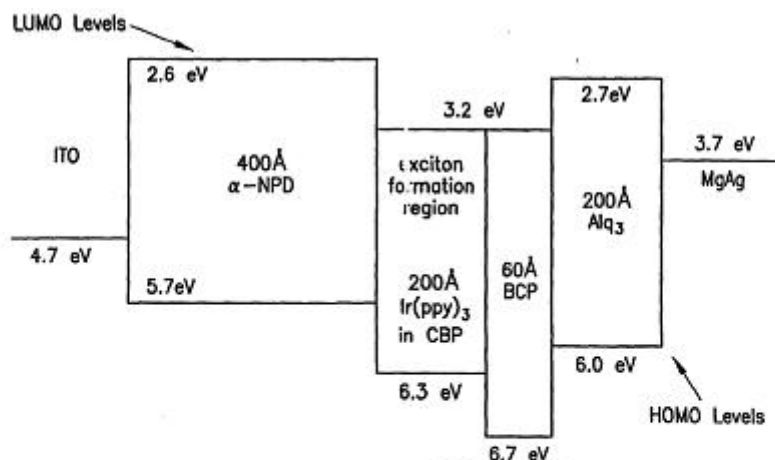
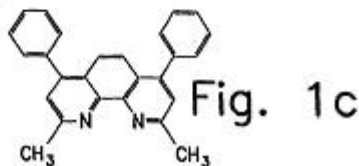
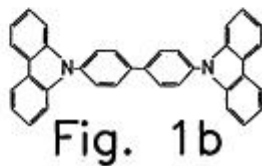
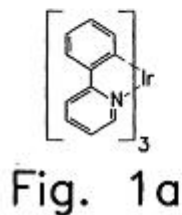


Fig. 1



(12) PATENT APPLICATION PUBLICATION

(21) Application No.01377/MUMNP/2005 A

(19) INDIA

(22) Date of filing of Application :08/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : CALL MANAGEMENT PROTOCOL FOR INSUFFICIENT CREDIT

(51) International classification :H04M 17/00
(31) Priority Document No :2003/3551
(32) Priority Date :08/05/2003
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2004/001445
Filing Date :07/05/2004
(87) International Publication No :WO 2004/100521
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)KAHN ARI

Address of Applicant :41 22ND STREET, PARKHURST, 2193,
JOHANNESBURG, South Africa

(72)Name of Inventor :

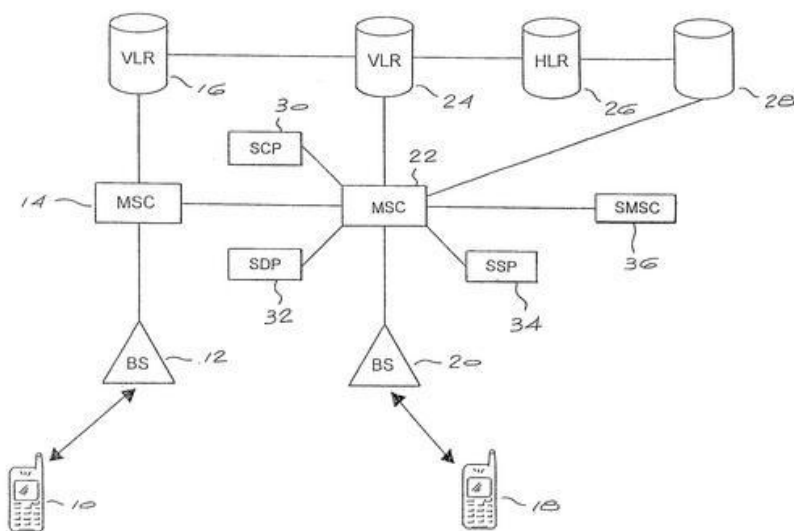
1)KAHN ARI

No of Pages : 11

No of Claims : 11

(57) Abstract :

A method and system for operating a telephony service are disclosed, in which callers with insufficient credit or network airtime are able to contact a call recipient. The network monitors call attempts from callers to identify call attempts from callers with insufficient credit or airtime to make a call. When such a call attempt is detected, a call request is transmitted to the intended recipient of the call, to notify the recipient of the call attempt. The notification may take the form of an in-call notification if the call recipient is on-line, or an SMS or voicemail message if the recipient is off-line. The method and system permit individuals who otherwise would not be able to access the network to indicate to a call recipient that they have attempted to contact the call recipient. The call recipient can then contact the would be caller at his/her discretion.



28 CENTRE DE FACTURATION

(54) Title of the invention : FRONT LIGHTING STRUCTURE FOR MOTOR SCOOTER TYPE VEHICLE

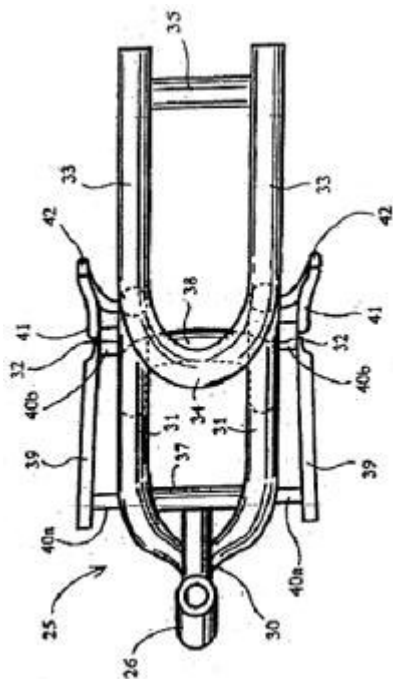
(51) International classification	:B62J23/00	(71)Name of Applicant :
(31) Priority Document No	:2000-403913	1)HONDA GIKEN KOGYO KABUSHIKI KAISHA
(32) Priority Date	:05/12/2000	Address of Applicant :1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)TAKEFUMI TATEWAKI
Filing Date	:NA	2)SATOSHI KAWAWA
(87) International Publication No	: NA	3)HIROSHI SHIRAKAWA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 40

No of Claims : 4

(57) Abstract :

To reduce in size a front lighting structure provided at a handle cover. A front lighting structure 11 provided at a front of a handle cover covering a handle is formed to be laterally elongate, a head light portion 60 is disposed at the center of the front lighting structure 11, while position light portions 61 are disposed on the left and right sides of the front lighting structure 11, these are integrated, and the position light portions 61 are retracted from the head light portion 60. A reflector 64 is integrally provided with flat surface portions 64d on both sides of a head light portion reflector 64a, to be reflectors of the position light portions 61. The head light portion reflector 64a reflects the light from a head light bulb 65 disposed at the center, thereby illuminating the front side of the tip ends of the flat surface portions 64d, whereas the flat surface portions 64d and position light bulbs 66 cast light to lateral sides. A lens 62 integrally comprises a head light portion lens 62a and position light portion lenses 62b, and is curved to be protuberant to the front side, and the position light portion lenses 62b are turned round to both lateral sides beyond the head light portion reflector 64a.



(54) Title of the invention : METHOD AND APPARATUS FOR OBTAINING SERVER INFORMATION IN A WIRELESS NETWORK

(51) International classification :H04L29/06,
 (31) Priority Document No :60/558,796
 (32) Priority Date :31/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/010896
 Filing Date :31/03/2005
 (87) International Publication No :WO2005/099230A1
 (61) 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 INCORPORATEDAddress of Applicant :5775 Morehouse Drive, San Diego, California
92121-1714, U.S.A.

(72)Name of Inventor :

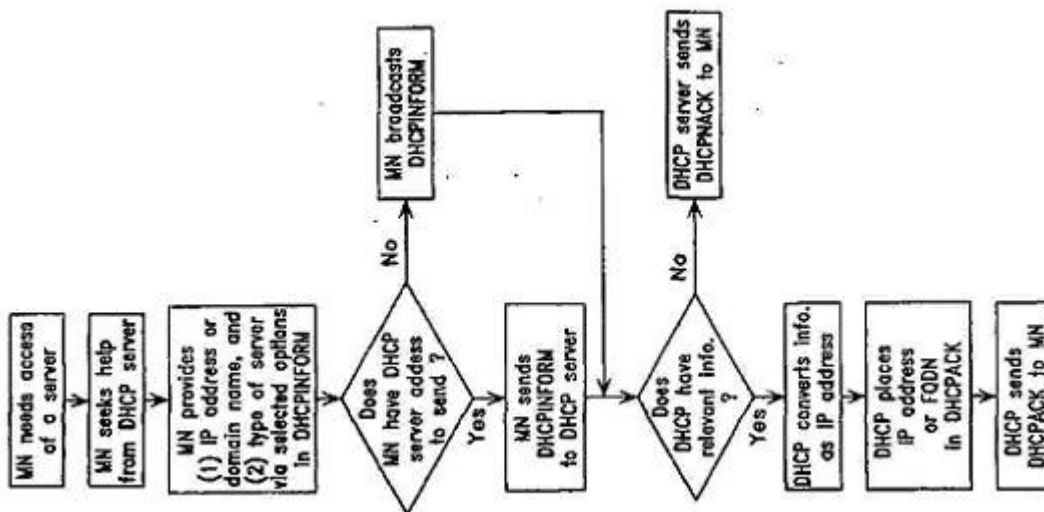
1)MAHENDRAN, Arungundram, C.**2)WANG, Jun****3)HSU, Raymond, Tah-Sheng**

No of Pages : 27

No of Claims : 33

(57) Abstract :

In a communications system where a mobile node seeks to establish contact with a server node within or outside the home network of the mobile node by first providing the general location information and the server type of the server node to a DHCP (Dynamic Host Configuration Protocol) server. The DHCP server then matches the provided information with its record in storage to arrive at an IP (Internet Protocol) address of the sought server node. The DHCP server then sends the IP address to the mobile node, thereby allowing the mobile node to directly access the server node.



(54) Title of the invention : CREEL LOADING AND RELIEVING DEVICE FOR A WINDING DEVICE OF A TEXTILE MACHINE PRODUCING CROSSWOUND BOBBINS

(51) International classification :B65H54/52
 (31) Priority Document No :102004032514.6
 (32) Priority Date :06/07/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/004373
 Filing Date :22/04/2005
 (87) International Publication No :WO2006/002704A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

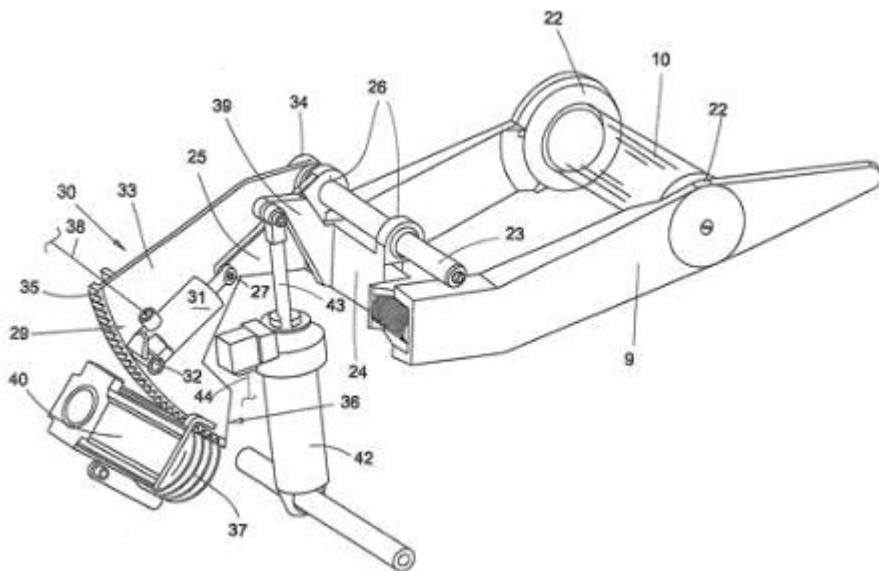
(71)Name of Applicant :
1)SAURER GMBH & CO., KG.
 Address of Applicant :LANDGRAFENSTRASSE 45, D-41069
 MONCHENGLADBACH, Germany
 (72)Name of Inventor :
1)MEYER JURGEN
2)OEHL WILHELM
3)ENGELHARDT DIETMAR
4)PREUTENBORBECK MAXIMILIAN

No of Pages : 17

No of Claims : 9

(57) Abstract :

The invention relates to a creel loading and relieving device for a winding device of a textile machine producing crosswound bobbins in order to adjust the contact pressure of a take-up bobbin mounted in a creel on a driving roll. Said creel loading and relieving device comprises a creel that is pivotally mounted via a creel shaft and a force applying means which grips the creel and is adjustable via a positioning element. The inventive creel loading and relieving device (30) is provided with an actuator (33) that can be positioned by means of an electromotive drive (40) while a force applying means (29) which impinges upon the creel (9) is disposed on said actuator (33). The force applying means is configured as a pneumatic spring (29) and is hinged to a first lever arm (25) that is connected to a creel yoke (24). The loading or relieving moment to be applied to the creel (9) by the pneumatic spring (29) can be adjusted with precision by positioning the actuator (33) accordingly.



(54) Title of the invention : NOVEL PYRIDOPYRAZINES AND USE THEREOF AS KINASE INHIBITORS

(51) International classification :C07D471/04
A61P35/00
(31) Priority Document No :103 23 345.8
(32) Priority Date :23/05/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/005379
Filing Date :19/05/2004
(87) International Publication No :WO 2004/104002
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ZENTARIS GMBH
Address of Applicant :WEISMIILLERSTRASSE 45, 60314
FRANKFURT. Germany
(72)Name of Inventor :
1)GUNTHER, ECKHARD
2)CLAUS ECKHARD
3)SEIPELT IRENE
4)RAPP ULF-R
5)WIXLER LUDMILLA

No of Pages : 61

No of Claims : 21

(57) Abstract :

The invention relates to novel pyrido[2,3-b]pyrazine derivatives of general formula (I), the production and use thereof as medicaments, especially for the treatment of malignant and other diseases based on pathological cell proliferations.



(54) Title of the invention : OSTEOSYNTHESIS PLATE

(51) International classification :A61B 17/80
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/IB04/001784
 Filing Date :01/06/2004
 (87) International Publication No :WO2005/117732
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

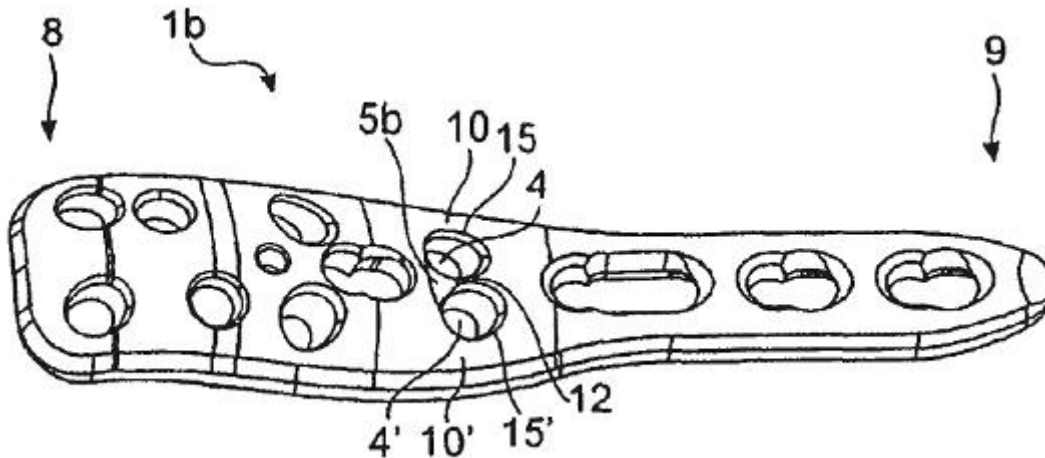
(71)**Name of Applicant :**
1)SYNTHES GMBH
 Address of Applicant :EIMATTSTRASSE 3, CH-4436 OBERDORF,
 Switzerland
 (72)**Name of Inventor :**
1)SCHWER STEFAN
2)MARIETHOZ ERIC
3)ANDERMATT DANIEL
4)MARTINELLI ORLANDO

No of Pages : 13

No of Claims : 9

(57) Abstract :

The present invention relates to an osteosynthesis plate (1b) comprising at least two drilled holes (4, 4') arranged adjacent to one another. According to the invention, a notch (5b) is arranged on the convex side (6) of the osteosynthesis plate, between the at least two drilled holes arranged adjacent to one another.



(54) Title of the invention : METHOD AND APPARATUS FOR OBJECT BASED BIOLOGICAL INFORMATION MANIPULATION AND MANAGEMENT

(51) International classification :G06F19/00
 (31) Priority Document No :60/480,618
 (32) Priority Date :20/06/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/EP/2004/006620
 Filing Date :18/06/2004
 (87) International Publication No :WO 2004/114191 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)HELIX GENOMICS PVT. LTD.

Address of Applicant :Sri Janaki 302 Block 11 Sri Sai Paradise S. S. Nagar Street No.8 Hubsdiguda Uppal Hyderabad 500 007 Andhra Pradesh India

2)TERRAMARK MARKENCREATION GMBH

(72)Name of Inventor :

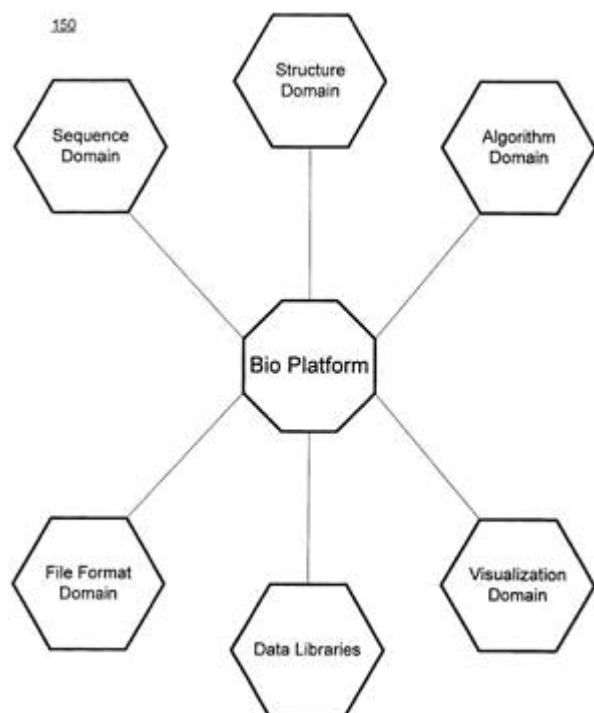
1)PRASAD Burra V. L. S.

No of Pages : 58

No of Claims : 56

(57) Abstract :

A biological data manipulation system, and a programming language and system, and a method of use thereof, are disclosed. The system, apparatus, and method includes a first data file receiver a first data file having data indicative of a first data file type and data indicative of least one biological data object, a first data classifier that applies a plurality of rules to the first data file parse the first data file type and into a plurality of string classes, wherein the master class is differentiated against at least one selected from the group consisting of a single biosequence master and multiple biosequence master, and third classifier that an at least one biological data object of the first data file, wherein the at least one biological data object is multiple inherited to the master class in accordance with at least one of the plurality of rules, and in accordance with at least a partial sequence of stored biodata compared by the third classifier against at least a partial sequence of at least one of the plurality of string classes.



(54) Title of the invention : ROADWAY PAVING SYSTEM, APPARATUS AND METHOD INCLUDING ROADWAY PAVING VEHICLE

(51) International classification :E01C 19/21
 (31) Priority Document No :09/873,800
 (32) Priority Date :04/06/2001
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US02/16669
 Filing Date :28/05/2002
 (87) International Publication No :WO02/099198A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :01084/MUMNP/2003
 Filed on :25/11/2003

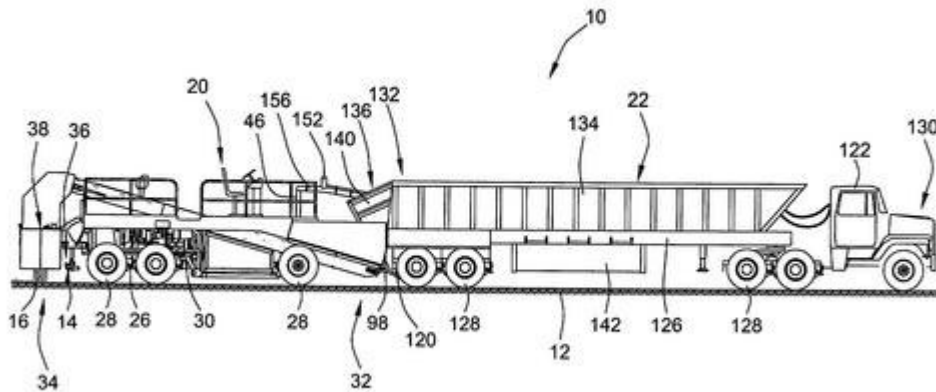
(71)Name of Applicant :
1)SEMMATERIALS,L.P.
 Address of Applicant :6120 South Yale, Suite 700 Tulsa, Oklahoma
 74136, U.S.A.
 (72)Name of Inventor :
1)JAMES J. BARNAT
2)PATRICK C. O'BRIEN
3)HAROLD DABBS
4)JEREMY HELLER
5)THOMAS R. BROWN
6)TYRONE HANNEAUM

No of Pages : 31

No of Claims : 23

(57) Abstract :

A roadway paving apparatus (10) for chipsealing a roadway (12) is capable of applying a liquid binder (14) and an aggregate (16) onto the roadway. Said apparatus comprising: A paving vehicle (20) having a chasis (26) with front (32) and rear (34) ends, supported by wheels (28) and powered by an engine (30); a supply truck (229. Said paving vehicle (20) further comprising: An asphalt binder dispensing system (36) and an aggregate dispensing system (38). The asphalt binder dispensing system further comprising: an input conduit (46) for receiving a supply of asphalt binder material, an electronic control module (152). A mechanical connecting device (98/120) permits the front of the paving apparatus (20) to be attached to the rear end of a supply truck (122). The supply truck (122) having a chassis (126), a front and rear end (130,132) supported by wheels (123), a supply hopper (134) with a tailgate (14) proximate a discharge area (136), an asphalt binder supply tank (142) and a supply hose (156).



(54) Title of the invention : AZIMUTH BRAKE FOR WIND POWER SYSTEMS

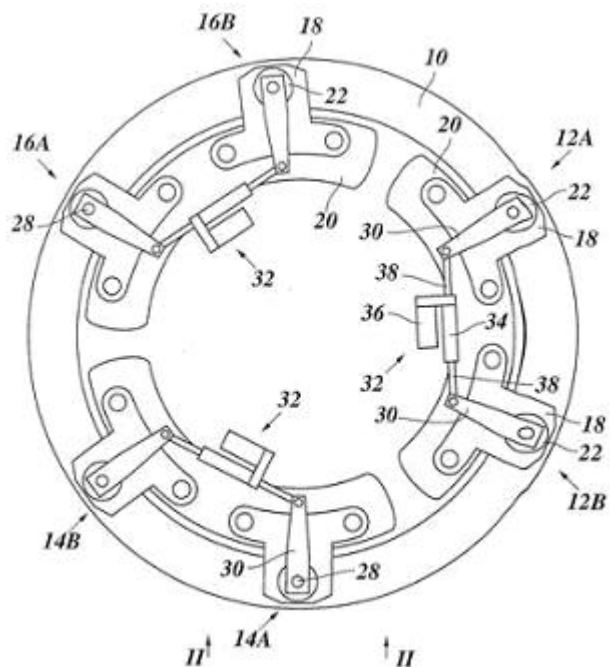
(51) International classification	:F16D65/18,F03D11/00	(71)Name of Applicant :
(31) Priority Document No	:203 14 822.3	1)HANNING & KAHL GMBH & CO., KG.,
(32) Priority Date	:23/09/2003	Address of Applicant :RUDOLF-DIESEL-STRASSE 6, D-33813,
(33) Name of priority country	:Germany	OERLINGHAUSEN, Germany
(86) International Application No	:PCT/EP2004/009763	(72)Name of Inventor :
Filing Date	:02/09/2004	1)Gabor-Josef Agardy
(87) International Publication No	:WO2005/038286A1	2)Jurn Edzards
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 10

(57) Abstract :

An azimuth brake for wind power systems, comprising at least two brake shoe pairs (121, 12B; 14A, 14B; 16A, 16B) which are arranged on a common brake disk (10) and which are respectively associated with an actuator (24, 30), characterized in that each actuator is provided with a lever (30), which can be pivoted about an axis which is perpendicular to the plane of the brake disk (10), and a gear mechanism (24) for translating the pivoting movement of the lever (30) into an axial pressing movement of the brake shoes (26) against the brake disk, further characterized in that the levers (30) of the at least two actuators are coupled by a common drive (32).



(54) Title of the invention : SATIETY ENHANCING FOOD COMPOSITIONS

(51) International classification :A23L1/29,
A23L1/0532
(31) Priority Document No :03255495.8
(32) Priority Date :03/09/2003
(33) Name of priority country :EUROPEAN
UNION
(86) International Application No :PCT/EP2004/009300
Filing Date :19/08/2004
(87) International Publication No :WO2005/020719A1
(61) 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 Lever LimitedAddress of Applicant :Hindustan Lever House, 165-166 Backbay
Reclamation, Mumbai, 400 020, Maharashtra India

(72)Name of Inventor :

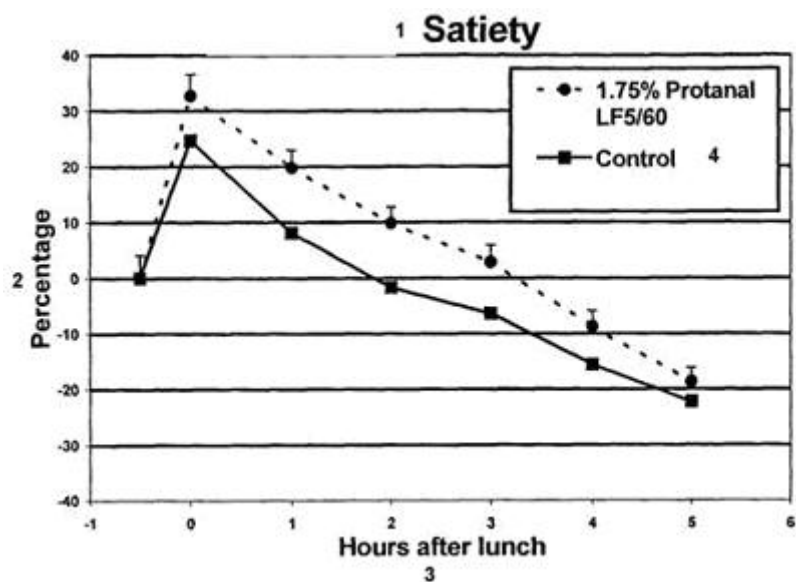
1)ALDRED Deborah Lynne**2)van AMERONGEN Ivo Antonius****3)BODOR Janos****4)MELA David Jason****5)RAYMENT Philippa**

No of Pages : 59

No of Claims : 21

(57) Abstract :

The present invention provides an aqueous liquid or spoonable edible composition comprising at least 1% wt protein and from 0.1 to 5% wt of a biopolymer thickening agent which is not denatured or hydrolysed between pH 2 and 4, and wherein the composition has a gel strength at 37°C and pH 2 of at least 10 KPa. The compositions of the invention have good satiety effects and are beneficial for use in weight control plans.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.414/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :04/04/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : SMALL COMPUTER SYSTEM INTERFACE COMMAND - SET FOR DATABASES.

(51) International classification	:G06F13/14 G06F11/30	(71)Name of Applicant : 1)ADITYA S PANDIT Address of Applicant :20 AMBIKA HSG. SOCIETY, S.B. ROAD, PUNE - 16. Maharashtra India
(31) Priority Document No	:NA	2)KIRAN P JOSHI
(32) Priority Date	:NA	3)MADHAV A. DESHPANDE
(33) Name of priority country	:NA	4)SUJAY S. GODBOLE
(86) International Application No	:NA	5)VAIBHAV V. NIVARGI
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)ADITYA S PANDIT
(61) Patent of Addition to Application Number	:NA	2)KIRAN P JOSHI
Filing Date	:NA	3)MADHAV A DESHPANDE
(62) Divisional to Application Number	:NA	4)SUJAY S GODBOLE
Filing Date	:NA	5)VAIBHAV V NIVARGI

No of Pages : 8

No of Claims : 6

(57) Abstract :

The SCSI-DB-disk will help to optimize the database application. The SCSI-DB-Disk will behave as a database. The firmware or circuit attached to the disk will understand commands in form of SCSI CDB modified and encoded to represent SQL-like queries. The Database disk will be completely based on the SCSI architecture. The disk will be made to be addressable and treated like a database. The disk will not have a LBA interface. The interface will be using the SCSI CDB and the CDB can be used to send SQL-like queries understandable to the disk. The disk will convert these queries process them and convert to signals and send it to the disk.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.425/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :04/04/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF CALCIUM SALT OF ROSUVASTATIN

(51) International classification	:C07D239/42	(71) Name of Applicant :
(31) Priority Document No	:NA	1)UNICHEM LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :MAHALAXMI CHAMBERS, 2ND FLOOR,
(33) Name of priority country	:NA	22,BHULABHAI DESAI ROAD, MUMBAI-400 026 Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DESHPANDE PANDURANG BALWANT
(87) International Publication No	: NA	2)RAMAKRISHNAN ARUL
(61) Patent of Addition to Application Number	:NA	3)NILESH BALKRISHNA SHRIGADI
Filing Date	:NA	4)SANDEEP MUKUNDA BAHUL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 15

(57) Abstract :

The invention relates to commercially viable process for the preparation of Rosuvastatin by an early introduction of correct absolute stereochemistry at C-5 (S) of Rosuvastatin side chain followed by regioselective chain extension using novel side chain building blocks and less expensive reagents. it is yet another object of the invention is provide novel intermediates that may be use for preparation of calcium salt of Rosuvastatin.

(54) Title of the invention : ADJUSTABLE SUPPORT MEANS FOR A BED

(51) International classification	:A47C 19/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/AU2003/001274
Filing Date	:26/09/2003
(87) International Publication No	:WO2005/030009A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Piraino, Mario Cladinoro
 Address of Applicant :of 5, Nolan Close, East Doncaster, Victoria 3109, Australia

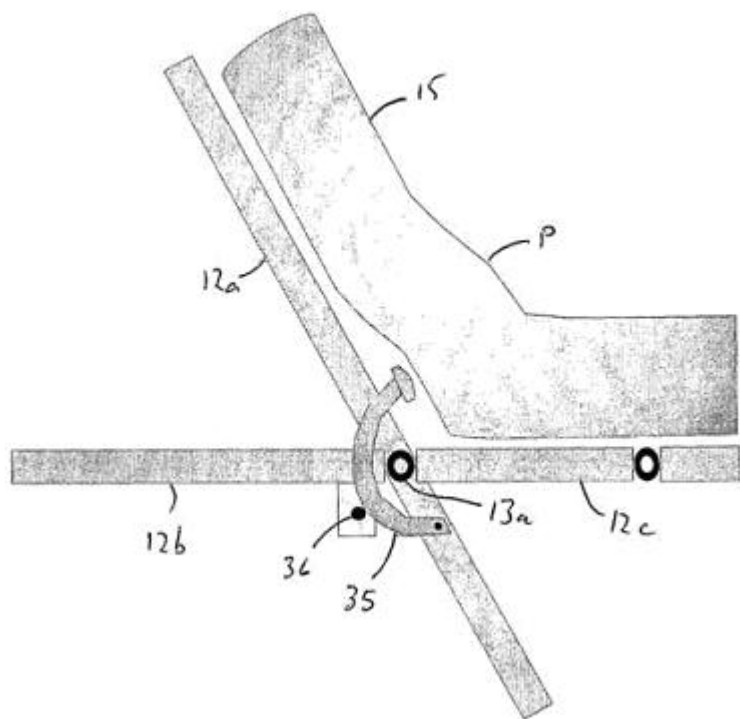
(72)**Name of Inventor :**
1)Piraino, Mario Cladinoro

No of Pages : 34

No of Claims : 43

(57) Abstract :

A support base (11) for a bed mattress (15) having at least two planar portions (12a, 12b, 12c), and the support base (15) further including an adjustable support means (21) able to adjust portion of the mattress (15) out of the plane of extension of the adjacent remainder of the adjacent remainder of the mattress and the support base still further including a differential displacement member (25,35) connected with the at least two planar portions and the adjustable support means (21) such that rotation of planar portions and the adjustable support means (21) such that rotation of the at least one planar portion relative to said another causes adjustment of said portion of the mattress out of the plane of extension of the adjacent remainder of the mattress.



(54) Title of the invention : COVER FOR THE DIAPHRAGM OF A STETHOSCOPE AND A DISPENSER FOR SAME

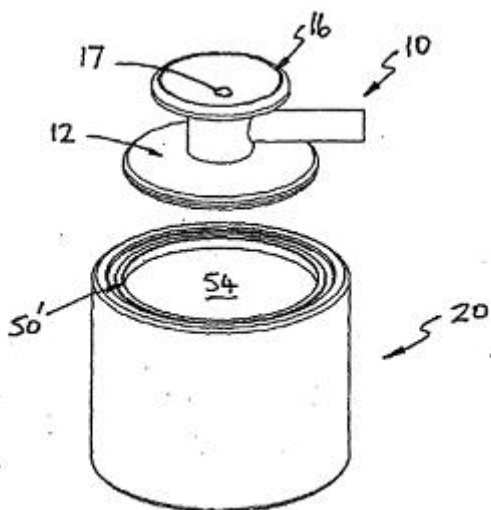
(51) International classification	:A61B7/02	(71)Name of Applicant :
(31) Priority Document No	:03224789	1)AGAH, ARJANG
(32) Priority Date	:25/09/2003	Address of Applicant :Moat House, 16 Donegore Hill, Dunadry,County
(33) Name of priority country	:U.K.	Antrim, BI41 2HW U.K.
(86) International Application No	:PCT/EP2004/010838	2)AGAH, ORANG
Filing Date	:24/09/2004	(72)Name of Inventor :
(87) International Publication No	:WO2005/030054A1	1)AGAH, ARJANG
(61) Patent of Addition to Application Number	:NA	2)AGAH, ORANG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 26

(57) Abstract :

An apparatus for dispensing a cover device, the cover device comprising a frame and a membrane. The cover device is actuatable from a first state, in which an outer portion of the membrane is seated on, or around, an outer surface of the frame, and a second state in which the outer portion of the membrane is located generally inwardly of its seated position. The apparatus comprises a magazine for storing at least one cover device in said first state, the magazine having a mouth through which the at least one cover device may be dispensed; and means for actuating the at least one stored cover device from the first state to the second state. In a preferred embodiment, said actuating means actuates the at least one stored cover device from the first state to the second state upon movement of said at least one stored cover device into the magazine. Hence, when the head of a stethoscope (or other instrument) is inserted into the mouth of the dispenser, thereby pushing the topmost cover device into the magazine in a direction generally away from the mouth, the cover device is actuated to the second state thereby causing it to grip the head of the stethoscope (or other instrument).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.484/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/04/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : Novel Methods of Delivering Active Ingredients to Plants

(51) International classification	:A01G17/18	(71) Name of Applicant :
(31) Priority Document No	:GB0416043.8	1)AQUASOL LIMITED
(32) Priority Date	:17/07/2004	Address of Applicant :Writtle College Campus, Chelmsford, Essex
(33) Name of priority country	:U.K.	CM1 3WN, U.K.
(86) International Application No	:PCT/GB2005/002827	(72) Name of Inventor :
Filing Date	:18/07/2005	1)EDWARDS David Brian
(87) International Publication No	:WO2006/008511A1	2)DREW, Bruce Michael
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 15

(57) Abstract :

This invention relates to the delivery of active ingredients to plants or cut plants and to the repair of damaged, spliced or grafted plants in which both healing materials and mechanical support are brought to the site of the wound, splice or graft by means of a water-soluble or water-dispersible bandage or wound dressing, in particular, but not exclusively, a water-soluble or water-dispersible self adhesive tape or label. The active ingredient or ingredients are transmitted safely and efficaciously to the plant without contaminating the user, the environment, neighbouring plants or crops, and the water-soluble or water-dispersible bandage or wound dressing will, over time, dissolve, become absorbed by the plant, or disperse either whilst still attached to the plant or in a subsequent composting process.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.512/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/05/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : ORAL FORMULATIONS FOR 5-HT-RECEPTOR AGONISTS, USES AND METHODS OF TREATMENT EMPLOYING THE SAME

(51) International classification	:A61K9/00
(31) Priority Document No	:0325383.8
(32) Priority Date	:30/10/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/004605
Filing Date	:01/11/2004
(87) International Publication No	:WO2005/044222A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CIPLA LIMITED

Address of Applicant :289 Bellasis Road, Mumbai Central, Mumbai 40008, Maharashtra India

(72)Name of Inventor :

1)LULLA, Amar

2)MALHOTRA, Geena

No of Pages : 35

No of Claims : 86

(57) Abstract :

A pharmaceutically acceptable oral formulation comprising core material which comprises a therapeutically effective amount of a 5-HT-receptor agonist, or a pharmaceutically acceptable salt, solvate or derivative thereof, which core material is provided with a substantially water resistant coating comprising one or more substantially water resistant materials.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.519/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/05/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD OF PRODUCING BACULOVIRUS

(51) International classification	:C12N7/02
(31) Priority Document No	:2003906171
(32) Priority Date	:10/11/2003
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2004/001549
Filing Date	:10/11/2003
(87) International Publication No	:WO2005/045014 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)THE UNIVERSITY OF QUEENSLAND

Address of Applicant :St Lucia, Brisbane, Queensland, 4072, Australia

(72)**Name of Inventor :**

1)REID, Steven

2)LUA, Linda

No of Pages : 20

No of Claims : 13

(57) Abstract :

The present invention is directed to a method for producing commercial quantities of Baculovirus using combination of methods involving producing occlusion bodies with infectious baculovirus in caterpillar larvae and large numbers of viral particles with serial passages in cell culture. A two step method was developed by initially producing infectious virus in caterpillar larvae and the using the resultant infectious virus as an inoculum for a limited number of serial passages in cell culture so to produce large amounts of infectious baculovirus.

(54) Title of the invention : METHOD AND APPARATUS FOR AUTHENTICATION IN WIRELESS COMMUNICATION

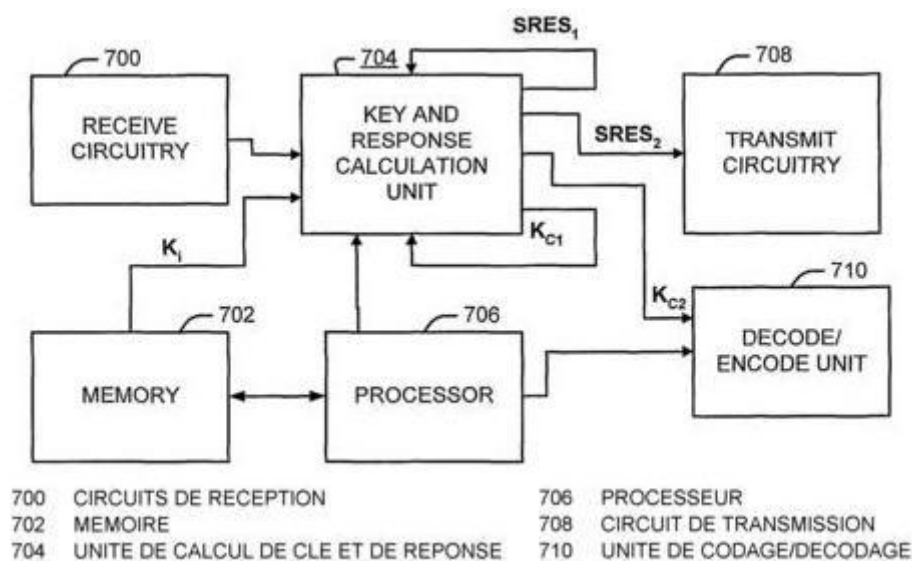
(51) International classification	:H04Q 7/38	(71)Name of Applicant :
(31) Priority Document No	:60/518,041	1)QUALCOMM INCORPORATED
(32) Priority Date	:07/11/2003	Address of Applicant :5775 Morehouse Drive, San Diego, California
(33) Name of priority country	:U.S.A.	92121-1714, U.S.A.
(86) International Application No	:PCT/US2004/036538	(72)Name of Inventor :
Filing Date	:01/11/2004	1)ROSE, Gregory G.
(87) International Publication No	:WO2005/048638 A1	2)PADDON, Michael
(61) Patent of Addition to Application Number	:NA	3)HAWKES, Philip M.
Filing Date	:NA	4)SEMPLE, James E.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 34

(57) Abstract :

Systems and methods of securing wireless communications between network and a subscriber station include inserting a marker denoting an encryption type within a random value used for authentication, calculating a first session key and a first response value as a function of the random value, then calculating a second session key and a second response value as a function of the random value, first session key and first response value. The two levels of sessions keys and response values may be used by upgraded subscriber stations and network access points to prevent attackers from intercepting authentication triplets.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.521/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :28/04/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : TRANSIENT BLOCK AND TERMINATOR ASSEMBLY

(51) International classification	:H01R13/646 H02M1/12 H02H9/00 H03H1/00	(71) Name of Applicant : 1)PVA ENTERPRISES CORPORATION Address of Applicant :502 N. STONE AVENUE, LAGRANGE PARK, IL 60526, U.S.A.
(31) Priority Document No	:10/839,352	(72) Name of Inventor :
(32) Priority Date	:06/05/2004	1)DONALD G. PENNINGTON
(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	

No of Pages : 19

No of Claims : 20

(57) Abstract :

A transient block and terminator assembly is provided for attenuating high frequency transients generated on an earth ground from being fed back up to an electrical load reference ground. The termination assembly includes a housing block, an input electrical connector, an output electrical connector, and a tuned inductive filter assembly. The input electrical connector is connected to a first end of the housing block and is connectable to the earth ground. The output electrical connector is connected to a second end of the housing block and is connectable to the electrical load reference ground. The tuned inductive filter assembly is disposed in the housing block and is electrically coupled between the earth ground and the electrical load reference ground for attenuating the high frequency transients generated on the earth ground from being fed back up to the electrical load reference ground.

(54) Title of the invention : DRIVING DEVICE FOR PASSAGE GATES OR THOROUGHFATE GATES AND DOOR OR GATE DRIVES

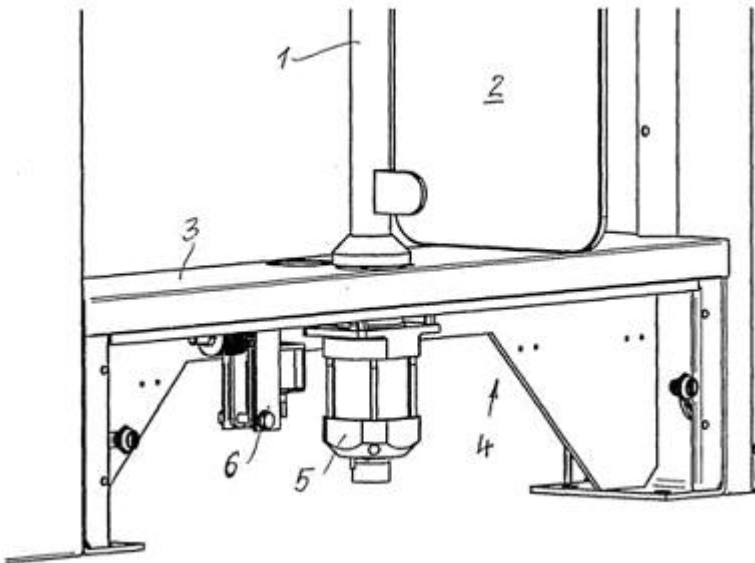
(51) International classification	:E05F15/12	(71)Name of Applicant :
(31) Priority Document No	:103 53 366.4	1)MAGNETIC AUTOCONTROL GMBH
(32) Priority Date	:14/11/2003	Address of Applicant :GRIENAMATT 20 DE-79650 SCHOPFHEIM,
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/DE2004/002499	(72)Name of Inventor :
Filing Date	:12/11/2004	1)Lais Lothar
(87) International Publication No	:WO2005/049948A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 14

(57) Abstract :

Disclosed is a driving device for passage gates or thoroughfare gates and door or gate drives. Said driving device comprises a brushless DC servo motor to which a servo regulator is assigned. The output shaft of said DC servo motor is directly connected to the drive shaft of the locking element. The DC servo motor can be accurately regulated to a great extent regarding rotational speed, torque, etc. and can be adapted to different requirements via the servo regulator such that the same motor can be used for many different applications along with said servo regulator, i.e. a continuous drive system is created. Coupling gears and reduction gears, i.e. parts that are prone to malfunction and wear, can be dispensed with due to the fact that the locking element is directly driven, thus requiring less maintenance work at greater intervals.



(54) Title of the invention : FABRIC CLEANING DEVICE

(51) International classification	:A47L25/08
(31) Priority Document No	:0326496.7
(32) Priority Date	:13/11/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2004/012244
Filing Date	:28/10/2004
(87) International Publication No	:WO2005/046422A1
(61) 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 Lever LimitedAddress of Applicant :Hindustan Lever House, 165-166 Backbay
Reclamation, Mumbai-400 020, Maharashtra India

(72)Name of Inventor :

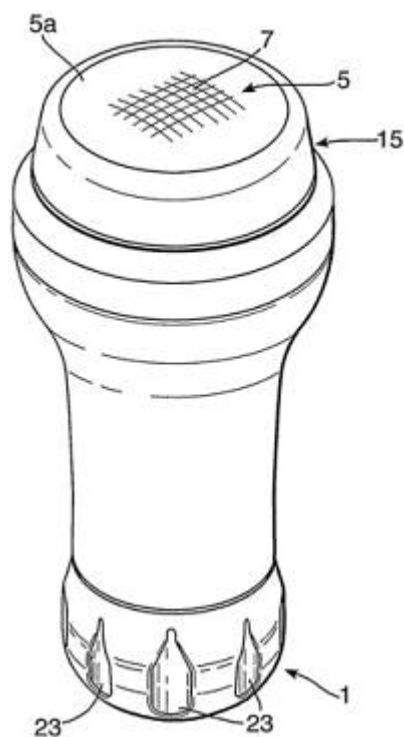
1)ORMOND Jane Elizabeth**2)STEINHOBEL Brian Arthur**

No of Pages : 17

No of Claims : 10

(57) Abstract :

A device for cleaning a substrate such as a fabric comprises a reservoir (3) for storing a fabric cleaning fluid (9), a scrubbing member (5) for scrubbing the fabric, the scrubbing member (5) in fluid communication with the reservoir (3). The scrubbing member (5) comprises one or more dispensing orifices (7) and a movable platform (11) for forcing said cleaning fluid (9) to exit from the reservoir (3) to the scrubber member (5), where it is exposed on an exterior portion of the scrubber member via said dispensing orifices (7), for cleaning purposes.



(54) Title of the invention : MIRROR GLASS COMPONENT COMPRISING AN INTEGRATED LUMINOUS FILM

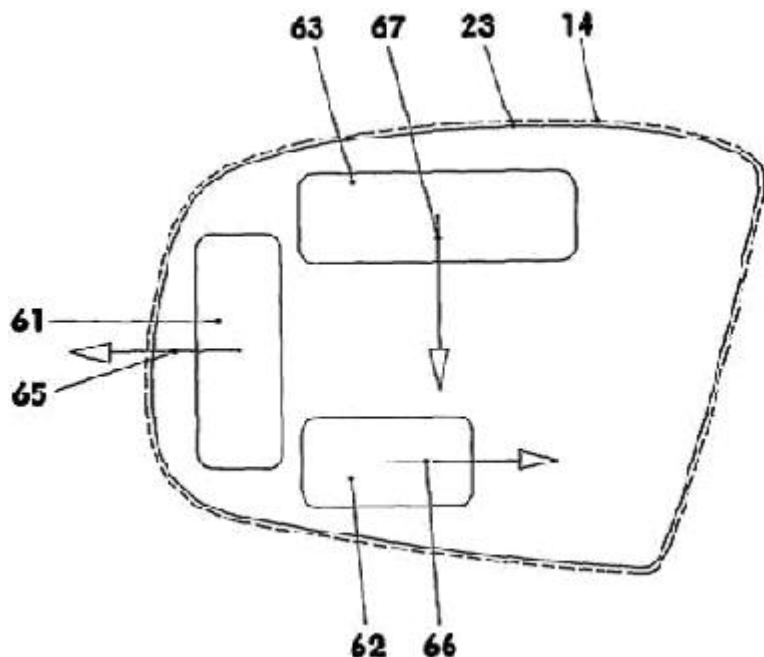
(51) International classification	:B60R	(71)Name of Applicant :
(31) Priority Document No	:103 49 742.0	1)SCHEFENACKER VISION SYSTEMS GERMANY GMBH
(32) Priority Date	:23/10/2003	Address of Applicant :ECKENERSTRASSE 2, 73730 ESSLINGEN,
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/DE2004/002351	(72)Name of Inventor :
Filing Date	:21/10/2004	1)Oehmann Roland
(87) International Publication No	:WO2005/039925	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 4

(57) Abstract :

The invention relates to a vehicle exterior mirror module with a mirror glass component, comprising at least one mirror glass and at least one luminous element attached thereto. At least one of the luminous elements is a luminous film. The luminous film(s) is (are) arranged behind the mirror glass. In the region of the luminous films the mirroring of the mirror glass is, at least in regions, partly or semi-transparent. According to the invention, a vehicle exterior mirror module is provided, in which at least one luminous means is integrated in a space-saving manner and which is connected in such a manner as to be able to be simply and securely assembled with little cabling requirement.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.627/MUM/2005 A

(19) INDIA

(22) Date of filing of Application :24/05/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR PREPARING 6,9-IMINO ETHER

(51) International classification	:C07H17/08 C07H17/00 B01J23/90	(71)Name of Applicant : 1)Kopran Research Laboratories Ltd Address of Applicant :Parijat House, 1076 Dr E Moses Road, Worli, Mumbai 400018, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)Mahajan Kiran Madhaorao
(33) Name of priority country	:NA	2)Patil Gokul Laxman
(86) International Application No	:NA	3)Chawan Mangesh Balwant
Filing Date	:NA	4)Hire Chandrabhan Madhav
(87) International Publication No	: NA	5)Ambre Rajesh Vishwanath
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 10

(57) Abstract :

A process for preparing 6,9-Imino ether from Erythromycin thiocyanate without isolating Erythromycin base and Erythromycin oxime and Beckmann's rearrangement if erythromycin oxime is carried in the presence biphasic solvent system comprising methylene chloride and water in the presence of triethylamine along with sodium bicarbonate to obtain 87-96% pure 6,9-Imino ether. Further the 6,9-Imino ether is hydrogenated to 9-Deoxo-9a-aza-9a-homoerythromycin A followed by reductive methylation to obtain Azithromycin dihydrate.

(54) Title of the invention : FLOATING PROBE FOR ULTRASONIC TRANSDUCERS

(51) International classification :B23B37/00
 (31) Priority Document No :10/729,628
 (32) Priority Date :04/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/040794
 Filing Date :03/12/2004
 (87) International Publication No :WO2005/056224A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)Cybersonics, Inc

Address of Applicant :5386 Kuhl Road, Erie,PA 16510, U.S.A.

(72)Name of Inventor :

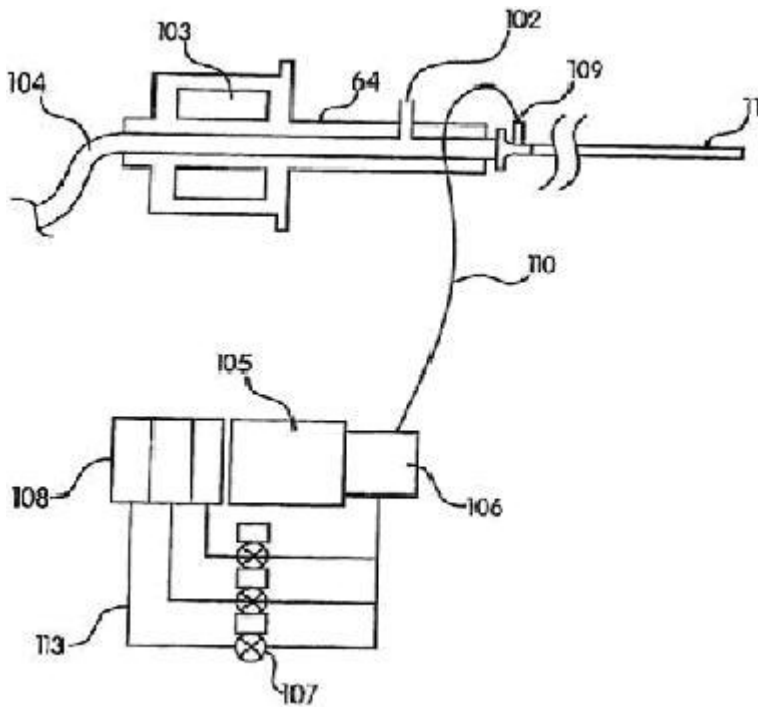
1)PAL, Dharmendra**2)PETERSON, Thomas****3)SONG, Tao****4)DU, Shu**

No of Pages : 37

No of Claims : 81

(57) Abstract :

The present invention relates to a device with an ultrasonic-based probe for drilling and coring. The invention uses ultrasonic and subsonic vibrations produced by a frequency compensation coupler or free mass to produce the hammering action of a partially disengaged probe, with a relatively low axial force required. The invention can also be fitted with irrigation and aspiration capabilities. The invention can furthermore be furnished with a body sensor-feedback apparatus, which provides feedback to the operator as to the optimal frequency and power use of the generator. One embodiment of the invention also has a cooling mechanism to keep the drill or coring apparatus at an optimum temperature.



(54) Title of the invention : METHOD AND APPARATUS IN A MIMO BASED COMMUNICATION SYSTEM

(51) International classification :H04B7/06
 (31) Priority Document No :PCT/SE03/02058
 (32) Priority Date :19/12/2003
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2004/001358
 Filing Date :22/09/2004
 (87) International Publication No :WO2005/060123A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

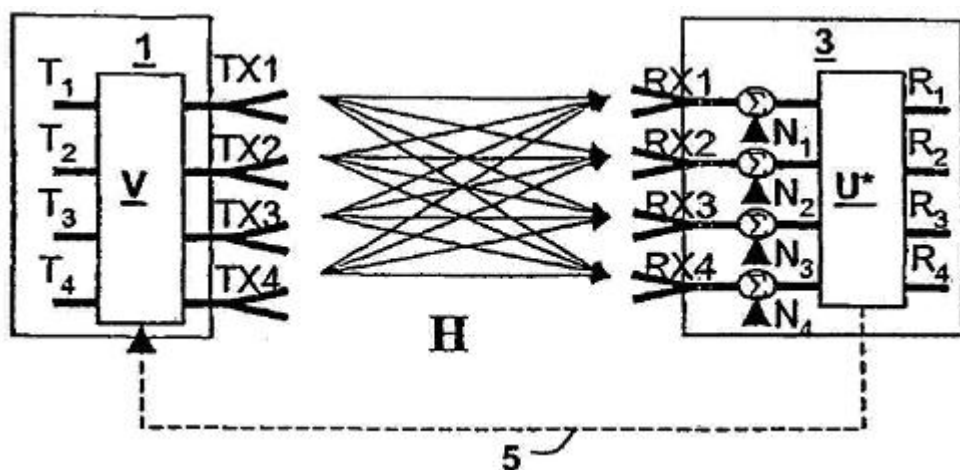
(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET L M ERICSSON (publ)
 Address of Applicant :S-164 83 Stockholm, Sweden
 (72)Name of Inventor :
1)Peter, LARSSON
2)Svante SIGNELL
3)David ASTELY

No of Pages : 26

No of Claims : 17

(57) Abstract :

Communication in a MIMO network is optimized by selecting a first set of users comprising at least one user, selecting a second set of users not comprised in the first set, adapting communication parameters for the first set of users according to a first principle suitable, e.g. SVD, adapting communication parameters for the second set of users according to a second principle, e.g. opportunistic MIMO, and transmitting to the first set of user terminals according to the first communication parameters and to the second set of user terminals according to the second communication parameters. In this way, communication with one or a few users can be op-timized while network resources can be used in an efficient way also for other users.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.707/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :16/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : A NOVEL METHOD FOR THE DETECTION OF CANCER BIOMARKERS IN CERVICAL SPECIMENS

(51) International classification	:G01N 33/574
(31) Priority Document No	:10/738,018
(32) Priority Date	:17/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/041811
Filing Date	:14/12/2004
(87) International Publication No	:WO2005/059555A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CYTYC CORPORATION
Address of Applicant :250 Campus Drive Marlborough, Massachusetts
01752, U.S.A.
(72)**Name of Inventor :**
1)LINDER, James
2)LENTRICIA, Brian

No of Pages : 28

No of Claims : 16

(57) Abstract :

The invention provides a method for the assessment of biological markers in a sample of tissue, cells or fluid for the detection a malignant or pre-malignant condition. Aspects of the present invention are particularly useful in screening samples such as cervical smears from, women to detect such markers. Identification of a malignant or pre-malignant condition may be followed by appropriate treatment.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.714/MUMNP/2004 A

(19) INDIA

(22) Date of filing of Application :13/12/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN AUTOMATED BANKING MACHINE APPARATUS

(51) International classification :B65H29/06, B65H29/40
(31) Priority Document No :60/100758
(32) Priority Date :17/09/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/020443
Filing Date :07/09/1999
(87) International Publication No :WO2000/015530
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2001/00259/MUM
Filed on :09/03/2001

(71)**Name of Applicant :**
1)DIEBOLD INCORPORATED
Address of Applicant :5995 MAYFAIR ROAD, NORTH CANTON,
OHIO 44720, U.S.A.
(72)**Name of Inventor :**
1)WILLIAM BESKITT
2)MICHAEL J HARTY
3)JEFFREY EASTMAN
4)RICHARD J PHELPS

No of Pages : 71

No of Claims : 32

(57) Abstract :

This invention relates to automated banking machines. Specifically, this invention relates to an automated banking machine which includes an apparatus for storing sheets such as currency notes. Alternative forms of the invention also have the capability of selectively dispensing sheets that have been previously stored. The said automated banking machine is comprising a frame; a sheet moving mechanism in supporting connection with the frame, a flipper member in supporting connection with the frame and rotatably movable relative thereto about an axis extending generally normal to the first direction, a gripper member movably mounted in supporting connection with the flipper member, a stop surface adjacent the flipper member, a moving mechanism in operative connection with the flipper member.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.757/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :27/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : QUASI-ONE-DIMENSIONAL POLYMERS BASED ON THE METAL-CHALCOGEN HALOGEN SYSTEM

(51) International classification :C01G 39/00
(31) Priority Document No :03028188.5
(32) Priority Date :08/12/2003
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2004/001870
Filing Date :25/02/2004
(87) International Publication No :WO 2005/058758
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JOZEF STAFAN INSTITUTE
Address of Applicant :JAMOVA 39, 1000 LJUBLJANA, Slovenia
(72)**Name of Inventor :**
1)JESIH Adolf
2)MIHAILOVIC,Dragan
3)REMSKAR Maja
4)MRZEL,Ales
5)VRBANIC,Daniel

No of Pages : 30

No of Claims : 33

(57) Abstract :

The present Invention relates a quasi-one-dimensional material with sub-micron cross-section described by the formula $M_6C_yH_z$, where the M = transition metal, C = chalcogen, H = halogen, and where y and z are integers such that $8.2 < y+z < 10$, which materials are synthesized in a Single-step procedure at temperatures above 1000°C. The present invention also concerns the use of these materials in electronic, chemical, optical or mechanical applications.

(54) Title of the invention : FATTY ACID SOAP/FATTY ACID BARS WHICH PROCESS AND HAVE GOOD LATHER

(51) International classification :C11D17/00
 (31) Priority Document No :10/756616
 (32) Priority Date :13/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/EP2004/014383
 Filing Date :15/12/2004
 (87) International Publication No :WO2005/068600A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

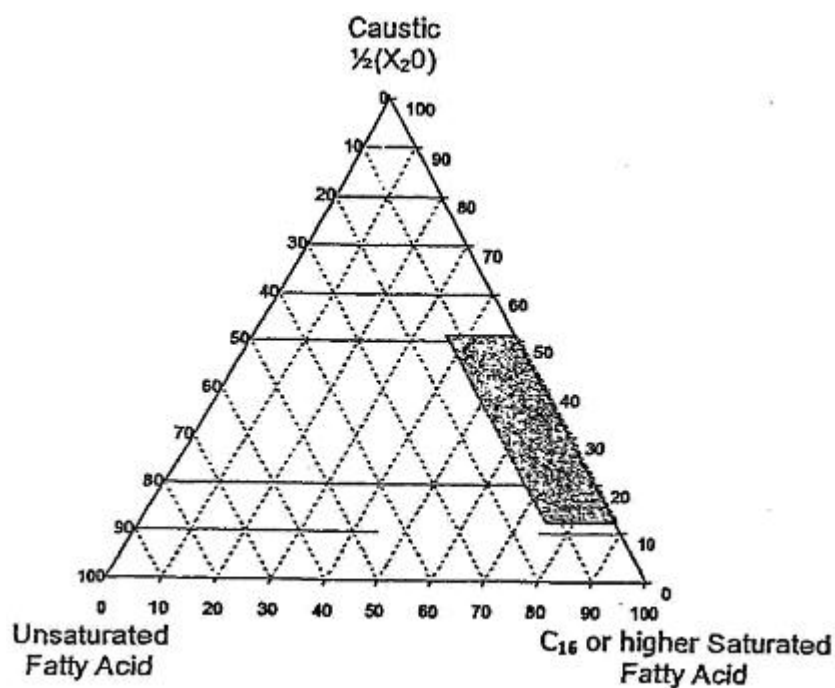
(71)Name of Applicant :
1)HINDUSTAN LEVER LIMITED
 Address of Applicant :Hindustan Lever House,165-166
 Backbay,Reclamation, Mumbai 400 020, Maharashtra India
 (72)Name of Inventor :
1)FARRELL Terence James
2)NUNN Charles Craig

No of Pages : 43

No of Claims : 6

(57) Abstract :

The invention relates to bar compositions comprising fatty acid soap and synthetic surfactant which are structured in such manner (i.e., through specific ternary system) that bars can extrude well and have good properties (e.g., lather), even at low synthetic surfactant level.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.795/MUMNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/07/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : ANTI-IGF-I RECEPTOR ANTIBODY

(51) International classification	:C07K16/00,A61K39/395	(71)Name of Applicant :
(31) Priority Document No	:10/729,441	1)IMMUNOGEN, INC.
(32) Priority Date	:08/12/2003	Address of Applicant :128 Sidney Street, Cambridge, Massachusetts
(33) Name of priority country	:U.S.A.	02139-4239, U.S.A.
(86) International Application No	:PCT/US2004/038230	(72)Name of Inventor :
Filing Date	:07/12/2004	1)SINGH, Rajeeva
(87) International Publication No	:WO2005/061541A1	2)TAVARES, Daniel, J
(61) Patent of Addition to Application Number	:NA	3)DAGDIGIAN, Nancy, E
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 107

No of Claims : 32

(57) Abstract :

Antibodies, humanized antibodies, resurfaced antibodies antibody fragments, derivatized antibodies, and conjugates of same with cytotoxic agents, which specifically bind to, and inhibit, insulin-like growth factor-I receptor, antagonize the effects of IGF-I, IGF-II and serum on the growth and survival of tumor cells, and which are substantially devoid of agonist activity. The antibodies and fragments thereof may be used, optionally in conjunction with other therapeutic agents, in the treatment of tumors that express elevated levels of IGF-I receptor, such as breast cancer, colon cancer, lung cancer, ovarian carcinoma, synovial sarcoma, prostate cancer and pancreatic cancer and the derivatized antibodies may be used in the diagnosis and imaging of tumors that express elevated levels of IGF-I receptor.

(54) Title of the invention : CORIOLIS FLOWMETER

(51) International classification :G01F 1/84
 (31) Priority Document No :2004-026811
 (32) Priority Date :03/02/2004
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2004/014442
 Filing Date :24/09/2004
 (87) International Publication No :WO2005/075947A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

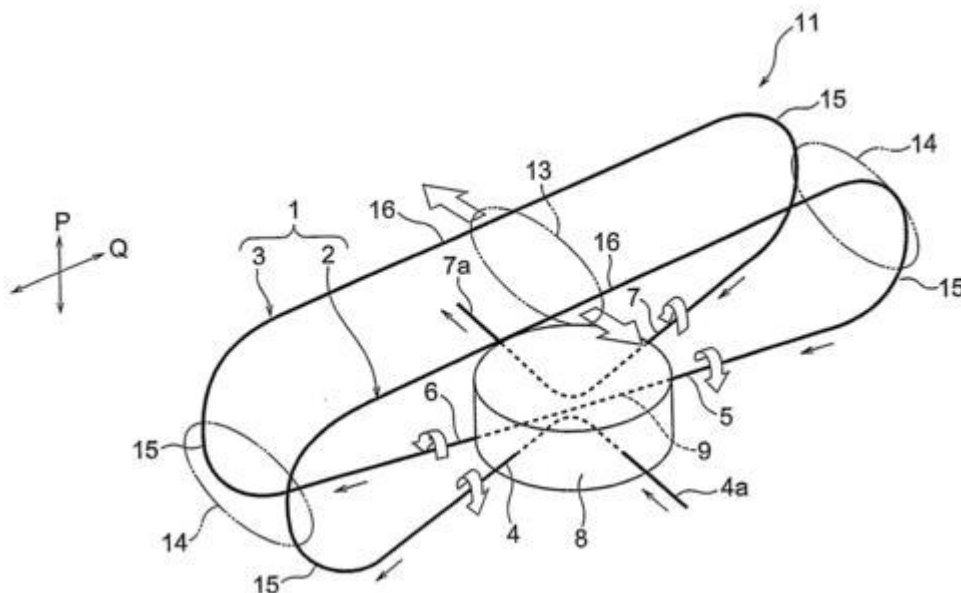
(71)Name of Applicant :
1)OVAL CORPORATION
 Address of Applicant :10-8,KAMIOCHIAI 3-CHOME, SHINJUKU-KU,TOKYO, Japan
 (72)Name of Inventor :
1)Hirokazu Kitami
2)Yuichi Nakao
3)Norio Sukemura

No of Pages : 30

No of Claims : 4

(57) Abstract :

A Coriolis flowmeter, wherein the first inflow port (4), a second inflow port (6), a first outflow port (5), and a second outflow port (7) of a flow tube (1) for measurement formed of a first curved tube (2) having the first inflow port (4) and the first outflow port (5) and a second curved tube (3) having the second inflow port (6) and the second outflow port (7) are fixed to a fixing member (8) disposed at the middle part of the flow tube (1) in a plan view. A connection tube (9) connecting the first outflow port (5) to the second inflow port (6) is installed between the first outflow port (5) and the second inflow port (6). Also, an interval between the first curved tube (2) and the second curved tube (3) on the inflow port (4) and (6) sides allowing a measured fluid to flow therein and an interval between the first curved tube (2) and the second curved tube (3) on the outflow port (5) and (7) sides allowing the measured fluid to flow therefrom are formed to be non-parallel with each other larger as it is more separated from the fixing member (8). The tube axes of the first inflow port (4), the second inflow port (6), the first outflow port (5), and the second outflow port (7) are positioned on a same plane, and the fixed position of the first inflow port (4) with the second inflow port (6) and the fixed position of the first outflow port (5) with the second outflow port (7) are disposed so as to be symmetrized.



(54) Title of the invention : PHOTOVOLTAIC MODULE MOUNTING UNIT AND SYSTEM

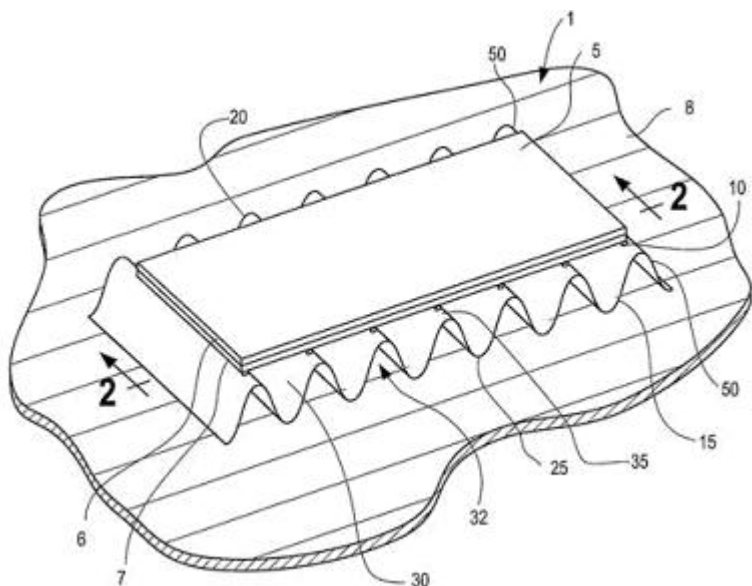
(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:60/529,799	1)BP CORPORATION NORTH AMERICA INC.
(32) Priority Date	:16/12/2003	Address of Applicant :4101 Winfield Road, Warrenville, IL 60555,
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2004/041790	(72)Name of Inventor :
Filing Date	:15/12/2004	1)Paul Garvison
(87) International Publication No	:WO2005/059963A1	2)Donald B.Warfield
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 29

(57) Abstract :

A photovoltaic unit suitable for installing on a support structure comprising a photovoltaic module having a light receiving top side, and a bottom side opposite the top side, and a support substrate attached to the bottom side of the module, the support substrate comprising a plurality of ridges and at least one trough.



(54) Title of the invention : SYSTEM AND METHOD FOR SELECTIVE COMPONENT CRACKING TO MAXIMIZE PRODUCTION OF LIGHT OLEFINS

(51) International classification :C10G11/18
 (31) Priority Document No :60/538,906
 (32) Priority Date :23/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/001724
 Filing Date :19/01/2005
 (87) International Publication No :WO2005/073347A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

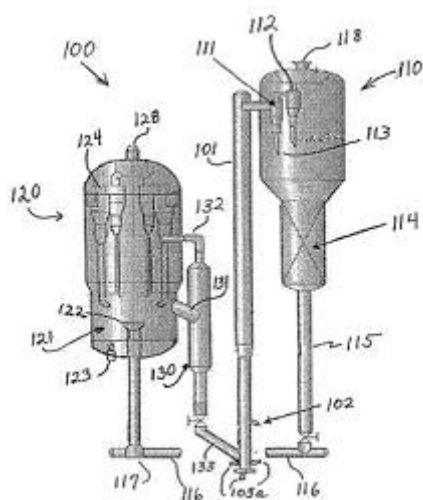
(71)Name of Applicant :
1)ABB LUMMUS GLOBAL INC.
 Address of Applicant :1515 BROAD STREET, BLOOMFIELD,NJ
 07003, U.S.A.
 (72)Name of Inventor :
1)SONI,Dalip,S.
2)CASTAGNOS,Leonce,F.

No of Pages : 14

No of Claims : 14

(57) Abstract :

A process for the fluid catalytic cracking of hydrocarbons includes contacting relatively heavy hydrocarbons with a fluidized particulate catalyst in a reaction zone under catalytic cracking conditions to convert at least some of the heavy hydrocarbons to light olefins having from 3 to 4 carbon atoms, conveying a reaction mixture containing spent catalyst particles and a gaseous stream containing the light olefins and other reaction products to a cyclone separation system directly connected to the reaction zone, at least part of the cyclone separation system being positioned within an interior space enclosed by a vessel, the interior space including a stripping region and an upper region in which the cyclone separation system is positioned. The cyclone separation system includes at least one cyclone connected directly to the reaction zone and having an interior pressure at least 0.05 psig lower than the pressure in the stripping region.



(54) Title of the invention : PROCESS FOR OLEFIN EPOXIDATION AND CO-PRODUCTION OF NYLON PRECURSOR

(51) International classification :C07D301/12
 (31) Priority Document No :10/795,726
 (32) Priority Date :08/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/006987
 Filing Date :03/03/2005
 (87) International Publication No :WO2005/090324A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

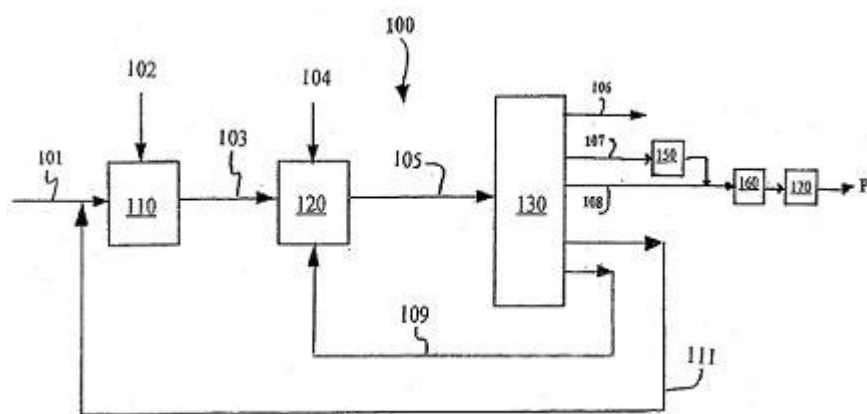
(71)Name of Applicant :
1)ABB LUMMUS GLOBAL INC.
 Address of Applicant :1515 BROAD STREET, BLOOMFIELD, NJ
 07003, U.S.A.
 (72)Name of Inventor :
1)SHAN, ZHIPING
2)YEH, CHUEN, Y.
3)ANGEVINE, PHILIP, J.
4)DAUTZENBERG, FRITS, M.
5)JANSEN, JACOBUS, CORNELIS

No of Pages : 30

No of Claims : 22

(57) Abstract :

An integrated process combines olefin epoxidation with production of cyclohexanone and cyclohexanol for nylon. Cyclohexanone and cyclohexanol normally produced by the oxidation of cyclohexane, in which cyclohexyl hydroperoxide is generated and is removed or decomposed down stream. However, this invention utilizes the intermediate of cyclohexyl hydroperoxide as an oxidant for the olefin epoxidation and meanwhile generates a valuable product.



(54) Title of the invention : CLIP FIXTURE FOR THE FAST ASSEMBLY OF FITTINGS, SUCH AS SWIVELING LEVER-TYPE CLOSURES AND HINGE PARTS, IN BREAKTHROUGHS OF A THIN WALL

(51) International classification :E05D5/02 E05B9/08
E05D7/12
(31) Priority Document No :20 2004001161.1
(32) Priority Date :26/01/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/000755
Filing Date :26/01/2005
(87) International Publication No :WO2005/071199A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)DIETER RAMSAUER

Address of Applicant :MAX-KLEIN-STR.10, 58332 SCHWELM,
Germany

(72)Name of Inventor :

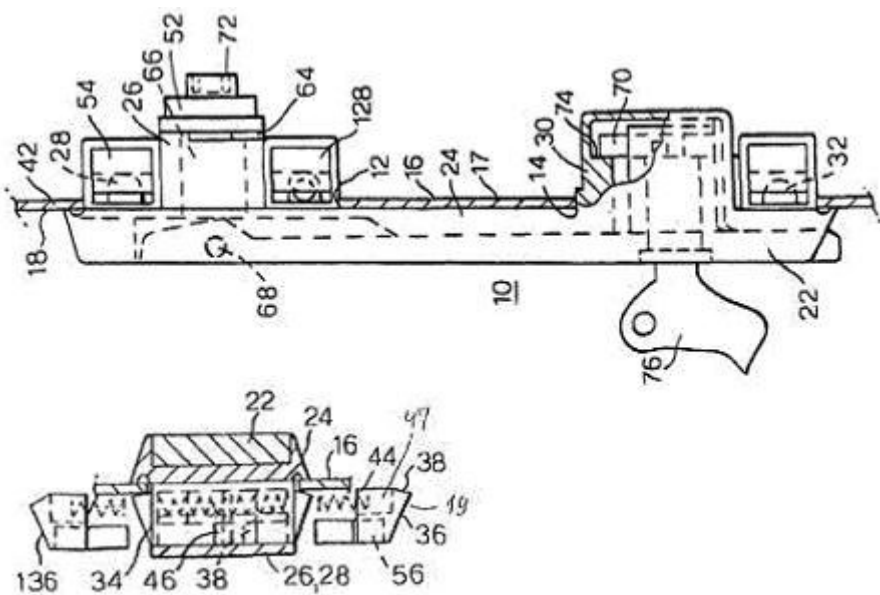
1)DIETER RAMSAUER

No of Pages : 38

No of Claims : 42

(57) Abstract :

Disclosed is a clip fixture for the fast assembly of fittings, such as socket wrench- type closures, swiveling lever-type closures (10), and hinge parts, in breakthroughs (12, 14) of a thin wall (16). Said clip fixture comprises a head piece (24) which is to be placed on the exterior face (18) of the thin wall (16) and covers the outer edge (20) of the breakthrough and from which a body piece (26, 28, 30, 32) extends that penetrates the breakthrough in the mounted position. Holding elements (36) that are resilient in the direction of the outer surface of the body piece protrude from said body piece. The free end of the holding elements (36) is provided with a first sloped area (19) (leading taper) that is used for pushing back the holding element (36) in a spring-loaded manner through the edge of the breakthrough, and a second sloped area (38) (trailing taper) which extends substantially perpendicular to the first one and is used for supporting the body piece free of backlash on the rim or edge (40) of the breakthrough located on the interior face (42) of the thin wall (16). The invention is characterized in that the body piece (26, 28, 30,32), the holding element (36), and the spring (44) are separate parts.



(54) Title of the invention : PORTABLE DATA STORAGE DEVICE USING A MEMORY ADDRESS MAPPING TABLE

(51) International classification :G11B11/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/SG2004/000017
 Filing Date :19/01/2004
 (87) International Publication No :WO2005/069288A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

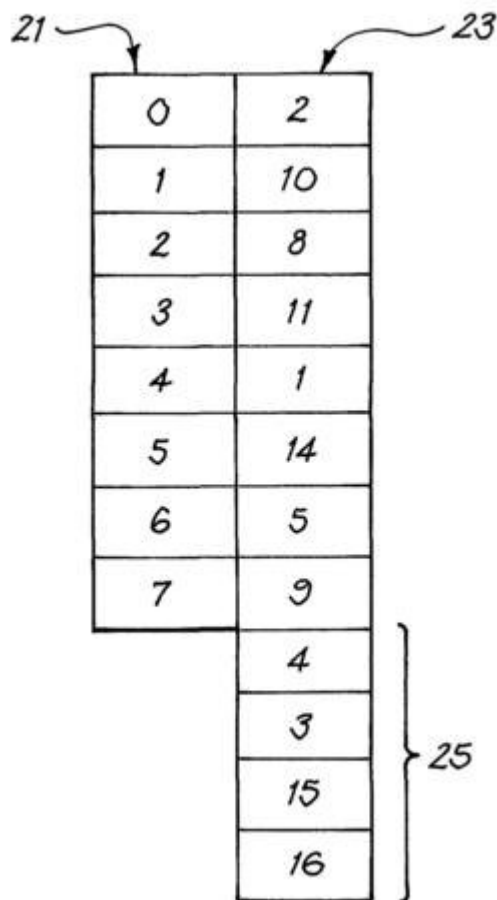
(71)**Name of Applicant :**
1)Trek 2000 International Ltd.
 Address of Applicant :30 Loyang Way #07-13/14/15 Loyang Industrial Estate, 508769 Singapore
 (72)**Name of Inventor :**
1)TAN HENRY
2)POO Teng Pin
3)LIM Lay Chuan

No of Pages : 47

No of Claims : 20

(57) Abstract :

A portable data storage device includes a USB controller (2), a master control unit (7) and a NAND flash memory (9) device. The master control unit (7) receives data to be written to logical addresses, and instructions to read data from logical addresses. It uses a memory address mapping table to associate the logical addresses with the physical addresses in the memory device (9), and writes data to or reads data from the physical address corresponding to the logical address. The mapping is changed at intervals, so that different ones of the physical address regions are associated at different times with the logical addresses. This increases the speed of the device, and also means that no physical addresses are rapidly worn out by being permanently associated with logical addresses to which data is written relatively often.



(54) Title of the invention : ADAPTIVE MIMO ARCHITECTURE

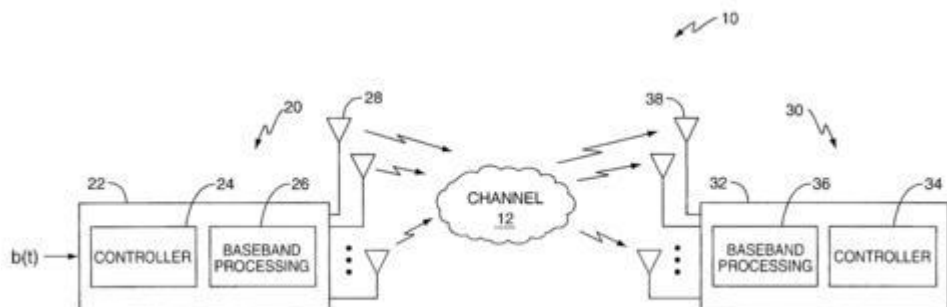
(51) International classification	:H04L1/06,H04L1/00	(71)Name of Applicant :
(31) Priority Document No	:0400370-3	1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
(32) Priority Date	:13/02/2004	Address of Applicant :Torshamnsgatan 23, S-164 83 Stockholm,
(33) Name of priority country	:Sweden	Sweden
(86) International Application No	:PCT/US2005/003944	(72)Name of Inventor :
Filing Date	:28/01/2005	1)KRASNY,Leonid
(87) International Publication No	:WO2005/081444A1	2)MOLNAR,Karl James
(61) Patent of Addition to Application Number	:NA	3)CHENG,Jung-fu
Filing Date	:NA	4)GRANT,Stephen James
(62) Divisional to Application Number	:NA	5)WANG,Yi-Pin
Filing Date	:NA	

No of Pages : 29

No of Claims : 58

(57) Abstract :

An adaptive transmission scheme provides multiple levels of adaptation. At a first level, a selection is made between a limited feedback or open loop scheme. At a second level of adaptation, a diversity mode is selected. Additional levels of adaptation could be employed.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.00871/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :05/04/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "SPIRO-HYDANTOIN COMPOUNDS USEFUL AS ANTI-INFLAMMATORY AGENTS"

(51) International classification :C07D 401/04
(31) Priority Document No :60/326,361
(32) Priority Date :01/10/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US02/31283
Filing Date :30/09/2002
(87) International Publication No :WO 03/029245
(61) 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 RD., PRINCETON, NEW JERSEY 08543-4000, U.S.A. U.S.A.

(72)Name of Inventor :

1)T.G.MURALI DHAR

2)DOMINIQUE POTIN

3)MAGAILI JEANNINE BLANDINE MAILLET

4)MICHELE LAUNAY

5)ERIC ANTOINE NICOLAI

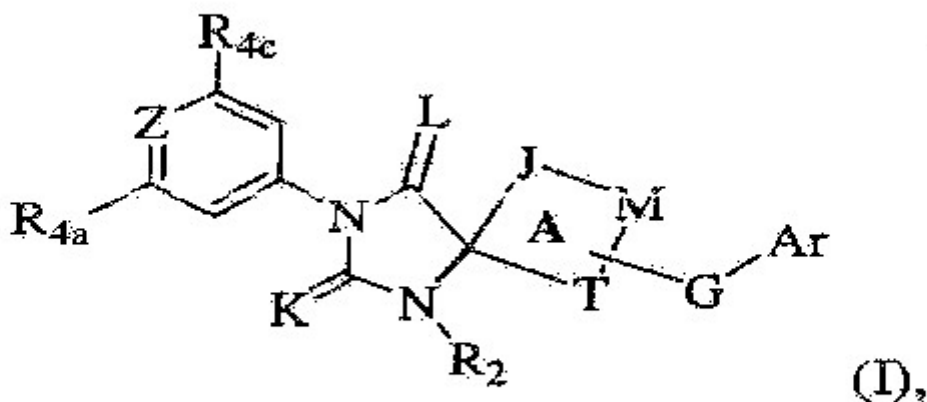
6)EDWIN J. IWANOWICZ

No of Pages : 203

No of Claims : 32

(57) Abstract :

Compounds having the formula (I), and pharmaceutically-acceptable salts, hydrates, enantiomers, and diastereomers, and prodrugs thereof, are useful as inhibitors of LFA-1/ICAM and as anti-inflammatory agents, wherein L and K are O or S; Z is N or CR^{4b}; Ar is an optionally-substituted aryl or heteroaryl; G is a linker attached to T or M or is absent; J, M and T are selected to define a three to six membered saturated or partially unsaturated non-aromatic ring; and R₂,R_{4a}, and R_{4c} are as defined in the specification.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.01265/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :11/05/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : SYNTHESIS AND USE OF ALKYLALKOXY ACYLOXYSILANES AND BLENDS THEREOF FOR USE AS A CROSSLINKING AGENT IN MOISTURE CURING RTV'S

(51) International classification	:C08G 77/06
(31) Priority Document No	:10/035,450
(32) Priority Date	:09/11/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US02/35591
Filing Date	:07/11/2002
(87) International Publication No	:WO 03/042304
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :ONE RIVER ROAD, SCHENECTADY, NEW YORK 12345, USA. U.S.A.
(72)**Name of Inventor :**
1)SARGENT JONATHAN R.

No of Pages : 25

No of Claims : 23

(57) Abstract :

A one part moisture curable room temperature vulcanizable silicone composition comprising an alkylalkoxyacyloxysilane selected from the group consisting of R1 Si R2a R33-a and R4 R5b R63-b Si.R7 R8c R93-c and mixtures thereof; where R1 , R4 and R7 are independently selected from the group of alkyl radicals having the formula (CH2)nX, where n has 1 to 10 carbon atoms, and X is selected from the group consisting of hydrogen, amino, epoxy, cyano, thioccyano, allyl, and vinyl; R2 R5 and R8 are independently selected from the group of acyloxy radicals having the formula OC(O)(CH2)mH, where m has 1 to 8 carbon atoms; R3, R6 and R9 are independently selected from the group of alkoxy radicals or mixture of alkoxy radicals of 1 to 10 carbon atoms wherein the subscripts a, band care subject to the following limitations: 0

(12) PATENT APPLICATION PUBLICATION

(21) Application No.01317/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :17/05/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : BELT-FED MACHINE GUN

(51) International classification	:F4F1/01	(71) Name of Applicant :
(31) Priority Document No	:PR 8953	1)METAL STORM LIMITED
(32) Priority Date	:19/11/2001	Address of Applicant :LEVEL 34, 345 QUEEN STREET, BRISBANE,
(33) Name of priority country	:Australia	QUEENSSLAND 4000. AUSTRALIA Australia
(86) International Application No	:PCT/AU02/01504	(72) Name of Inventor :
Filing Date	:11/11/2002	1)JAMES MICHAEL O'DWYER
	:WO 03/044443	
(87) International Publication No	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 34

(57) Abstract :

A belt-fed machine gun (1) for firing a multiplicity of cartridges (6) encased in sleeves (7), which sleeves are linked to form a belt (8). The machine gun includes a plurality of substantially parallel barrels (2) mounted for circumrotation, a plurality of cradles (5) for supporting the cartridges encased in the sleeves, said cradles being mounted for circumrotation with said plurality of substantially parallel barrels (2) wherein a number of the plurality of cradles in an operative condition are aligned coaxially with corresponding barrels, a housing (9) and a breechblock (10). The housing and said cradles (5) in an operative condition engage sleeves (7) encasing cartridges (6) to form chambers with said breechblock, wherein the breechblock includes a guide (11) for engagement with a follower (15) on the cartridges (6) to urge cartridge and sleeve (7) into engagement with a barrel (2). The gun (1) further includes a firing mechanism for initiating a propellant charge (18) in one or more of the cartridges (6) supported by cradles (5) in the operative condition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.01322/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :17/05/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : SEALING STRUCTURE FOR THE CLUTCH/BEARING HOUSING OF A ROLLER, SUCH AS AN OUTPUT ROLLER

(51) International classification	:F16C33/78	(71)Name of Applicant :
(31) Priority Document No	:U20010442	1)SUOMEN INTECH OY (A LIMITED COMPANY ORGANIZED UNDER, THELAW OF FINLAND)
(32) Priority Date	:21/11/2001	Address of Applicant :OLLINMAENTIE 43, FI-86110
(33) Name of priority country	:Finland	PARHALAHTL, FINLAND Finland
(86) International Application No	:PCT/FI02/00938	(72)Name of Inventor :
Filing Date	:21/11/2002	1)RAJANIEMI, SAULI
(87) International Publication No	:WO 03/044382	
	A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 5

No of Claims : 2

(57) Abstract :

A sealing structure for the clutch/bearing housing of a roller or roll, said housing comprising one or more outward gaps (5c), wherein the housing is provided with a guard ring (13) placed in the gap (5c) in a position parallel to the roller shell and/or with radial sealing parts (12) fitted against the bearings and/or against the wall of the clutch space, said sealing parts being provided with O-rings (14) or equivalent sealing parts of sealing material fitted at their edges, thus preventing grease and firt from getting from the clutch space onto the product itself and/or onto the shell of the roller or roll.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.01357/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :20/05/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : 5-[4-[2-[N-METHYL-N-[2-PYRIDYL]AMIDO]ETHOXYL]THIAZOLIDINE-2, 4-DIONE AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME

(51) International classification :C07D 417/12

(31) Priority Document No :0127805.0

(32) Priority Date :20/11/2001

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

(86) International Application No :PCT/GB02/05199

Filing Date :19/11/2002

(87) International Publication No :WO 03/045945

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SMITHKLINE BEECHAM P.L.C.

Address of Applicant :980 GREAT WEST ROAD, BRENTFORD,
MIDDLESEX TW8 9GS, UNITED KINGDOM. U.K.

(72)Name of Inventor :

1)GRAHAM STANLEY LEONARD

2)KAREN JANE LEWIS

3)DONALD COLIN MACKENZIE

No of Pages : 10

No of Claims : 8

(57) Abstract :

A compound, 5-[4-[2-(N-methyl-N-(2-pyridyl)amino)ethoxy]benzyl]thiazolidine-2, 4-dione ("Compound (I)") , or a pharmaceutically acceptable form thereof, in particulate form wherein the median value of the volume mean diameter of the particles is within the range 500nm to 5 micrometres and medicinal uses thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1041/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :27/04/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : OPTICAL RECORDING MEDIUM RECORDING/REPRODUCING APPARATUS AND METHOD INITIALIZATION METHOD AND REINITIALIZATION METHOD

(51) International classification	:G11B7/00	(71) Name of Applicant :
(31) Priority Document No	:10/2004-0033182	1)SAMSUNG ELECTRONICS CO. LTD
(32) Priority Date	:11/05/2004	Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU
(33) Name of priority country	:Republic of Korea	SUWON-SI, GYEONGGI-DO, REPUBLIC OF KOREA Republic of Korea
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SUNG-HEE HWANG
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 70

No of Claims : 64

(57) Abstract :

A recording/reproducing apparatus includes a writing/reading unit writing data to or reading data from an information recording medium having an access control area in which access control data is recorded, the access control data having common information set to allow the recording/reproducing apparatus that cannot recognize a predetermined function adapted to the information recording medium to control access to the information recording medium; and a control unit controlling the writing/reading unit to record access control data regarding a function recognizable by the recording/reproducing apparatus in the access control area when the information recording medium is initialized or reinitialized.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1053/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :28/04/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR THE FORMULATION OF MEDICATED HERBAL TEA

(51) International classification	:A 23F 3/14	(71) Name of Applicant : 1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION, MINISTRY OF DEFENCE
(31) Priority Document No	:NA	Address of Applicant :MINISTRY OF DEFENCE, GOVERNMENT OF
(32) Priority Date	:NA	INDIA, WEST BLOCK-VIII, WING1, SECTOR 1, R.K. PURAM, NEW
(33) Name of priority country	:NA	DELHI-110 066 Delhi India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)OM PRAKASH CHAURASIA
(87) International Publication No	:	2)BASANT BALLABH
(61) Patent of Addition to Application Number	NA	3)B RAUT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 5

(57) Abstract :

This invention relates to a medicated herbal tea comprising of leaves of Achillea millefolium (A), roots of Rhodiola imbricata (F), leaves of Biden Pilosa (B) and Origanum vulgare (K), leaves of Mentha Longifolia (H), leaves of Ocimum basillicium (I) and flowers of Rosa Webbiana (J), seeds of Bunium persicum (D) and roots of Dactylorhiza Hatagirea (E), leaves of Hippophae rhamnoides (G) and seeds of Carum carvi (C) and there is provided a process for the formulation of medicated herbal tea comprising steps of collection of herbal parts used as tea containing nutrients and medicinal values, washing of the herbal parts with water adn shade drying under room temperature for 15-20 days, crushing the dry herbal parts into powder to obtain of herbal tea wherein the herbal parts comprising of leaves of Achillea millefolium (A), roots of Rhodiola imbricato (F), leaves of Biden Pilosa (B) and organum vulgare (K), leaves of Mentha Longifolia (H), leaves of Ocimum basillicium (I) and flowers of Rosa Webbiana(J), seeds of Bunium persicum (D) and roots of Dactylorhiza Hatagirea (E), leaves of Hippophae rhamnoides (G) and seeds of Carum carvi (C).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1063/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :29/04/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR PREPARATION OF A DRUG FOR CURING THE EVIL EFFECTS OF ANASTHESIA AND DRUG THEREOF

(51) International classification	:A61K 33/00	(71) Name of Applicant : 1)SHIVAJI MAHAN CAIRE
(31) Priority Document No	:NA	Address of Applicant :HIG, FLAT NO. 259, ARUNODAYA
(32) Priority Date	:NA	APARTMENTS, BODELA, VIKASPURI, NEW DELHI Delhi India
(33) Name of priority country	:NA	2)ANJULA LAXMI
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHIVAJI MAHAN CAIRE
(87) International Publication No	: NA	2)ANJULA LAXMI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 10

(57) Abstract :

This invention relates to a process for preparation of a drug for curing the evil effects of Anesthesia. It comprises the follwing steps:- heating supphuric acid, -mixing of sulphuric acid with distilled water to obtain 1st unit of dilution, mixing of one part of the mixture thus obtained with the distilled water followed by addition of a presertive. Further the invention is related to a process for preparation of a drug for curing the evil effects of Anesthesia comprising the steps of cooling Phosphorous powder, mixing of Phosphorous powder with sugar of milk followed by triurization of the mixture to obtain 1st unit of potentised Phosphorous; addition of one part of 1st unit with sugar of milk followed by triurization and preservation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1064/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :29/04/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR PREPARATION OF A DRUG TO CURE AILMENTS OF EYE AND A DRUG THEREOF

(51) International classification	:A61P 27/00	(71) Name of Applicant : 1)SHIVAJI MAHAN CAIRE Address of Applicant :FLAT NO. 259, ARUNODAYA APARTMENTS, BODELA, VIKASPURI, NEW DELHI Delhi India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	2)ANJULA LAXMI
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHIVAJI MAHAN CAIRE
(87) International Publication No	: NA	2)ANJULA LAXMI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 8

(57) Abstract :

This invention is relates to a process for preparation of a drug to cure ailments of eye comprises steps of dry distillation of the clean roots of Dhak/Palash followed by collection of distilled liquid coming out of roots and addition of camphor in the liquid.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1117/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :22/03/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : "INFORMATION STORAGE MEDIUM"

(51) International classification	:G11B 7/007	(71) Name of Applicant :
(31) Priority Document No	:10-2003-0009627	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:15/02/2003	Address of Applicant :416, MAETAN -DONG, YEONGTONG-GU,
(33) Name of priority country	:Republic of Korea	SUWON-SI, GYEONGI -DO 442-742, REPUBLIC OF KOREA Republic
(86) International Application No	:PCT/KR2004/000296	of Korea
Filing Date	:13/02/2004	(72) Name of Inventor :
(87) International Publication No	:WO 2004/072966	1)LEE, KYUNG-GEUN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 81

(57) Abstract :

An information storage medium that includes a lead-in area, a user data area, and a lead-out area. Information about whether the information storage medium is compatible with a drive following an older version of standards is recorded in at least one of the lead-in and lead-out areas. Accordingly, the recording performance thereof is improved, and a drive following an older version of standards can record data on or reproduce data from a newer version of an information storage medium.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1132/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :27/04/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : DEVICE FOR RECEIVING VIDEO SIGNALS AND A METHOD OF CONTROLLING SUCH A DEVICE

(51) International classification	:H04 N 5/44	(71) Name of Applicant : 1)THOMSON LICENSING S.A.
(31) Priority Document No	:01/14252	Address of Applicant :46, Quai A. Le Gallo, F-92100 Boulogne-
(32) Priority Date	:30/10/2001	Billancourt France
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:NA	1)PHILIPPE GARANDEAU
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 9

(57) Abstract :

A device for receiving video signals with a first decoding chain (CHN1), a second chain (CHN2), a video encoder (ENC) comprises a means of selection (SW) so as to selectively connect the first decoding chain (CHN1) or the second decoding chain (CHN2) to the video encoder (ENC). A method of controlling such a device is also proposed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1134/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :27/04/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : THIN FILM CAPACITOR USING CONDUCTIVE POLYMERS

(51) International classification	:H01G 4/10	(71) Name of Applicant :
(31) Priority Document No	:60/337,719	1)H.C. STARCK INC.
(32) Priority Date	:03/11/2001	Address of Applicant :45 Industrial Place, Newton, MA 02161-1951
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US02/35261	(72) Name of Inventor :
Filing Date	:01/11/2002	1)PRABHAT KUMAR
(87) International Publication No	: NA	2)HENNING UHLENHUT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 18

(57) Abstract :

The invention relates to a thin film capacitor containing (a) a substrate, (b) a first polymeric film comprising an electrically conductive polymer located on the substrate, (c) a pentoxide layer selected from the group consisting of tantalum pentoxide, or niobium pentoxide, and mixtures thereof, (d) a second polymeric film comprising an electrically conductive polymer located on the pentoxide layer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1154/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :06/05/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR REFINING CRUDE PETROLEUM

(51) International classification	:C10G 29/00
(31) Priority Document No	:08/735234
(32) Priority Date	:22/10/1996
(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	:2999/DEL/1997
Filed on	:20/10/1997

(71)**Name of Applicant :**
1)CATALYTIC DISTILLATION TECHNOLOGIES
Address of Applicant :10100 BAY AREA BOULEVARD,
PASADENA, TEXAS 77507, UNITED STATES OF AMERICA U.S.A.
(72)**Name of Inventor :**
1)CLIFFORD S. CROSSLAND

No of Pages : 17

No of Claims : 4

(57) Abstract :

Crude oil is fed to the atmospheric distillation column (10) via flow line (1). The crude oil is separated into various boiling fractions by fractional distillation. Gas in the form of C4 and lighter material along with H2S is removed from the atmospheric column (10) generally operated at 0 to 50 psig as overheads via flow line (101).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1197/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :05/05/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : DEVICE METHOD AND SYSTEM FOR MULTIMEDIA CONTENT ADAPTATION

(51) International classification	:H04N 5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP02/11808
Filing Date	:22/10/2002
(87) International Publication No	:WO 03/041396
(61) 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 SA
Address of Applicant :46 QUAI ALPHONSE LE GALLO, F-92100
BOULOGNE,FRANCE France

(72)**Name of Inventor :**
1)DAVID, SAHUC,
2)PAUL KERBIRIOU,
3)THIERRY VIELLARD,
4)JEAN-CLAUDE CHEVET,

No of Pages : 19

No of Claims : 13

(57) Abstract :

The invention concerns a device receiving data associated with a first profile and generating data associated with a second profile, comprising - means to extract facts associated with the first profile, - means to extract facts associated with the second profile, - a set of rules describing a way to modify facts associated with said first profile into facts associated with said second profile, - means to analyze said facts associated with the first profile and said facts associated with the second profile, - means to modify facts associated with said first profile into facts associated with said second profile according to said set of rules. The device is characterized in that it comprises, - means to request additional rules when said set of rules does not allow to modify facts associated with said first profile into facts associated with said second profile.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1201/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :11/05/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR THE ISOLATION OF PARTHENIN FROM PARTHENIUM HYSTEROPHOROUS AS POTENTIAL HERBICIDE

(51) International classification	:A01N 43/00	(71) Name of Applicant : 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH Address of Applicant :KRISHI BHAVAN, DR. RAJENDRA PRASAD ROAD, NEW DELHI-110001 Delhi 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)DINESH BAHADUR SAXENA
Filing Date	:NA	2)ASHOK KUMAR GUPTA
(87) International Publication No	: NA	3)RAVINDER KUMAR KOHLI
(61) Patent of Addition to Application Number	:NA	4)NAJAM AKHTAR SHAKIL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 7

No of Claims : 4

(57) Abstract :

The present invention relates to isolation of parthenin from Parthenium hysterophorus, an obnoxious weed, declared as National Health Hazard. The process involves extraction of the plant material with acetone in Soxhlet, followed by removal of chlorophyll, the plant pigment by heating with lead tetra acetate and acetic acid. The straw coloured solution is extracted with chloroform. The residue left after removal of chloroform is dissolved in water, mixture of ammonium chloride and phosphoric acid is added to water extract. The extract under hot condition is filtered through celite using filtration aid, such as hyflosupercell. The filtrate on cooling gives colourless needle-shaped crystals of parthenin of >90%purity, m.pt. 159-163 degree C. The above process avoids cumbersome column chromatography (impractical from industrial point of view) normally used in research laboratories for purification of compounds.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1229/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :13/05/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : A TAMPER PROOF SEAL FOR LPG CYLINDER VALVE.

(51) International classification	:B65D41/32	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ENERGY INFRASTRUCTURE(INDIA) LIMITED
(32) Priority Date	:NA	Address of Applicant :NO.5, E BLOCK, MASJID MOTH, GREATER
(33) Name of priority country	:NA	KAILASH II, NEW DELHI - 110048. Delhi India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MANISH VOHRA
(87) International Publication No	:NIL	2)RAJESH RAO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 6

(57) Abstract :

A tamper proof seal for LPG cylinder valve, which comprises of atleast two hollow inner contours provided with inner raised edge and protruding edges.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1249/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :30/03/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : "HALOGEN-SUBSTITUTED AND PSEUDOHALOGEN-SUBSTITUTED 17-METHYLEN-4-AZASTEROIDS"

(51) International classification	:C07J 73/00
(31) Priority Document No	:101 41 984.8
(32) Priority Date	:28/08/2001
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP02/09587
Filing Date	:28/08/2002
(87) International Publication No	:WO 03/020744
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:00445/DELNP/2004
Filed on	:25/02/2004

(71)**Name of Applicant :**
1)SCHERING AKTIENGESELLSCHAFT
Address of Applicant :MULLERSTRASSE 178, 13353 BERLIN,
GERMANY Germany

(72)**Name of Inventor :**
1)BERND MENZENBACH
2)PETER DROESCHER
3)ALEXANDER HILLISCH
4)WALTER ELGER
5)HANS-UDO SCHWEIKERT
6)KLAUS SCHOLLKOPF

No of Pages : 21

No of Claims : 11

(57) Abstract :

Novel 17-methylene-4-azasteroids of general formula (I), where R₂₀ and R_{20n} independently = fluoro, chloro, bromo and cyano groups; R₄ and R₁₀ = H or methyl; R₁ and R₂ = each an H atom or together an additional bond, are disclosed. Said compounds are inhibitors of 5- α -reductase and are thus suitable for the treatment of diseases which are the result of increased testosterone and hence dihydrotestosterone levels in blood and tissue.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1265/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :17/05/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : A CHIRAL POLYMER MATERIAL FOR EM WAVE ATTENUATION AND THE PROCESS THEREOF

(51) International classification	:C08F2/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION (DRDO)
(32) Priority Date	:NA	Address of Applicant :MINISTRY OF DEFENCE, GOVT. OF INDIA,
(33) Name of priority country	:NA	WEST BLOCK-VIII, WING 1, SECTOR-1,R.K.PURAM, NEW DELHI-
(86) International Application No	:NA	110066, INDIA Delhi India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)BAG DIBYENDU SEKHAR
(61) Patent of Addition to Application Number	:NA	2)LAL DHANNU
Filing Date	:NA	3)MATHUR GYANESH NARAYAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 10

(57) Abstract :

The present relates to a chiral polymer material for EM wave attenuation and the process for the preparation thereof. A chiral polymer material is obtained by copolymerizing synthesized chiral monomer with a vinyl monomer in an organic solvent. The chiral monomer is obtained by condensation reaction of an ethylenically unsaturated acid chloride with a chiral amine compound in presence of an alkali. The chiral monomer and the vinyl monomer are co-polymerized by free radical polymerization process using a thermal radical initiator in an inert atmosphere.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1274/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :18/05/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD OF MAKING A HOLLOW CORE DOOR

(51) International classification	:E06B3/74
(31) Priority Document No	:9816534.3
(32) Priority Date	:29/07/1998
(33) Name of priority country	:U.K.
(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	:0948/DEL/1999
Filed on	:06/07/1999

(71)**Name of Applicant :**
1)MASONITE ENTRY DOOR CORPORATION
Address of Applicant :ONE NORTH DAME MABRY HIGHWAY,
TAMPA, FLORIDA 33609, U.S.A. U.S.A.
(72)**Name of Inventor :**
1)MOYES HARTLEY

No of Pages : 18

No of Claims : 4

(57) Abstract :

A method of manufacturing a hollow core door is disclosed, as well as a corresponding hollow core door. The method includes the steps of providing a solid flat door skin, moisturizing the flat skin, applying a conditioning resin thereto, preheating the flat door skin, and thereafter pressing the flat door skin between a pair of heated platens in a press in order to reform the flat skin a molded skin including a plurality of panels defined therein. The press continuously closes in order to reform the flat skin into the molded skin, with the rate of press closure being a function of the determined hardness of the flat skin to be reformed. The resulting door skins have an improved bond strength, and are efficiently manufactured.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1329/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :25/05/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : CIRCUITIZED SUBSTRATE WITH INTERNAL ORGANIC MEMORY DEVICE, METHOD OF MAKING SAME, ELECTRICAL ASSEMBLY UTILIZING SAME, AND INFORMATION HANDLING SYSTEM UTILIZING SAME

(51) International classification	:H01L	(71) Name of Applicant :
(31) Priority Document No	:10/900,385	1)ENDICOTT INTERCONNECT TECHNOLOGIES INC
(32) Priority Date	:28/07/2004	Address of Applicant :1701 NORTH STREET ENDICOTT, NEW
(33) Name of priority country	:U.S.A.	YORK 13760, USA U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SUBAHU D. DESAI
(87) International Publication No	: NA	2)HOW T. LIN
(61) Patent of Addition to Application Number	:NA	3)JOHN M. LAUFFER
Filing Date	:NA	4)VOYA R. MARKOVICH
(62) Divisional to Application Number	:NA	5)DAVID L. THOMAS
Filing Date	:NA	

No of Pages : 30

No of Claims : 13

(57) Abstract :

A circuitized substrate comprised of at least one dielectric material having an electrically conductive pattern thereon. At least part of the pattern is used as the first layer of an organic memory device which further includes at least a second dielectric layer over the pattern and a second pattern aligned with respect to the lower part for achieving several points of contact to thus form the device. The substrate is preferably combined with other dielectric-circuit layered assemblies to form a multilayered substrate on which can be positioned discrete electronic components (e.g., a logic chip) coupled to the internal memory device to work in combination therewith. An electrical assembly capable of using the substrate is also provided, as is an information handling system adapted for using one or more such electrical assemblies as part thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1330/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :25/05/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : CIRCUITIZED SUBSTRATE WITH SPLIT CONDUCTIVE LAYER, METHOD OF MAKING SAMEN, ELECTRICAL ASSEMBEL UTILIZING SAME, AND INFORMATION HANDLING SYSTEM UTILIZING SAME

(51) International classification	:HO5K 3/10	(71) Name of Applicant : 1)ENDICOTT INTERCONNECT TECHNOLOGIES, INC Address of Applicant :1701 NORTH STREET ENDICOTT, NEW YORK 13760, UNITED STATES AMERICA. U.S.A.
(31) Priority Document No	:10/882,167	
(32) Priority Date	:02/07/2004	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)JHON M.LAUFFER
Filing Date	:NA	2)JAMES M. LARNERD
(87) International Publication No	:NIL	3)JAMES M. LARNERD
(61) Patent of Addition to Application Number	:NA	4)VOYA R. MARKOVICH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 16

(57) Abstract :

A circuitized substrate which includes a plurality of contiguous open segments which define facing edge portions within an electrically conductive layer to isolate separate portions of the conductive layer such that the layer can be used for different functions, e.g., as both power and ground elements, within a product (e.g., electrical assembly) which includes the substrate as part thereof. A method of making the substrate, an electrical assembly utilizing the substrate, a multilayered circuitized assembly also utilizing the substrate and an information handling system, e.g., a mainframe computer, are also provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1331/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :18/05/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS CONTAINING 3,4-PROPINOPERHYDROPURINES AND USES THEREOF FOR BLOCKING NEURONAL TRANSMISSION

(51) International classification	:A61K 31/519
(31) Priority Document No	:2764-2001
(32) Priority Date	:15/10/2001
(33) Name of priority country	:Chile
(86) International Application No	:PCT/US02/36412
Filing Date	:14/11/2002
(87) International Publication No	:WO 03/047589
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MICRO ALGAE CORPORATION

Address of Applicant :350 E. LAS OLAS BOULEVARD, SUITE 1700,
FORT LAUDERDALE, FL 33301 (USA) U.S.A.

(72)**Name of Inventor :**

1)NESTOR, ANTONIO, LAGOS, WILSON,

No of Pages : 13

No of Claims : 47

(57) Abstract :

Pharmaceutical compositions comprising tricyclic 3,4-propinoperhydropurines and uses thereof for blocking neuronal transmission are provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1338/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :25/05/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF PEROXIDASE FROM PLANT CELL AND CALLUS CULTURES

(51) International classification	:C12 N9/08	(71) Name of Applicant :
(31) Priority Document No	:60/574,598	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:25/05/2004	Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG,
(33) Name of priority country	:U.S.A.	NEW DELHI - 110001, INDIA. Delhi India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)THOLATH EMILIA ABRAHAM
(87) International Publication No	:NIL	2)NISHA RANI DEVAKI
(61) Patent of Addition to Application Number	:NA	3)THOMSON KURUVILLA
Filing Date	:NA	4)JEGAN ROY JOSEPH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 16

(57) Abstract :

A process for the production of peroxidase which comprises of establishing a plant cell culture producing cells from neem (Azardiracta indica) and nirgundi (Vitex negundo) wherein the peroxidase has higher enzymatic activity not reported earlier.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1344/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :25/05/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD AND A DEVICE FOR CASTING HYPOEUTECTIC

(51) International classification	:B22D 15/00	(71) Name of Applicant :
(31) Priority Document No	:102004027592.0	1)MAN NUTZFAHRZEUGE AKTIENGESELLSCHAFT
(32) Priority Date	:05/06/2004	Address of Applicant :DACHAUER STRASSE 665, 80995
(33) Name of priority country	:Germany	MUNCHEN, GERMANY Germany
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SCHMIDTGEN, ULF
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 20

(57) Abstract :

The change in the volume of the cast-iron melt is not, as was hitherto customary, compensated for by the subsequent addition of liquid material from feeders, but by the mould itself changing its volume, namely so that the volume change of the mould takes place in the direction of the solidifying cast-iron melt. In order to compensate for the shrinkage of the cast-iron melt by this process, it is necessary for form the gates and overflows/vents needed for casting so that they have already solidified when the cast-iron melt in the cast component is still liquid or is at least still liquid in the parts at risk from shrinkage. If a change in the volume of the mould in the direction of the cast-iron melt occurs under these conditions, each change in the volume of the melt can be compensated for by a change in the mould.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1345/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :25/05/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : STEREO MICROPHONE PROCESSING FOR TELECONFERENCING

(51) International classification	:H04R 5/027	(71) Name of Applicant : 1)POLYCOM, INC.
(31) Priority Document No	:10/881008	Address of Applicant :4750, WILLOW ROAD, PLEASANTON,
(32) Priority Date	:30/05/2004	CALIFORNIA 94588, UNITED STATES OF AMERICA U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)TRUONG, KWAN K.
Filing Date	:NA	2)CHU, PETER
(87) International Publication No	: NA	3)POCINO, MICHAEL A.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 45

(57) Abstract :

Methods and devices for improving the intelligibility of audio in a teleconferencing unit. Multiple microphones and multiple audio channels are used, in which only the best microphones are selected to represent each audio channel. Multiple microphones signals may be mixed according to microphones' positions in a room to form a single signal to represent one audio channel. The audio signal may be further processed to effectuate other features.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1345/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :18/05/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : PORTABLE ALARM SYSTEM THAT INTERFACES WITH AN INDIVIDUAL'S PERSONAL RADIO

(51) International classification	:G08B
(31) Priority Document No	:09/682,804
(32) Priority Date	:19/10/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US02/33306
Filing Date	:17/10/2002
(87) International Publication No	:WO 03/036580
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MILLENNIUM SENSOR LLC.
Address of Applicant :515 IVINSON AVENUE, LARAMIE,
WYOMING 82070,U.S.A. U.S.A.
(72)**Name of Inventor :**
1)ROBERTS, MICHAEL K.,

No of Pages : 18

No of Claims : 16

(57) Abstract :

A personal portable alarm system (10) that interfaces with an individual's portable radio (12) and remote speaker/microphone (26/28) to provide the individual with an audible indication that a radio signal has been received from a remote sensor (42A) that is indicative of an event being detected adjacent to the location of the remote sensor (42A).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1347/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :26/05/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : TV SET MONITOR & HOST SEPARATION DEVICE

(51) International classification	:H04N 7/18	(71) Name of Applicant : 1)CHEN, CHUAN-SHENG
(31) Priority Document No	:NA	Address of Applicant :FI-12, NO. 137, SEC.4 JENAI ROAD, TAIPEI
(32) Priority Date	:NA	TAIWAN Taiwan
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)CHEN, CHUAN-SHENG
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 4

(57) Abstract :

A TV set monitor and host separation device to separate the main board from the monitor integrated with the TV set of the prior art; and the separated main board is designed to become a comprehensive host to control the addition or modification of a TV screen or sound equipment.

(54) Title of the invention : CONTACT-BREAKER DEVICE, CIRCUIT AND APPARATUS COMPRISING THE SAME AND METHOD FOR ASSEMBLING CONTACT-BREAKER DEVICE

(51) International classification	:H01H 35/02	(71)Name of Applicant :
(31) Priority Document No	:2004- 158562	1)HUKUBA DENTAL KABUSHIKI KAISHA
(32) Priority Date	:28/05/2004	Address of Applicant :914-1, NAZUKARI, NAGARAEYAMA-SHI, CHIBA, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)HUKUBA HIROSHI
Filing Date	:NA	2)IKEGAMI AKIRA
(87) International Publication No	: NA	3)TOZAWA KEISABRO
(61) Patent of Addition to Application Number	:NA	4)KOHNO YUKITO
Filing Date	:NA	5)SAEKI KIMIHIRO
(62) Divisional to Application Number	:NA	6)KOBAYASHI KIYOSHI
Filing Date	:NA	7)TOBE TOSHIO
		8)IKEGAMI KIYOSHI

No of Pages : 66

No of Claims : 44

(57) Abstract :

A contact-breaker device that can be miniaturized, realize low power consumption and low cost, and generate an irregular pulse current by causing irregular electrical conduction and insulation of a circuit. The contact-breaker device comprises: fixed terminals 12 A and 12 B secured at positions spaced apart from each other; and a movable member 11 capable of moving relative to the fixed terminals 12 A and 12 B and coming into or avoiding contact with the fixed terminals 12 A and 12 B based on its movement, thereby causing electrical conduction or insulation between the fixed terminals 12 A and 12 B; wherein the movable member 11 irregularly moves in accordance with externally applied vibration, thereby causing irregular electrical conduction or insulation between the fixed terminals 12 A and 12 B.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1365/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :27/05/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : ELECTROMECHANICAL TRANSDUCING

(51) International classification	:G02B 5/172	(71) Name of Applicant : 1)BOSE CORPORATION
(31) Priority Document No	:10/871230	Address of Applicant :THE MOUNTAIN, FRAMINGHAM,
(32) Priority Date	:18/06/2004	MASSACHUSETTS 01701-9168, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)JAMES PARISON
(87) International Publication No	: NA	2)JOHN J. BREEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 39

(57) Abstract :

An electromagnetic transducer including a stator and an armature, the armature defining a first axis and being driven to ride between first and second couplers back and forth relative to the stator along the first axis. The second coupler is configured to permit movement of the armature along a second axis orthogonal to the first axis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1369/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :20/05/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHODS OF INCREASING ENDOGENOUS ERYTHROPOIETIN (EPO)

(51) International classification	:C07K	(71)Name of Applicant :
(31) Priority Document No	:60/337,082	1)FIBROGEN, INC.,
(32) Priority Date	:06/12/2001	Address of Applicant :225 GATEWAY BOULEVARD, SOUGH SAN
(33) Name of priority country	:U.S.A.	FRANCISCO, CA 94080, U.S.A U.S.A.
(86) International Application No	:	(72)Name of Inventor :
Filing Date	PCT/US02/39163	1)KLAUS, STEPHEN, J.,
(87) International Publication No	:06/12/2002	2)LIN, AL, Y.
	:WO 03/053997	3)NEFF, THOMAS, B.
(61) Patent of Addition to Application Number	:NA	4)WANG, QINGJIAN
Filing Date	:NA	5)GUENZLER-PUKALL, VOLKMAR
(62) Divisional to Application Number	:NA	6)AREND, MICHAEL, P.
Filing Date	:NA	7)FLIPPIN, LEE, A.

No of Pages : 70

No of Claims : 49

(57) Abstract :

The present invention relates to methods for treating erythropoietin-associated conditions by increasing endogenous erythropoietin in vitro and in vivo. Methods for treating, pretreating or preconditioning, or preventing erythropoietin-associated conditions are also included. Compounds for use in these methods are provided, as are methods of identifying such compounds.

(54) Title of the invention : "N-ALKYNYL-2-[SUBSTITUTED PHENOXY] ALKYLAMIDES AND THEIR USE AS FUNGICIDES"

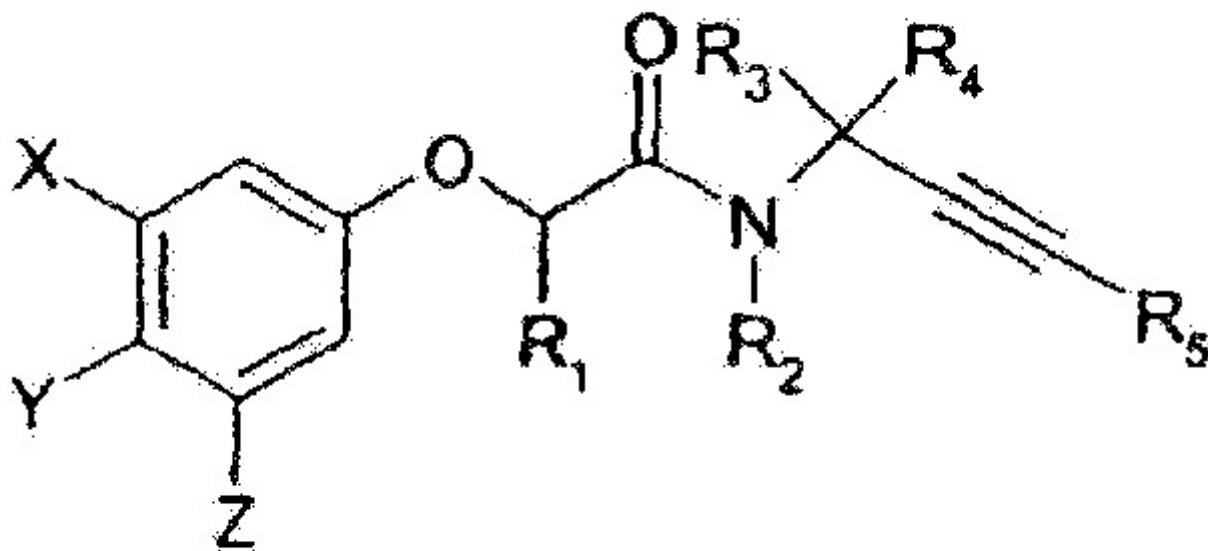
(51) International classification :C07C 235/20
 (31) Priority Document No :0227556.8
 (32) Priority Date :26/11/2002
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2003/004834
 Filing Date :10/11/2003
 (87) International Publication No :WO 2004/048316
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)SYNGENTA LIMITED
 Address of Applicant :EUROPEAN REGIONAL CENTRE,
 PRIESTLEY ROAD, SURREY RESEARCH PARK, GUILDFORD
 SURREY GU2 7YH, UK U.K.
 (72)Name of Inventor :
1)ROGER SALMON
2)DAVID WILLIAM LANGTON

No of Pages : 52

No of Claims : 12

(57) Abstract :

Fungicidal compounds of the general formula (1) wherein X, Y, Z, R₁, R₂, R₃, R₄ and R₅ have the definitions given in claim 1.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1403/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :31/05/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : A CATALYST USEFUL IN THE ISOMERIZATION OF PARAFFINIC HYDROCARBONS AND METHOD THEREOF

(51) International classification :C07C 5/41

(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 :299/DEL/2001

Filed on :19/03/2001

(71)**Name of Applicant :**

1)UOP LLC

Address of Applicant :25 EAST ALGONQUIN ROAD, DES
PLAINES, ILLINOIS 60017-5017, UNITED STATES OF AMERICA
U.S.A.

(72)**Name of Inventor :**

1)RALPH D. GILLESPIE

No of Pages : 19

No of Claims : 10

(57) Abstract :

A catalyst useful in the isomerization of paraffinic hydrocarbons having an average pore diameter of from 35 to 60 angstroms and a diffusion path which is no more than 0.3 times the overall diameter of a catalyst particle and comprising an alumina support consisting essentially of eta and gamma alumina in an eta:gamma ratio on a mass basis of from 4:1 to 99:1, from 1 to 15 mass % of a Friedel-Crafts metal halide and from 0.01 to 2 mass% on an elemental basis of a platinum-group metal component.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1410/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :01/06/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : ALPHA CRYSTALLINEN FORM OF STRONTIUM RANELATE, A PROCESS FOR ITS PREPARATION ADN PHARMACEUTICAL COMPOSTIONS CONTAINING IT

(51) International classification	:C07D 333/38	(71) Name of Applicant : 1)LES LABORATOIRES SERVIER
(31) Priority Document No	:04.10335	Address of Applicant :12, PLACE DE LA DEFENSE, 92415
(32) Priority Date	:30/09/2004	COURBEVOIE CEDEX, FRANCE France
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:NA	1)STEPHANE HOURVATH
Filing Date	:NA	2)ISABELLE DEMUYNCK
(87) International Publication No	: NA	3)GERARD DAMIEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 5

(57) Abstract :

Alpha crystalline form of strontium renelate of formula (I): characterised by its powder X-ray diffraction diagram and by a water content of from 22 to 24%. Medicaments

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1427/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :02/06/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR PREPARATION OF FUEL FROM PLASTIC AND NON PLASTIC WASTE

(51) International classification	:C10L 5/40	(71) Name of Applicant : 1)SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH Address of Applicant :19 UNIVERSITY ROAD, DELHI-110007. Delhi India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	2)GAIL(INDIA) LIMITED
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)R.K. KHANDAL
(87) International Publication No	: NA	2)U.K. NIYOGI
(61) Patent of Addition to Application Number	:NA	3)R.K. RAINA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 10

(57) Abstract :

This invention relates to a process for the preparation of fuel from plastic and non plastic waste comprises the steps of: mixing of shredded plastic waste and non plastic waste followed by compacting the mixture thus obtained in an extruder to obtain the fuel. Further, the invention is related to a process for the preparation of fuel from plastic and non plastic waste and non plastic waste comprises the step of : -mixing of shredded plastic waste and non plastic waste followed by compacting the mixture thus obtained in an extruder to obtain the fuel. Still further the invention is related to a process for the preparation of fuel from plastic and non plastic waste comprises the step of: -mixing of shredded plastic waste and non plastic waste followed by compacting the mixture thus obtained in an extruder to obtain the fuel. Yet further invention is related to a process for the preparation of fuel from plastic and non plastic waste comprises the steps of: -mixing of shredded plastic waste and non plastic waste followed by compacting the mixture thus obtained in an extruder to obtain the fuel.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1445/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :03/06/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : PERCOLATION OF HYGROSCOPIC BULK MATERIAL

(51) International classification	:B01J 2/30	(71) Name of Applicant :
(31) Priority Document No	:GCC/P/2005/4504	1)QATAR FERTILISER COMPANY (S.A.Q.)
(32) Priority Date	:02/04/2005	Address of Applicant :P.O.BOX. 50001 - MESAIEED - STATE OF
(33) Name of priority country	:Qatar	QATAR Qatar
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SOYEZ, WERNER
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 7

No of Claims : 5

(57) Abstract :

The phenomenon of caking of hygroscopic particulates is analysed. Mechanical reconditioning of agglomerated material does not solve the problem preventing caking to reoccur either in bags or other storage areas. Percolation of dry air in the bulk hall utilizes the prolonged residence time in the bulk hall to improve the handling quality of the product once and for all. A simple grid arrangement at the bottom of particulates piles distributes dry air over a certain period significantly improving the quality of the product.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1469/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :08/06/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : A SLOTTED BOOM FOR A CRANE.

(51) International classification	:B66C23/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ESCORTS CONSTRUCTION EQUIPMENT LIMITED,
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, SECTOR 13, FARIDABAD - 121
(33) Name of priority country	:NA	007 Haryana India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MINNA RHODE
(87) International Publication No	:NIL	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 4

(57) Abstract :

This invention relates to a slotted boom for a crane comprising of a main boom provided with at least one extendable and slidable boom therein, wherein the main boom is disposed with a longitudinal slot so as to allow at least one hook attached to the end of the first extendable boom to travel therein.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1485/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :31/05/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : CATALYST FOR OLEFIN POLYMERIZATION

(51) International classification	:B29C 49/00
(31) Priority Document No	:60/347,344
(32) Priority Date	:09/01/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US03/00328
Filing Date	:07/01/2003
(87) International Publication No	:WO 03/00328
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)E.I. DU PONT DE NEMOURS AND COMPANY

Address of Applicant :1007 MARKET STREET, WILMINGTON, DE
19898, UNITED STATES OF AMERICA. U.S.A.

(72)**Name of Inventor :**

1)JOEL DAVID CITRON

No of Pages : 10

No of Claims : 9

(57) Abstract :

A polymerization catalyst system, containing a specified ratio of two iron complexes of a bisimine of 2,6-diacetylpyridine or a bisimine of a 2,6-pyridinedicarboxaldehyde which produce polyolefins of differing molecular weights, is useful for producing polyolefins, especially polyethylenes, which are particularly useful for blow molding.

(54) Title of the invention : METHODS AND COMPOSITIONS FOR DEREPRESSION OF IAP-INHIBITED CASPASE

(51) International classification	:A61K 38/00
(31) Priority Document No	:60/331,957
(32) Priority Date	:21/11/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US02/37577
Filing Date	:21/11/2002
(87) International Publication No	:WO 03/045974
(61) 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 BURNHAM INSTITUTE

Address of Applicant :10901 NORTH TORREY PINES ROAD, LA JOLLA, CA 92037 (USA) U.S.A.

2)TORREY PINES INSTITUTE FOR MOLECULAR STUDIES

(72)Name of Inventor :

1)REED, JOHN, C.**2)HOUGHTEN, RICHARD, A.****3)NEFZI, ADEL****4)OSTRESH, JOHN, M.****5)PINILLA, CLEMENCIA****6)WELSH, KATE**

No of Pages : 119

No of Claims : 26

(57) Abstract :

The invention provides isolated agents having a core peptide selected from the group consisting of Core peptides 5 through 39 and 42 through 55, wherein the agent derepresses an IAP-inhibited caspase. Also provided is an isolated agent having a core structure selected from any of the structures shown in Figures 5, 9, 10, 14B, and 21-24 wherein said agent derepresses an IAP-inhibited caspase. The invention further provides a method of derepressing an IAP-inhibited caspase. The method consists of contacting an IAP-inhibited caspase with an effective amount of an agent to derepress an IAP-inhibited caspase, the agent having a core motif selected from the group consisting of a core peptide having a sequence set forth in any of Core peptides 4 through 39 and 42 through 55, and a core structure selected from the group consisting of TPI759, TPI882, TPI914 or TPI927. The methods of the invention also can be used for promoting apoptosis in a cell and for reducing the severity of a pathology characterized by reduced levels of apoptosis. Methods for identifying agents that derepress an IAP-inhibited caspase are also provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1504/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :01/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : CONTINUOUS DRUM-COATING OF GUM PRODUCTS

(51) International classification	:A23G3/26	(71) Name of Applicant :
(31) Priority Document No	:10/011,654	1)CADBURY ADAMS USA LLC
(32) Priority Date	:04/12/2001	Address of Applicant :2711 CENTERVILLE ROAD, SUITE 400,
(33) Name of priority country	:U.S.A.	WILMINGTON, DE 19808, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/IB02/04717	(72) Name of Inventor :
Filing Date	:11/11/2002	1)MARC DEGADY
(87) International Publication No	:WO 03/047362	2)MILES JOHN VAN NIEKERK
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 12

(57) Abstract :

A continuous coating process for chewing gum and bubble gum materials. Small cores or pieces of gum material 20 are introduced into inclined rotating drums 34, 34' in which heated air 52 is circulated and a coating agent 50 is applied (liquid or powder). The coating material is dried on the pieces of material, and a plurality of thin layers are formed on each of the cores or small pieces of material. A series of rotating drums can be provided to provide the requisite number or thickness of coating layers. In an alternate embodiment, initial coatings of material can be provided on the cores by a batch-type process before the materials are introduced into the continuous coating drums. The formulas for the coating solution can also be adjusted at different stages of the coating process in order to provide a more consistent and uniform coating.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1513/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :02/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : WHITE LIGHT EMITTING OLEDs FROM COMBINED MONOMER AND AGGREGATE EMISSION

(51) International classification :H01L 51/30
(31) Priority Document No :60/344,133
(32) Priority Date :28/12/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US02/41578
Filing Date :26/12/2002
(87) International Publication No :WO 03/59015
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE TRUSTEES OF PRINCETON UNIVERSITY
Address of Applicant :P.O. BOX 36, PRINCETON, NEW JERSEY
08544 (USA). U.S.A.
2)THE UNIVERSITY OF SOUTHERN CALIFORNIA
(72)**Name of Inventor :**
1)MARK, E. THOMPSON,
2)JASON BROOKS,
3)VADIM ADAMOVICH,
4)STEPHEN, R. FORREST,
5)BRIAN D'ANDRADE,

No of Pages : 42

No of Claims : 45

(57) Abstract :

The present invention relates to efficient organic light emitting devices (OLEDs). More specifically, the present invention relates to white-emitting OLEDs, or WOLEDs. The devices of the present invention employ two emitters in a single emissive region to sufficiently cover the visible spectrum. White emission is achieved from two emitters in a single emissive region through the formation of an aggregate by one of the emissive centers. This allows the construction of simple, bright and efficient WOLEDs that exhibit a high color rendering index.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1520/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :02/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : PROCESS FOR PRODUCTION (METH) ACROLEIN OR (METH) ACRYLIC ACID"

(51) International classification	:C07C 45/35	(71) Name of Applicant :
(31) Priority Document No	:2001-379526	1)MITSUBISHI CHEMICAL CORPORATION
(32) Priority Date	:13/12/2001	Address of Applicant :33-8, SHIBA 5-CHOME, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO 100-0014, JAPAN. Japan
(86) International Application No	:PCT/JP02/12912	(72) Name of Inventor :
Filing Date	:10/12/2002	1)YASUYUKI SAKAKURA
(87) International Publication No	:WO 03/050069	2)HIROCHIKA HOSAKA
(61) Patent of Addition to Application Number	:NA	3)YASUSHI OGAWA
Filing Date	:NA	4)YOSHIRO SUZUKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 10

(57) Abstract :

A process for producing (meth)acrolein or (meth)acrylic acid which comprises feeding a starting material for (meth)acrolein or (meth)acrylic acid to an oxidation reactor together with a molecular-oxygen-containing gas which has been mixed with a diluent gas and compressed with a compressor to conduct a catalytic vapor-phase oxidation, feeding the gas resulting from the reaction to an absorption column to bring it into contact with water, recovering an aqueous solution of (meth)acrolein or (meth)acrylic acid through the bottom of the absorption column, and using as the diluent gas all or part of the discharge gas recovered through the top of the absorption column, wherein the temperature of the mixed gas at the intake of the compressor is regulated so as to be higher than the dew point of the gas. Thus, the compressor can be prevented from being clogged or damaged.

(54) Title of the invention : A LUGGAGE CONTAINING STRUCTURE FOR A TYPE VEHICLE

(51) International classification	:B62K 11/00	(71) Name of Applicant :
(31) Priority Document No	:HEI-9-009034	1)HONDA GIKEN KOGYO KABUSHIKI KAISHA
(32) Priority Date	:21/01/1997	Address of Applicant :BUSINESS AT 1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)MASAO OGAWA,
Filing Date	:NA	2)MASAKI FUJIWARA
(87) International Publication No	:Not Applicable	3)KATSUICHI YAGISAWA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:74/DEL/1998	
Filed on	:13/01/1998	

No of Pages : 63

No of Claims : 3

(57) Abstract :

A technique is provided, which is capable of easily forming a containing box having a large containing space and improving a full-open position of a seat. In a scooter type vehicle in which an upper opening of a containing box 50 for containing a luggage such as a helmet is blocked with an openable seat 16, the seat 16 is configured to be openable obliquely. When the seat 16 is opened, the rear containing portion 51B is opened to a large extent while the front containing portion 51A is opened to a slight extent, and further the front containing portion 51A is made shallow and the rear containing portion 51B is made deep. The containing box 50 is composed of a box upper portion 51 including only at a front half 51A thereof a bottom portion 51b and extending substantially along the overall length of the seat 16, and a bottoming box lower portion 52 connected to a rear half 51B of the box upper portion in such a manner as to cover a lower opening of the rear half. In this structure, a side wall of the front half of the box upper portion is tilted in a state being widened upward, and a side wall of the rear half of the box upper portion is tilted in a state being widened downward. The front containing portion 51A is used to contain a small-sized luggage and the rear containing portion 51B is used to contain a large-sized luggage.

(54) Title of the invention : "ANTIPROTOZOAL RING-SUBSTITUTED PHOSPHOLIPIDS"

(51) International classification :C07F 9/38
 (31) Priority Document No :60/422,383
 (32) Priority Date :30/10/2002
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2003/034225
 Filing Date :29/10/2003
 (87) International Publication No :WO 2004/041167
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)THEODORA CALOGEROPOULOU

Address of Applicant :32 PROTEOS ST., GR-145 64 KIFISSIA, GREECE. Greece

2)MARIA KOUFAKI

3)NIKOLAOS AVLONITIS

4)ALEXANDROS MAKRIYANNIS

(72)Name of Inventor :

1)THEODORA CALOGEROPOULOU

2)MARIA KOUFAKI

3)NIKOLAOS AVLONITIS

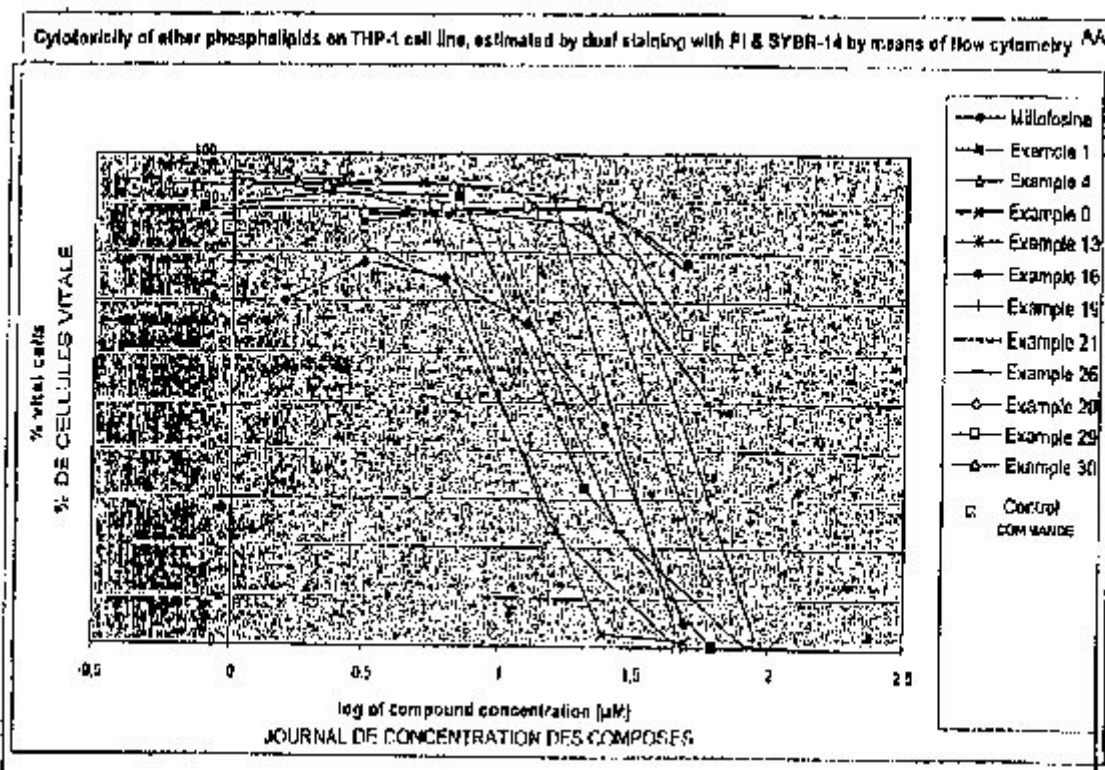
4)ALEXANDROS MAKRIYANNIS

No of Pages : 35

No of Claims : 22

(57) Abstract :

Disclosed are novel ring containing phospholipids repiesened by the structural formula A-X PO3-W nnd physiologically acceptable salts thereof ami H process lor (he preparation of these compounds. The compounds can he used for the treatment of protozoa! diseases and especially leishrmnniasis.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1596/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :08/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING A PRIVATE CONVERSATION CHANNEL IN A VIDEOCONFERENCE SYSTEM

(51) International classification	:G06F 13/00
(31) Priority Document No	:60/341,799
(32) Priority Date	:15/12/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2002/039920
Filing Date	:13/12/2002
(87) International Publication No	:WO 2003/053034
(61) 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 S.A.
Address of Applicant :46, QUAI A. LE GALLO, F-92648
BOULOGNE FRANCE France
(72)**Name of Inventor :**
1)WANG, CHARLES, CHUANMING
2)CAHNBLEY, JENS
3)RICHARDSON, JOHN, WILLIAM

No of Pages : 54

No of Claims : 18

(57) Abstract :

A method for providing a private conversation channel in a videoconference session between at least three participants (130, 132, 134) includes the steps of providing an ability to receive a private acceptance in response to the private invitation, and providing an ability to exclude non-parties to the private conversation from receiving private messages corresponding to the private conversation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1609/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :21/06/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF A SOLUTION OF DIALKYL PEROXYDICARBONATE

(51) International classification	:CO8F14/06
(31) Priority Document No	:09600070
(32) Priority Date	:25/01/1996
(33) Name of priority country	:Belgium
(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	:159/DEL/1997
Filed on	:21/01/1997

(71)**Name of Applicant :**
1)SOLVAY (SOCIETE ANONYME)
Address of Applicant :33,RUE DU PRINCE ALBERT, B-1050
BRUSSELS, BELGIUM Belgium
(72)**Name of Inventor :**
1)VINCENT BODART

No of Pages : 19

No of Claims : 7

(57) Abstract :

The dialkyl peroxydicarbonates with short alkyl chains, are used for the aqueous suspension polymerization of vinyl chloride, in the form of a solution in a dialkyl alkanedicarboxylate. The preferred solvents are hexanedicarboxylates (adipates) derived from adipic acid and C.sub.6-C.sub.10 alkanols. The peroxydicarbonate concentration of the said solutions is generally 15-40% by weight. The process according to the invention produces vinyl chloride polymers of improved quality resulting in shaped articles exhibiting markedly fewer fisheyes. The invention also relates to a two-stage process for the manufacture of a solution of dialkyl peroxydicarbonates with short alkyl chains which is particularly suited for the aqueous suspension polymerization of vinyl chloride. According to this process an inorganic salt is used in the stage of manufacture of the peroxydicarbonate (first stage) and the latter is subsequently isolated by extraction by means of a water-insoluble solvent (second stage).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1611/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :21/06/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : A COMPOSITION CAPABLE OF REDUCING THE AMOUNT OF GASEOUS OXYGEN

(51) International classification :C08K 5/092

(31) Priority Document No :08/573086

(32) Priority Date :15/12/1995

(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 :2785/DEL/1996

Filed on :12/12/1996

(71)**Name of Applicant :**

1)W.R. GRACE & CO.-CONN.

Address of Applicant :1114 AVENUE OF THE AMERICAS, NEW YORK, NEW YORK 10036, UNITED STATES OF AMERICA U.S.A.

(72)**Name of Inventor :**

1)CYNTHIA LOUISE EBNER

2)THOMAS ANDREW BLINKA

No of Pages : 74

No of Claims : 24

(57) Abstract :

An improved oxygen scavenging composition and packaging container formed therefrom is disclosed. The container is suitable for storage of oxygen sensitive materials and has as part of its exposed interior surface a composition composed of a polymeric matrix with an oxygen scavenger and a substantially water-insoluble transition metal containing compound distributed therein.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1633/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :10/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATIC GEMSTONE POLISHING

(51) International classification	:B24B	(71) Name of Applicant :
(31) Priority Document No	:147100	1)DIALIT LTD.,
(32) Priority Date	:13/12/2001	Address of Applicant :HAHOFER 12, 58117 HOLON, ISRAEL Israel
(33) Name of priority country	:Israel	(72) Name of Inventor :
(86) International Application No	:PCT/IL02/01003	1)PORAT, ZVI
Filing Date	:12/12/2002	
(87) International Publication No	:WO 03/053632	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 46

(57) Abstract :

The invention is of a polishing system and method, which provide a combination of vertical and angular displacement of a gemstone relative to a polishing wheel, the apparatus including a tang, a polishing wheel, a vertical displacement element attached to the tang, and an angular displacement element, attached to the tang. The system of the invention can be readily incorporated into an existing automatic gemstone polishing machine.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1637/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :10/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : THE LIQUID COMPOSITION FOR PROMOTING PLANT GROWTH, WHICH INCLUDES NANO-PARTICLE TITANIUM DIOXIDE

(51) International classification	:A01N 59/16
(31) Priority Document No	:2002-0002388
(32) Priority Date	:15/01/2002
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR02/02142
Filing Date	:16/11/2002
(87) International Publication No	:WO 03/059070
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CHOI, KWANG-SOO

Address of Applicant :2-801, LOTTE APT, 414 HYOJA-DONG 1-GA, WANSAN-GU, 560-857 JEONJU KOREA Republic of Korea

(72)Name of Inventor :

1)CHOI, KWANG-SOO

2)LEE, SANG-HOON

3)CHOL, HYOUNG-SONG

No of Pages : 18

No of Claims : 10

(57) Abstract :

The present invention relates to a liquid composition for promoting plant growth, which contains titanium dioxide nanoparticles. The composition contains, as a main component, an aqueous solution containing titanium dioxide colloids. The titanium dioxide nanoparticles have such a particle size that they can be readily absorbed to plants. A pH of the aqueous solution is adjusted in order to prevent rapid precipitation of the titanium dioxide nanoparticles in the aqueous solution, before the aqueous solution is diluted with water such that titanium dioxide has a desired concentration. Also, the composition contains adjuvants necessary for plant growth and a surfactant for dispersion. The composition allows crop yield to be increased by increasing the photosynthetic efficiency of plants, and permits increasing the bactericidal activity of plants against plant pathogens. Furthermore, the composition permits improving a problem of environmental contamination caused by the excessive use of biochemical fertilizers, and also contributes to an increase in farmer income.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1646/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :11/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : SPINDLE SLEEVE WITH TRANSPONDER

(51) International classification	:G06K19/07
(31) Priority Document No	:10/005,083
(32) Priority Date	:04/12/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US02/37900
Filing Date	:25/11/2002
(87) International Publication No	:WO 03/049025
	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)THE GATES CORPORATION
Address of Applicant :1551WEWATTA STREET, DENVER,
COLORADO 30202, UNITED STATES OF AMERICA U.S.A.
(72)**Name of Inventor :**
1)FRANK SCHWANDNER

No of Pages : 14

No of Claims : 20

(57) Abstract :

The invention comprises a transponder moveably implanted into a pocket on an elastomeric spindle sleeve. The pocket comprises a plastic lining which is formed in the sleeve during cure or vulcanization. The transponder is inserted into the pocket once cure or vulcanization of the sleeve is complete. The open ends of the pocket are then sealed closed with an adhesive. Since the transponder is not molded into or otherwise bonded to the pocket during fabrication the transponder may move within the pocket. This minimizes stresses that may otherwise be transmitted to the transponder during flexing of the sleeve, thereby extending a transponder life. The transponder collects, stores and transmits manufacturing data which can be read by hand-held or stationary electronic devices. The transponder comprises a microchip and antenna in addition to a plastic or paper laminate upon which it is mounted. The transponder is activated by RF energy received by the antenna and therefore needs no battery.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1661/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :27/07/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : A CATALYTIC PROCESS FOR SIMULTANEOUS FURFURAL HYDROGENATION-CYCLOHEXANOL DEHYDROGENATION IN VAPOR PHASE.

(51) International classification	:C07D307/44	(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA. Delhi India
(31) Priority Document No	:11/022398	
(32) Priority Date	:23/12/2004	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)KAMARAJU SEETHA RAMA RAO
(86) International Application No	:NA	2)BURRI DAVID RAJU
Filing Date	:NA	3)SANKARASUBBIER NARAYANAN
(87) International Publication No	:N.A	4)BHARI MALLANNA NAGARAJA
(61) Patent of Addition to Application Number	:NA	5)AYTAM HARI PADMASRI
Filing Date	:NA	6)VASIREDDY SIVAKUMAR
(62) Divisional to Application Number	:NA	7)VELDURTHI SHASHIKALA
Filing Date	:NA	8)PODILA SEETHARAMULU
		9)SANAPUREDDY SREEVARDHAN REDDY

No of Pages : 13

No of Claims : 11

(57) Abstract :

The present invention provides a catalytic process for the synthesis of furfuryl alcohol and cyclohexanone simultaneously over a copper based catalyst in vapour phase conditions by hydrogenation of furfural and dehydrogenation of cyclohexanone respectively.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1662/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :14/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : HIGH PROTEIN, LOW CARBOHYDRATE DOUGH AND BREAD PRODUCTS AND METHOD FOR MAKING SAME.

(51) International classification	:A21D2/26
(31) Priority Document No	:60/340,541
(32) Priority Date	:13/12/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US02/39951
Filing Date	:13/12/2002
(87) International Publication No	:WO 03/049545
	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)TECHCOM INTERNATIONAL INC.,
Address of Applicant :10000 SW 52ND AVENUE, SUITE 177,
GAINESVILLE, FL 32608, U.S.A. U.S.A.
(72)**Name of Inventor :**
1)ANFINSEN JON ROBERT

No of Pages : 34

No of Claims : 18

(57) Abstract :

A dough composition for making a high protein, low carbohydrate bread, the dough containing at least 5% vital wheat gluten, a hydrolyzed wheat protein having a degree of hydrolysis from about 0.5% to 50%, a moisture-managing agent, a fungal protease enzyme, a carbohydrate component consisting of digestible carbohydrate material and non-digestible carbohydrate material, and water. A milk protein or soy protein hydrocolloid can be used as the moisture-managing agent to improve the shelf life of the resulting bread. A dough conditioner is used to improve the machinability of the dough composition, especially at less intense mixing conditions. The invention also includes a process for making the dough composition using high shear mixing equipment. The invention includes also the bread made from the dough composition, and from the dough making process.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1683/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :15/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHODS FOR THE TREATMENT OF PERIPHERAL NEURAL AND VASCULAR AILMENTS

(51) International classification	:A61K 31/07	(71) Name of Applicant :
(31) Priority Document No	:PCT/US01/49297	1)THE QUIGLEY CORPORATION
(32) Priority Date	:19/12/2001	Address of Applicant :621 NORTH SHADY RETREAT ROAD,
(33) Name of priority country	:U.S.A.	DOYLESTOWN, PA 18901-2514. USA. U.S.A.
(86) International Application No	:PCT/US02/35654	(72) Name of Inventor :
Filing Date	:06/11/2002	1)RICHARD A. ROSENBLOOM
(87) International Publication No	:WO 03/053336	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 34

No of Claims : 44

(57) Abstract :

Compositions and methods for the treatment of peripheral neural and vascular ailments are disclosed. The method comprises administering a flavonoid compound with antioxidant properties, optionally formulated in a pharmaceutically acceptable carrier. This compound or combination of compounds provides significant, effective relief of the symptoms of peripheral neural or vascular ailments. In addition, the compositions, when used according to the methods of the present invention, do not exhibit the severe side effects of many prior art compositions proposed for treatment of these ailments.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1688/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :15/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : MOBILE AERULIC ISOLATION DEVICE AGAINST AIRBORNE CONTAMINATION, WITH VARIABLE GEOMETRY AIR DIFFUSER

(51) International classification	:A61G10/00
(31) Priority Document No	:01 16851
(32) Priority Date	:21/12/2001
(33) Name of priority country	:France
(86) International Application No	:PCT/FR02/03436
Filing Date	:09/10/2002
(87) International Publication No	:WO 03/056253
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AIRINSPE LIMITED
Address of Applicant :REID HALL, 3 REID STREET, HAMILTON
HM11, LES BERMUDES Bermuda
(72)**Name of Inventor :**
1)FREDERIC BASET
2)JEAN-MARIE BILLIOTTE
3)ALEXANDRE VLADIMIROVITCH NAGOLKIN
4)ELENA VLADIMIROVNA VOLODINA

No of Pages : 71

No of Claims : 41

(57) Abstract :

The invention concerns a mobile device for aeraulic isolation (1a) including a multiple-unit air-diffusing chamber (4) with variable geometry, comprising at least two mobile plenums (5, 6) to protect a sensitive area such as a bed (2), against airborne contaminating aerosols (3). It comprises an air-diffusion chamber (4) consisting of at least two rigid plenums (5, 6) mechanically linked to each other so as to be mobile relative to each other, and having a lower air diffusing surface (7, 8) substantially planar and air-porous. A means for imparting a relative movement (10) to the mobile plenums (5, 6) enables to position them relative to each other in at least two different relative positions. The device (1a) comprises physical means for decontaminating (20, 21, 22, 23) the moving air which passes through it, means for pressurizing (26) air, means for ventilating connection (30) and air circulation, and a mobile support frame (12). The device is characterized in that it comprises means for imparting absolute movement (13) to the group of two rigid plenums (5, 6) relative to the frame (12). Thus, its two plenums (5, 6) are mobile both relative to each other and relative to the frame (12). The device (1a) constitutes an mobile protective insulating device for immunodepressed persons.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1717/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :17/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : INFECTION-RESISTANT MEDICAL DEVICES

(51) International classification	:A61K31/42
(31) Priority Document No	:60/350,767
(32) Priority Date	:22/01/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US03/01710
Filing Date	:21/01/2003
(87) International Publication No	:WO 03/061715
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PHARMACIA & UPJOHN COMPANY
Address of Applicant :301 HENRIETTA STREET, KALAMAZOO, MI
49007, USA U.S.A.
(72)**Name of Inventor :**
1)JOHN KENNETH GIBSON
2)CHARLES W. FORD
3)PAUL J. PAGANO

No of Pages : 34

No of Claims : 26

(57) Abstract :

A method for preventing medical device-associated microorganism infection includes the steps of providing a medical device and incorporating an effective amount of an oxazolidinone compound, such as linezolid, into the medical device.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1740/DEL/2004 A

(19) INDIA

(22) Date of filing of Application :16/09/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "6,7-DIHYDRO-5H- PYRAZOLO[1,2-A] PYRAZOL- 1 -ONES WHICH CONTROL INFLAMMATORY CYTOKINES"

(51) International classification	:C07D 487/04
(31) Priority Document No	:60/323,625
(32) Priority Date	:20/09/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US02/30135
Filing Date	:20/09/2002
(87) International Publication No	:WO 03/024971
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:00313/DELNP/2004
Filed on	:10/02/2004

(71)**Name of Applicant :**
1)THE PROCTER & GAMBLE COMPANY
Address of Applicant :ONEOCTER & GAMBLE PLAZA,
CINCINNATI, OH 45202(US). U.S.A.

(72)**Name of Inventor :**
1)CLARK, MICHAEL, PHILIP
2)LAUFERSWEILER, MATTHEW, JOHN
3)DJUNG, JANE, FAR - JINE
4)NATCHUS, MICHAEL, GEORGE
5)DE, BISWANATH

No of Pages : 79

No of Claims : 18

(57) Abstract :

The present invention relates to compound which are capable of preventing the extracellular release of inflammatory cytokines. said compounds, including all enantiomeric and diastereomeric forms and pharmaceutically acceptable salts thereof, have the formula (I): wherein R comprises ethers or amines; R1 is: a) substituted or unsubstituted aryl; or b) substituted or unsubstituted heteroaryl; each R2 unit is independently selected from the group consisting of: a) hydrogen: b) -(CH2),O

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1741/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :18/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : PROCESS FOR UPDATING A REVOCATION LIST OF NONCOMPLIANT KEYS, APPLIANCES OR MODULES IN A SECURE SYSTEM FOR BROADCASTING CONTENT

(51) International classification	:H04N 5/775
(31) Priority Document No	:01/17139
(32) Priority Date	:28/12/2001
(33) Name of priority country	:France
(86) International Application No	:PCT/EP02/14639
Filing Date	:20/12/2002
(87) International Publication No	:WO 03/056823
(61) 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 S.A.
Address of Applicant :46 QUAI ALPHONSE LE GALLO F-92100
BOULOGNE-BILLANCOURT, FRANCE. France
(72)**Name of Inventor :**
1)ERIC DIEHL,
2)ALAIN DURAND

No of Pages : 13

No of Claims : 9

(57) Abstract :

The process consists in receiving in a reception device (3) a content from a content provider (2) to which is attached a unique identifier of most recent revocation list, the revocation list containing identifiers of keys, of appliances or of modules regarded as noncompliant by a trusted third party (1). The revocation list identifier received (IndexLR-C) is compared with a revocation list identifier stored (IndexLR-M) in the reception device and, in case of difference between the identifiers; – one downloads the most recent revocation list to the said reception device; or – one awaits the reception of the most recent revocation list with a next content. The invention also relates to a process for presenting a content received according to the above process.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1742/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :18/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : CYCLISATION PROCESS FOR THE PREPARATION OF SUBSTITUTED C-2 BETA-LACTAM COMPOUNDS

(51) International classification	:C12P17/10
(31) Priority Document No	:0130351.0
(32) Priority Date	:19/12/2001
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB02/05804
Filing Date	:19/12/2002
(87) International Publication No	:WO 03/052003
	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)ISIS INNOVATION LIMITED
Address of Applicant :EWERT HOUSE, EWERT PLACE,
SUMMERTOWN, OXFORD OX2 7SG, ENGLAND U.K.

(72)**Name of Inventor :**
1)CHRISTOPHER JOSEPH SCHOFIELD
2)KIRSTY SARAH HEWITSON
3)MARK CHRISTOPHER SLEEMAN

No of Pages : 20

No of Claims : 13

(57) Abstract :

A process for the preparation of a substituted C-2 β -lactam comprises incubating a 2-substituted 3-aminocarboxylic acid with a β -lactam synthetase under conditions such that the 2-substituted 3-aminocarboxylic acid is cyclised to produce a substituted C-2 β -lactam. The process can be used to produce an antibiotic or β -lactamase inhibitor.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1783/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :22/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD OF AND APPARATUS FOR UPGRADING AND GASIFYING HEAVY HYDROCARBON FEEDS

(51) International classification	:C10G671/6	(71) Name of Applicant :
(31) Priority Document No	:10/025,996	1)ORMAT INDUSTRIES LTD
(32) Priority Date	:26/12/2001	Address of Applicant :P O BOX 68, 70650 YAVNE, ISRAEL Israel
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/IL02/01032	1)RETTGER, PHILIP
Filing Date	:24/12/2002	2)GOLDSTEIN, RANDALL
(87) International Publication No	:WO 03/060042	3)ARNOLD, JIM
	A1	4)BRONICKI, YORAM
(61) Patent of Addition to Application Number	:NA	5)FRIDAY, ROBERT, J.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 48

No of Claims : 53

(57) Abstract :

An apparatus for producing sweet synthetic crude from a heavy hydrocarbon feed comprising; an upgrader (14) for receiving said heavy hydrocarbon feed and producing a distillate fraction including sour products, and high-carbon content by-products; a gasifier (32) for receiving the high-carbon content by-products and producing synthetic fuel gas and sour by-products; a hydro processing unit (22) for receiving the sour by-products and hydrogen gas, thereby producing gas and sweet crude; and a hydrogen recovery unit (42) for receiving said synthetic fuel gas and producing further hydrogen gas and hydrogen-depleted synthetic fuel gas, said further hydrogen gas being supplied to said hydro processing unit (22).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1852/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :29/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD AND ARRANGEMENT FOR MULTIMEDIA COMMUNICATION

(51) International classification	:H04L29/06
(31) Priority Document No	:0200 492.7
(32) Priority Date	:19/02/2002
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE03/00228
Filing Date	:11/02/2003
(87) International Publication No	:WO 03/071764
	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)TELEFONAKTIEBOLAGET LM ERICSSON [PUBL]
Address of Applicant :S-164 83 STOCKHOLM, SWEDEN Sweden
(72)**Name of Inventor :**
1)BJORN JONSSON

No of Pages : 22

No of Claims : 14

(57) Abstract :

Users, who have simultaneous access to a plurality of terminal devices, can enter into a multimedia, multiterminal user session. In a negotiation phase users agree on which media to use in a multimedia session and select the most appropriate types of terminal devices that support the selected media. Each terminal device is connected to one of a plurality of interworking communications networks. A network node (130) that is reached through any of the plurality of interworking networks manages creation and supervision of sub-sessions involving the selected terminal devices such that each type of terminal device carry at least one selected media. A versatile and media rich communication is obtained in which terminal devices currently available at a local environment are efficiently used.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1863/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :30/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : REAL TIME FINANCIAL INSTRUMENT IMAGE EXCHANGE SYSTEM AND METHOD

(51) International classification	:G06F17/60
(31) Priority Document No	:10/044,679
(32) Priority Date	:11/01/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US03/00540
Filing Date	:09/01/2003
(87) International Publication No	:WO 03/060797
	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)ADVANCED FINANCIAL SOLUTIONS, INC,

Address of Applicant :1200 SOVEREIGN ROW, OKLAHOMA CITY,
OKLAHOMA 73108-1823, UNITED STATES OF AMERICA U.S.A.

(72)**Name of Inventor :**

1)MARK S. CRAIG

2)MICHAEL M. MILLER

3)CHARLES H. DOWNS, JR

No of Pages : 22

No of Claims : 23

(57) Abstract :

A real time financial instrument image exchange system and method deliver a digital image of a financial instrument (for example, a bank check) very quickly through an image exchange network to a payor institution by promptly forwarding the digital image when it is created at a depositing institution. This may expedite pay or return decisions to be made by payor institutions, which may enable banks to truncate checks, to reduce fraud and its costs, and to facilitate compliance with banking regulations. Such image capture, as well as related data capture, and real-time transfer enable emulation to an item processing system of the payor institution whereby the payor's item processing system processes the image and data as if it did the original capture actually performed at the depositing institution.

(54) Title of the invention : "PYRROLOPYRIMIDINE A2B SELECTIVE ANTAGONIST COMPOUNDS, THEIR SYNTHESIS AND USE"

(51) International classification :C07D 487/04
 (31) Priority Document No :60/343,443
 (32) Priority Date :20/12/2001
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US02/40890
 Filing Date :20/12/2002
 (87) International Publication No :WO 03/053361
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)OSI PHARMACEUTICALS, INC.
 Address of Applicant :58 SOUTH SERVICE ROAD, SUITE 110,
 MELVILLE, NY 11747, USA U.S.A.
 (72)**Name of Inventor :**
1)ARLINDO L. CASTELHANO
2)ARNO STEINING
3)BRYAN MCKIBBEN

No of Pages : 36

No of Claims : 101

(57) Abstract :

The subject invention provides compounds having the structure: wherein, R1 is a substituted or unsubstituted alk .wherein the substituent is hydroxyl, dihydroxy, carboxyl, -C(=O)NRaRb, -NRaRb, -NRaC(=O)NRaRb, -NR3C(=O)OR:1, -OCO)NRDRb, or -NHC(=O)Ra; R2 is hydrogen or a substituted or unsubstituted alkyl, wherein the substituent is hydroxyl, dihydroxyl, carboxyl, -C(=O)NRaRb, -NRaRb, -NRaC(=O)NRaRb, -NRaC(=O)ORa, -OC(=O)NRaRb, or -NHC(=O')Ra. or R-, R2 and N together form a substituted piperazine, substituted azetidine ring, or a pyrrolidine ring substituted with -(CH2)2OH or -CHjC(=O)OH; R:, is a substituted or unsubstituted phenyl or a 5-6 membered heteroaryl ring, wherein the substituent is halogen, hydroxyl, cyano, (Ct-Ci5)alkyl, (CrCi5)alkoxyl, or -NRaRb; Ra is hydrogen or substituted or unsubstituted (Ci-Ci5)alkyl; R5 is -(CH2)mOR6, -CHNOR7, -C(=O)NRSR9, -(CH2)mC(=O)ORi0, -(CH2.)kC(=O)NRuRi2; wherein R6 is a substituted or unsubstituted (CrC30)alkyl, (Cj-C^icycloalkyl, or an aryl, heteroaryl or 4-8 membered heterocyclic ring; R7 is hydrogen, or a substituted or unsubstituted (Ci-C3o)alkyl, (Ci-C3o)alkylaryl; RS and R9 are each independently hydrogen, or a substituted or unsubstituted (Ci-C3o)alkyl, (Ci-Cjo/alkylaryl, (Ci-C3o.)alkylamino, (Ci-C3o)alkoxy, or a saturated or unsaturated. monocyclic or bicyclic. carbocyclic or heterocyclic ring, or Rs, N, and R9 together form a substituted or unsubstituted 4-8 membered heterocyclic ring; R,0 is hydrogen or a substituted or unsubstituted (Ci-C3o)alkyl, (CrC10)cycloalkyl, or an arj'l, heteroaiyl or heterocyclic ring; Ru, N and R)2 together form a 4-8 membered heterocyclic ring; Ra and Rb are each independently hydrogen or alkyl; m is 0, 1,2 or 3; and k is 1, 2 or 3, or a specific enantiomer thereof, or a specific tautomer thereof, or a pharmaceutically acceptable salt thereof, and a method for treating a disease associated with the A2b adenosine receptor in a subject in need of such treatment comprising administering to the subject a therapeutically effective amount of the compounds of the invention.

(54) Title of the invention : "REDUCING TEMPERATURE DIFFERENCES WITHIN THE REGENERATOR OF AN OXYGENATE TO OLEFIN PROCESS"

(51) International classification :B01J 29/90 (31) Priority Document No :60/345,402 (32) Priority Date :07/01/2002 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2002/039644 Filing Date :12/12/2002 (87) International Publication No :WO/2003/059850 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)EXXONMOBIL CHEMICAL PATENTS INC. Address of Applicant :5200 BAYWAY DRIVE, BAYTOWN, TEXAS 77520-5200 (USA). U.S.A. (72)Name of Inventor : 1)TENG XU, 2)PAUL, N. CHISHOLM, 3)STEPHEN, N. VAUGHN, 4)SHUN, C. FUNG, 5)KEITH, H. KUECHLER, 6)JAMES, R. LATNER, 7)KENNETH, R. CLEM, 8)PATRICK, J. MAHER, 9) DEAN, C. DRAEMEL,

No of Pages : 67

No of Claims : 36

(57) Abstract :

The present invention provides a process for making an olefin product from an oxygenate feedstock which comprises: a) contacting the feedstock in a reaction zone with a catalyst comprising i) a molecular sieve having defined pore openings and ii) a CO oxidation metal, under conditions effective to convert the feedstock into an olefin product stream comprising C2–C3 olefins and to form carbonaceous deposits on the catalyst so as to provide a carbon–containing catalyst; b) contacting at least a portion of the carbon–containing catalyst with a regeneration medium comprising oxygen in a regeneration zone comprising a fluid bed regenerator having a dense fluid phase and a dilute fluid phase under conditions effective to obtain a regenerated catalyst portion, wherein the difference between the temperature of the dilute phase and the temperature of the dense phase is no greater than 100°C; c) introducing said regenerated catalyst portion into said reaction zone; and d) repeating steps a)–c).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1886/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :20/07/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : COMPOSITIONS WITH CYCLOPROPENES AND ADJUVANTS

(51) International classification	:A01N25/26 A01N 25/28	(71) Name of Applicant : 1)ROHM AND HASS COMPANY Address of Applicant :100 INDEPENDENCE MALL WEST, PHILADELPHIA, PENNSYLVANIA, 19106-2399, U.S.A. U.S.A.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)RICHARD M. BASEL
(33) Name of priority country	:NA	2)EDWARD CHARLES KOSTANSEK
(86) International Application No	:NA	3)BRIDGET MARIE STEVENS
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	

No of Pages : 16

No of Claims : 10

(57) Abstract :

A composition is provided that contains one or more molecular encapsulation agents within each of which is encapsulated one or more cyclopropenes and that contains one or more adjuvants selected from the group consisting of surfactants, alcohols, hydrocarbon oils, and mixtures thereof. Also provided is a method that includes the step of contacting such compositions to one or more plants or plant parts.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1900/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :20/07/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : "INTERCHANGEABLE PLUG POWER SUPPLY WITH AUTOMATICALLY ADJUSTING INPUT VOLTAGE RECEIVING MECHANISM"

(51) International classification	:H01R 13/17
(31) Priority Document No	:08/670,247
(32) Priority Date	:19/06/1996
(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	:1622/DEL/1997
Filed on	:17/06/1997

(71)**Name of Applicant :**
1)ADVANCED MOBILE SOLUTIONS, INC.
Address of Applicant :329 RHEEM BOULEVARD,
MORAGE,CALIFORNIA 94556, U.S.A. U.S.A.
(72)**Name of Inventor :**
1)STAN S. HAHN

No of Pages : 13

No of Claims : 16

(57) Abstract :

A power supply with interchangeable plug (13) capacity and interchangeable power input modules includes a casing (1), an electrical plug (13) detachably mounted in the casing (1) allowing the user to accommodate various power source configurations and voltage supply levels without manually setting the unit for the available power source, resulting in increased user safety and convenience. Releasable locking mechanisms (20) are included to engage the interchangeable electrical plug (13). The locking mechanisms (20) can be released by a user to allow the plug (13) to be moved to the detached position. A preferred form of electrical connection between a detachable plug (13) and casing (1) comprises a submerged conductor configuration to protect user or passerby from an electrical shock. A variety of interchangeable electrical plugs (13) can be fitted to the same casing (1) for interface with a transformer in the power supply casing (1). Each such plug (13) is internally wired to configure the primary windings of the transformer automatically to present a substantially constant AC voltage at the secondary windings of the transformer irrespective of the magnitude of the supply voltage standards

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1901/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :02/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD OF DETECTING SATURATION IN A CURRENT TRANSFORMER

(51) International classification	:H02H 1/04	(71) Name of Applicant :
(31) Priority Document No	:0201043	1)AREVA T&D SA
(32) Priority Date	:29/01/2002	Address of Applicant :3, AVENUE ANDRE MALRAUX-LE
(33) Name of priority country	:France	SEXTANT-92309 LEVALLOIS PERRET CEDEX, FRANCE France
(86) International Application No	:PCT/FR03/00220	(72) Name of Inventor :
Filing Date	:23/01/2003	1)RENE ALLAIN
(87) International Publication No	:WO 03/065533	2)JEAN PHILIPPE PUY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 34

No of Claims : 7

(57) Abstract :

The method is based on an association of at least two saturation criteria enabling detection of a saturation phase when said criteria are met simultaneously. The invention is characterized in that a first saturation criterion (Ce . sat) takes into account the calculation of an instantaneous prediction error (Yk) as a function of the differential between the measured secondary current (*is*) and the secondary current (Is) predicted with the aid of a mathematical model, and in that a second saturation criterion (CF.sat) takes into account the instantaneous algebraic flux (F.mes) calculated by integration of the sampled secondary current (Yk), comparing said algebraic flux to a positive threshold (S+, S'+) and to a negative threshold (S-, S'-). Said comparison is initialized by exaggerating the probabilities of meeting the second saturation criterion at the beginning of the measurement, more particularly by an over-estimation (F_rem_haut) of the absolute value of the remanent flux of the transformer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1905/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :02/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "PRESSURE REGULATING DEVICE FOR A PRESSURISED DISPENSING VESSEL"

(51) International classification	:B65D 83/14
(31) Priority Document No	:PS 0237
(32) Priority Date	:31/01/2002
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2003/000092
Filing Date	:30/01/2003
(87) International Publication No	:WO/2003/064286
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PRIMEPAK PTY LTD
Address of Applicant :25 GRANDQUIST ROAD, WOODBRIDGE,
TASMANIA 7162, AUSTRALIA Australia
(72)**Name of Inventor :**
1)FRASER-EASTON, GILBERT

No of Pages : 21

No of Claims : 18

(57) Abstract :

A pressure regulating device (10) for regulating pressure in a pressurised dispensing vessel (12), the device (10) comprising a cartridge (15) for storing pressurised fluid; the cartridge (15) being sealed by a cap assembly (20) having an expandable chamber and a flow passage and an actuating means in the cap assembly (20) to open and close the flow passage and an actuation means in the cap assembly (20) to actuate the closure member, wherein the actuation means operates in response to expansion of the expandable chamber; and a one-way valve (24) communicating the expandable chamber with the interior of the dispensing vessel (12) via an aperture (40) in the cap assembly (20), the valve (24) having a resilient chamber seal (35) in the expandable chamber extending across the aperture (40) and restrained by chamber wall so as to allow fluid to enter through the aperture (40) and past the seal (35) to charge the chamber to a predetermined pressure difference below the pressure in the dispensing vessel, and wherein expansion of the chamber occurs when the pressure in the dispensing vessel (12) is lower than the pressure in the chamber.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1908/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :05/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "A LATERALLY-ACTUATED SPRAY DEVICE"

(51) International classification	:B05B 11/00
(31) Priority Document No	:02/00766
(32) Priority Date	:22/01/2002
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2002/003957
Filing Date	:19/11/2002
(87) International Publication No	:WO/2003/061843
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VALOIS S.A.S.
Address of Applicant : B.P. G, LE PRIEURÉ, F-27110 LE
NEUBOURG, FRANCE France
(72)**Name of Inventor :**
1)FABIO STRADELLA,
2)GI USEPPE STRADELLA,

No of Pages : 8

No of Claims : 7

(57) Abstract :

The invention relates to an atomisation device for a liquid product, with a reservoir (10) containing liquid product, a pump or a valve mounted on the reservoir (10) by means of a fixing ring (30), for selective distribution of the liquid, a distribution head (40) comprising a distribution orifice (45) and an actuator (50) which may be displaced between a rest position and a position of distribution. Displacement of the actuator (50) is achieved in a direction different to the direction of atomisation of the product through the distribution orifice (45), said actuator (50) being formed on the distribution head (40) and co-operating with the fixing ring (30) to operate the pump or the valve.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1911/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :05/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "METHOD FOR THE PRODUCTION OF GRIGNARD COMPOUNDS"

(51) International classification	:C07F 3/02	(71) Name of Applicant :
(31) Priority Document No	:102 00 149.9	1)GRÜNENTHAL GMBH
(32) Priority Date	:04/01/2002	Address of Applicant :ZIEGLERSTRASSE 6, D-52078 AACHEN,
(33) Name of priority country	:Germany	GERMANY Germany
(86) International Application No	:PCT/EP2002/014790	(72) Name of Inventor :
Filing Date	:28/12/2002	1)BETTINA THADEN,
(87) International Publication No	:WO/2003/055894	2)HEIKE STOLLENWERK,
(61) Patent of Addition to Application Number	:NA	3)UWE KREBBER,
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 26

(57) Abstract :

The invention relates to a method for producing Grignard compounds, according to which magnesium is reacted in a suitable fluid reaction medium in a protective atmosphere with halogen-substituted organic compounds by means of microwave radiation.

(54) Title of the invention : "METHOD OF MANAGING COMMUNICATIONS IN A NETWORK AND THE CORRESPONDING SIGNAL, TRANSMITTING DEVICE AND DESTINATION TERMINAL"

(51) International classification	:H04L 1/00
(31) Priority Document No	:02/00281
(32) Priority Date	:10/01/2002
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2003/000030
Filing Date	:07/01/2003
(87) International Publication No	:WO/2003/058906
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)WAVECOM

Address of Applicant :IMMEUBLE BORD DE SEINE I, 3,
ESPLANADE DU FONCET, 92442 ISSY-LES-MOULINEUX, CEDEX,
FRANCE France

(72)**Name of Inventor :**

1)BASSOMPIERRE ANTOINE

2)GOUDARD, NATHALIE

No of Pages : 29

No of Claims : 18

(57) Abstract :

The invention relates to the management of communications in a communication network (100) comprising at least one transmitting device (101) and at least one terminal (102) which is adapted to receive data. The inventive management method comprises the following steps: establishment (304, 309, 312) of a communication between one of the terminals, called the destination terminal, and one of the transmitting devices, called the transmitting device, using a first communication mode which is based on a single-carrier modulation; and passing to a second communication mode (307, 310) using a multicarrier modulation (OFDM), with a communication channel that uses the multicarrier modulation being assigned to the communication between the transmitting device and the destination terminal. According to the invention, said first and second communication modes are carried out successively in an alternating manner. The invention also relates to the corresponding signal, transmitting device and destination terminal.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1919/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :05/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "APPARATUS, METHOD AND SYSTEM FOR RECEIVING AND DISTRIBUTING COINS AND NOTES":

(51) International classification	:G07D4/00
(31) Priority Document No	:10/025,336
(32) Priority Date	:19/12/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB02/05773
Filing Date	:18/12/2002
(87) International Publication No	:WO 03/052700
	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)PRETECH AS
Address of Applicant :BYGDOY ALLE 23, N-0262, OSLO,
NORWAY, Norway
(72)**Name of Inventor :**
1)AAS, PER CHRISTIAN
2)LIPPERT, JOHN-HAAKON

No of Pages : 54

No of Claims : 82

(57) Abstract :

The present invention relates to methods and systems for receiving and distributing currency. In particular, the present invention provides a novel apparatus for the inflow and outflow of a variety of currency. The systems of the present inventio are capable of recycling a variety of currency from multiple countries and multiple denominations. The systems of the present invention have the added advantage of compact size.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1931/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :06/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "A METHOD AND DISTRIBUTED RATING SYSTEM FOR DETERMINING RATING DATA IN A CHARGING SYSTEM"

(51) International classification	:H04L12/14
(31) Priority Document No	:0200648-4
(32) Priority Date	:28/02/2002
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE03/00148
Filing Date	:29/01/2003
(87) International Publication No	:WO 03/073693
	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)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL),
Address of Applicant :S-126 25 STOCKHOLM, SWEDEN, Sweden
(72)**Name of Inventor :**
1)STEFAN KARLSSON,

No of Pages : 20

No of Claims : 20

(57) Abstract :

A method and distributed rating system for determining rating data for services and subscribers in a communications network, wherein data associated with a service or subscriber is accessed (101), a rating request, including the accessed data is sent (103) to a distributed rating means (16, 19, 21) for distributed rating. Rating data are accessed and determined for the service or subscriber based on distributed data (19) protected against access from central rating means (14, 17, 20) and on received service data for transmission to the central rating means (14, 17, 20). Resulting rating data are received in the central rating means (14, 17, 20) and a rating value is determined for charging a subscriber based on the received rating data.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1933/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :06/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "METHOD AND APPARATUS FOR HANDLING USER IDENTITIES UNDER SINGLE SIGN-ON SERVICES"

(51) International classification	:G06F 21/00
(31) Priority Document No	:60/361,382
(32) Priority Date	:28/02/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SE2003/000341
Filing Date	:28/02/2003
(87) International Publication No	:WO/2003/073242
(61) 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 L M ERICSSON (PUBL)
Address of Applicant : S-126 25 STOCKHOLM, SWEDEN Sweden

(72)**Name of Inventor :**
1)LUIS BARRIGA,
2)AVELINA PARDO-BLAZQUEZ,
3)JOHN MICHAEL WALKER,
4)JESÚS-ANGEL DE GREGORIO,

No of Pages : 36

No of Claims : 15

(57) Abstract :

The invention provides a mechanism, in terms of means and method, for handling, provisioning and correlating a plurality of user"s identities for a user in an automated manner between a single sign-On authentication provider and a number of service providers where the user accesses. Therefore, after a successful authentication of a user"s authentication identity with the authentication provider, the authentication provider assigns an alias shared identity to the user, said alias shared identity being the uniquely exchanged identity between the authentication provider and the service provider to identify the user. The alias shared identity is linked at the authentication provider with the user"s authentication identity and with an identifier of the service provider where the user accesses. The alias shared identity is linked at the service provider with the user"s local identity which the user has for an account with the service provider.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1934/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :06/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "METHOD FOR THE PURIFICATON OF ACROLEIN"

(51) International classification	:C07C 319/18
(31) Priority Document No	:02/01686
(32) Priority Date	:12/02/2002
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2003/000454
Filing Date	:12/02/2003
(87) International Publication No	:WO/2003/068721
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ADISSEO FRANCE S.A.S.
Address of Applicant :42, AVENUE ARISTIDE BRIAND, 92160
ANTONY, FRANCE France
(72)**Name of Inventor :**
1)GEORGES GROS,
2)PATRICK REY,
3)MICHEL GARRAIT,

No of Pages : 27

No of Claims : 17

(57) Abstract :

The invention relates to a continuous method for the purification of acrolein, wherein: an aqueous acrolein solution is supplied, devoid of gas which is difficult to condense, in a distillation column fitted with at least one boiler at the base thereof and with at least one condenser at the head thereof; a mixture which essentially contains water is drawn off at the base of the distillation column; a mixture which essentially contains acrolein and water is drawn off at the head of the distillation column; the mixture drawn off from the head of the distillation column is cooled in the condenser to a temperature enabling an aqueous condensate to be obtained, in addition to a substantial amount of a gaseous mixture which is rich in acrolein; the purified acrolein is isolated in the gaseous mixture which is rich in acrolein.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1939/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :06/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "HYDROXAMIC ACID AND ITS DERIVATIVES AS INHIBITORS OF MELANOCYCLE TYROSINASE FOR TOPICAL SKIN LIGHTENERS"

(51) International classification	:A61K7/48
(31) Priority Document No	:60/344,464
(32) Priority Date	:28/12/2001
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US02/41071
Filing Date	:23/12/2002
(87) International Publication No	:WO 03/057184
	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)MEDIQUEST THERAPEUTICS, INC.
Address of Applicant :2800 MILAN COURT, BIRMINGHAM, AL
35211-6908, UNITED STATES OF AMERICA. U.S.A.
(72)**Name of Inventor :**
1)CHENG, LIN
2)DOOLEY, THOMAS P.

No of Pages : 58

No of Claims : 61

(57) Abstract :

Methods, compounds, and formulations are provided to reduce pigmentation in mammalian skin, comprising hydroxamic acid and its derivatives, and especially benzohydroxamic acid and its derivatives. The compounds preferably inhibit pigment synthesis in melanocytes through inhibition of melanocyte tyrosinase. The methods can be used for lightening skin, and for treating uneven skin complexions, which result from hyperpigmentation-related medical conditions such as melasma, age spots, freckles, ochronosis, and lentigo. The compounds can be used medically or cosmetically, and preferably as topical formulations.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1940/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :06/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "DUAL CHIEN SEARCH BLOCKS IN AN ERROR-CORRECTING DECODER"

(51) International classification	:H03M13/15
(31) Priority Document No	:10/055,076
(32) Priority Date	:23/01/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US03/01995
Filing Date	:22/01/2003
(87) International Publication No	:WO 03/063364
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)M/S THOMSON LICENSING S.A.

Address of Applicant :46, QUAI A. LE GALLO, 92648 BOULOGNE,
CEDEX (FR) France

(72)Name of Inventor :

1)LITWIN, JR., LOUIS, ROBERT

2)VERLEZ, DIDIER

No of Pages : 28

No of Claims : 19

(57) Abstract :

A decoder and decoding method in which a syndrome generator (410) calculates a syndrome vector from an erroneous codeword, an error location polynomial generator (420) calculates an error location polynomial from the syndrome vector, an error location generator (430) determines an error location from the error location polynomial, an error magnitude generator (440) calculates an error magnitude from the error location polynomial and a corrected codeword generator (450) corrects the codeword responsive to the error location and magnitude. In an intra-decoder block messaging scheme, one or more components (410, 420, 430, 440, 450) generate inactivity messages (640, 650) to signal an ability to process data corresponding to a next codeword. In a dual Chien search block (930, 940) implementation, a Chien block (930) is used to determine the number of errors in a specified code word, separately from the error location and magnitude calculations performed by a Chien-Forney block (940).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1957/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :08/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "METHOD AND TEST KIT FOR DEMONSTRATING GENETIC IDENTITY"

(51) International classification	:C12Q 1/68
(31) Priority Document No	:20020176
(32) Priority Date	:30/01/2002
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2003/000071
Filing Date	:29/01/2003
(87) International Publication No	:WO 2003/064686
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BOREAL PLANT BREEDING LTD.
Address of Applicant : MYLLYTIE 10, FIN-31600 JOKIOINEN,
FINLAND Finland
(72)**Name of Inventor :**
1)SCHULMAN, ALAN, HOWARD
2)PAULIN, LARS, GÖRAN

No of Pages : 60

No of Claims : 27

(57) Abstract :

Method and kit for demonstrating genetic identity, genetic diversity, genomic variations or polymorphisms, especially allelic variations, and also biodiversity within a defined population pool, with co-dominant scoring. The method and the test kit apply mobile elements (MEs), such as transposons or retrotransposons, and are based on the use of one or more sets of optionally paired or parallel oligonucleotides, which are attached to a solid support. Each oligonucleotide sequence represents an insertion site junction of a mobile element. The invention is also related to the use of the method and kit for phylogenetic studies, parenthood determinations, genotyping, haplotyping, pedigree analysis, forensic science, human medical diagnostics and in plant and animal breeding by demonstrating genetic identity, genetic diversity, genomic variation or polymorphism, and particularly providing co-dominant scoring.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1970/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :08/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : COATED CARBONACEOUS PARTICLES PARTICULARLY USEFUL AS ELECTRODE MATERIALS IN ELECTRICAL STORAGE CELL, AND METHODS OF MAKING THE SAME

(51) International classification	:C10C 3/10
(31) Priority Document No	:10/066080
(32) Priority Date	:31/01/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US03/02972
Filing Date	:31/01/2003
(87) International Publication No	:WO 03/064560
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CONOCOPHILLIPS COMPANY
Address of Applicant :600 NORTH DAIRY ASHFORD HOUSTON,
TX 77079, USA U.S.A.
(72)**Name of Inventor :**
1)MAO ZHENHUA
2)ROMINE H. ERNEST
3)CAREL MARK W.

No of Pages : 75

No of Claims : 74

(57) Abstract :

A process for the production of coated carbonaceous particles including: providing a carbon residue forming material; providing particles of a carbonaceous material; mixing the carbon residue forming material and the particles of a carbonaceous material at an elevated temperature; depositing a coating of the carbon residue forming material onto the surface of the particles; and stabilizing the coated particles by subjecting the particles to an oxidation reaction. These coated carbonaceous particles are particularly useful in the manufacture of electrodes in electrical storage cells, particularly in rechargeable electrical storage cells.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1972/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :09/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : USE O F MICRO-ORGANISMS FOR A DIRECTED DELIVERY OF SUBSTANCES TO SPECIFIC PARTS OF THE GUT

(51) International classification	:A61K 47/46
(31) Priority Document No	:01129563.1
(32) Priority Date	:11/12/2001
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP02/13244
Filing Date	:25/11/2002
(87) International Publication No	:WO 03/053474
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SOCIETE DES PRODUITS NESTLE S.A.
Address of Applicant :P.O. BOX 353, CH-1800 VEVEY,
SWITZERLAND Switzerland
(72)**Name of Inventor :**
1)CORTHESEY-THEULAZ IRENE
2)GERMANN JOHN BRUCE
3)PRIDMORE RAYMOND-DAVID
4)RENIERO ROBERTO
5)ZINK RALF

No of Pages : 19

No of Claims : 16

(57) Abstract :

The present invention pertains to the use of micro-organisms, in particular lactic acid bacteria as e.g. Lactobacilli and Bifidobacteria for delivering substances beneficial to the recipient to specific parts of its gastro-intestinal tract. In particular, the present invention relates to an ingestible carrier containing micro-organisms with such properties and to the use thereof for supporting the well-being of individuals or for the treatment and/or prophylaxis of diseases.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1973/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :09/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : COMPOSITION FOR PROMOTION OF BONE GROWTH AND MAINTENANCE OF BONE HEALTH

(51) International classification	:A23L 1/30	(71) Name of Applicant :
(31) Priority Document No	:01204838.5	1)SOCIETE DES PRODUITS NESTLE S.A.
(32) Priority Date	:11/12/2001	Address of Applicant :P.O. BOX 353, CH-1800 VEVEY
(33) Name of priority country	:EUROPEAN UNION	SWITZERLAND Switzerland
(86) International Application No	:PCT/EP02/14120	(72) Name of Inventor :
Filing Date	:10/12/2002	1)OFFORD CAVIN ELIZABETH
(87) International Publication No	:WO 03/053167	2)FEDERICI ERMANNO
(61) Patent of Addition to Application Number	:NA	3)LEMAURE BERNARD
Filing Date	:NA	4)COURTOIS DIDIER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 20

(57) Abstract :

The present invention relates to a composition for maintenance of bone health or prevention, alleviation and/or treatment of bone disorders. It also relates to the use of the composition in the manufacture of a nutritional product, a supplement, a treat or a medicament; and a method of promoting bone growth or for the maintenance of bone health, which comprises administering an effective amount of the composition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1974/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :09/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : FOOD OR PET FOOD COMPOSITION CONTAINING PLANT EXTRACT FOR BONE HEALTH

(51) International classification	:A23K1/14
(31) Priority Document No	:01204839.3
(32) Priority Date	:11/12/2001
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP02/13174
Filing Date	:10/12/2002
(87) International Publication No	:WO 03/053166
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SOCIETE DES PRODUITS NESTLE S.A.
Address of Applicant :P.O. BOX 353, CH-1800 VEVEY,
SWITZERLAND Switzerland
(72)**Name of Inventor :**
1)OFFORD CAVIN ELIZABETH
2)FEDERICI ERMANNO
3)LEMAURE BERNARD
4)COURTOIS DIDIER

No of Pages : 17

No of Claims : 20

(57) Abstract :

The present invention relates to a composition for maintenance of bone health or prevention, alleviation and/or treatment of bone disorders. It also relates to the use of the composition in the manufacture of a nutritional product, a supplement or a medicament; and a method of promoting bone growth or for the maintenance of bone health which comprises administering an effective amount of the composition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1976/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :09/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : FUEL SUPPLY SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02M23/12
(31) Priority Document No :PR9832
(32) Priority Date :04/01/2002
(33) Name of priority country :Australia
(86) International Application No :PCT/AU03/00005
Filing Date :03/01/2003
(87) International Publication No :WO 03/056165
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WAYNE KENNETH GLEW
Address of Applicant :1004 CHAPMAN ROAD, GLENFIELD VIA
GERALDTON, WESTERN AUSTRALIA 6532, AUSTRALIA
FORMERLY OF 856 CHAPMAN ROAD, GLENFIELD VIA
GERALDTON, WESTERN AUSTRALIAN 6532, AUSTRALIA Australia
(72)**Name of Inventor :**
1)WAYNE KENNETH GLEW

No of Pages : 15

No of Claims : 18

(57) Abstract :

A fuel supply system (10) for an internal combustion engine includes a housing (12) defining a chamber (14) and provided with an inlet opening (16) upstream of the chamber (14) and an outlet opening (18) downstream of the chamber (14). The fuel injector (20) sprays a fuel mist into the chamber (14). A heater (22) heats air flowing into the chamber (14) via inlet (16) to a temperature of between 110 DEG C-260 DEG C. Pressure within the chamber (14) is also negative relative to ambient pressure. The fuel sprayed into the chamber (14) via the fuel injector (20) is thermally cracked so that a mixture of thermally cracked fuel and heated air flows out from the outlet (18) for combustion in combustion chambers of the engine.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1977/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :09/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : HIGH TEMPERATURE RESISTANT VITREOUS INORGANIC FIBER

(51) International classification	:C03C13/00	(71) Name of Applicant :
(31) Priority Document No	:60/347,590	1)UNIFRAX CORPORATION
(32) Priority Date	:10/01/2002	Address of Applicant :2351 WHIRLPOOL STREET, NIAGARA
(33) Name of priority country	:U.S.A.	FALLS, NEW YORK 14305-2413, USA U.S.A.
(86) International Application No	:PCT/US03/00860	(72) Name of Inventor :
Filing Date	:10/01/2003	1)ZOITOS BRUCE K
(87) International Publication No	:WO 03/060016	2)ANDREJCAK MICHAEL J
(61) Patent of Addition to Application Number	:NA	3)TRAVIS TERRY N
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 25

(57) Abstract :

A low shrinkage, high temperature resistant vitreous inorganic fiber having a use temperature up to at least 1330° C, which maintains mechanical integrity after exposure to the use temperature and which is non-durable in physiological fluids, is prepared by the method of forming a melt with ingredients including greater than 71.25 weight percent silica, 0 to about 20 weight percent magnesia, and about 5 to about 28.55 weight percent of calcia, 0 to about 5 weight percent zirconia, and optionally a viscosity modifier in an amount effective to render the product fiberizable and producing fibers from the melt.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1980/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :09/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "AQUEOUS DISPERSIONS OF POLYMER PARTICLES"

(51) International classification	:C07C 329/16
(31) Priority Document No	:PR 9708
(32) Priority Date	:21/12/2001
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2002/001735
Filing Date	:20/12/2002
(87) International Publication No	:WO/2003/055919
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNIVERSITY OF SYDNEY

Address of Applicant :SYDNEY, NEW SOUTH WALES 2000,
AUSTRALIA Australia

(72)Name of Inventor :

1)SUCH, CHRISTOPHER HENRY

2)RIZZARDO, EZIO

3)SERELIS, ALGIRDAS KAZIMIERAS

4)HAWKETT, BRIAN STANLEY

5)GILBERT, ROBERT GOULSTON

6)FERGUSON, CHRISTOPHER JAMES

7)HUGHES, ROBERT JOHN

No of Pages : 87

No of Claims : 15

(57) Abstract :

The invention provides a method for preparing an aqueous dispersion of polymer particles comprising the following steps: (i) preparing a dispersion having a continuous aqueous phase, a dispersed organic phase comprising one or more ethylenically unsaturated monomers, and an amphiphilic RAFT agent as a stabiliser for said organic phase, and (ii) polymerising said one or more ethylenically unsaturated monomers under the control of said amphiphilic RAFT agent to form said aqueous dispersion of polymer particles, novel amphiphilic RAFT agents for use in this method, novel RAFT agents useful in making these amphiphilic RAFT agents and methods for their manufacture.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2010/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :13/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "CRYSTALLINE SOLIDS OF CARVEDILOL AND PROCESSES FOR THEIR PREPARATION"

(51) International classification	:A61B 6/00	(71) Name of Applicant :
(31) Priority Document No	:60/349,310	1)TEVA PHARMACEUTICAL INDUSTRIES LTD.
(32) Priority Date	:15/01/2002	Address of Applicant :5 BASEL STREET, P.O. BOX 3190, PETAH
(33) Name of priority country	:U.S.A.	TIQVA 49131, ISRAEL. Israel
(86) International Application No	:PCT/US02/01137	(72) Name of Inventor :
Filing Date	:15/01/2003	1)ILAN KOR
(87) International Publication No	:WO 03/059807	2)SHLOMIT WIZEL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 27

(57) Abstract :

This invention relates to a novel crystalline solid of carvedilol or a solvate thereof, to processes for its preparation, to compositions containing it and to its use in medicine. This invention further relates to a novel process for preparing a crystalline solid of carvedilol Form II.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2011/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :13/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "RE-ORIENTATABLE SAMPLE HOLDER"

(51) International classification	:A61C 13/00 (
(31) Priority Document No	:0201362.1
(32) Priority Date	:22/01/2002
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB03/00251
Filing Date	:22/01/2003
(87) International Publication No	:WO 03/062740
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)RENISHAW PLC

Address of Applicant :NEW MILLS, WOTTON-UNDER-EDGE,
GLOUCESTERSHIRE GL12 8JR., GREAT BRITAIN. U.K.

(72)**Name of Inventor :**

1)DAVID ROBERTS McMURTRY

No of Pages : 19

No of Claims : 9

(57) Abstract :

A device is disclosed having a base (2), and a re-orientatable sample holder (4) adapted on at least first and second sides to be repeatably (perhaps kinematically) mounted to the base (2) wherein the relationship between the at least two surfaces when mounted on the base is known whereby when a sample (13) is mounted to the holder, the relationship between the different orientations of the sample when different surfaces of the holder are received on the base is known. The relationship between the at least two surfaces may be established by reference features on the sample holder (4) which provide positional information about the holder when received on a base. The reference features may be provided by a reference block, spheres or rods associated with the holder. Also disclosed is a device for and methods of operating on, for example scanning or machining, a sample in at least two stages using a base and re-orientable sample holder according to the invention.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2013/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :13/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "STARCH DERIVATIVES, STARCH ACTIVE SUBSTANCE CONJUGATES, METHOD FOR THE PRODUCTION THEREOF AND THEIR USE AS MEDICAMENTS"

(51) International classification	:A61K 47/48
(31) Priority Document No	:102 07 072.5
(32) Priority Date	:20/02/2002
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP03/01716
Filing Date	:20/02/2003
(87) International Publication No	:WO 03/070772
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FRESENIUS KABI DEUTSCHLAND GMBH
Address of Applicant :ELSE-KRÖNER-STRASSE 1, 61352 BAD
HOMBURG V.D.H., GERMANY. Germany

(72)**Name of Inventor :**
1)KLAUS SOMMERMEYER
2)NORBERT ZANDER
3)RONALD CONRADT
4)HARALD CONRADT

No of Pages : 22

No of Claims : 31

(57) Abstract :

The invention relates to starch derivatives of formula (I), in which: X represents a bromine or iodine atom; R" represents a straight-chain or branched alkyl group, aryl group or aralkyl group, and; R-CO- represents an oxidized substituted or unsubstituted starch radical that is oxidized on the reducing terminal group to form a carboxylic acid. Starch derivatives of formula (I) can selectively couple to active substances containing SH groups and have a prolonged half-life period in the human body. The invention also relates to coupling products of compound (I) with active substances, to methods for the production thereof, and to their use as medicaments.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2056/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :16/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "METAL COMPLEXES FOR USE IN METATHESIS"

(51) International classification	:C07F19/00	(71) Name of Applicant :
(31) Priority Document No	:02075250.7	1)UNIVERSITEIT GENT,
(32) Priority Date	:22/01/2002	Address of Applicant :ST. PIETERSNIEUWSTRAAT 25, B-9000
(33) Name of priority country	:EUROPEAN UNION	GENT, BELGIUM, Belgium
(86) International Application No	:PCT/BE03/00008	(72) Name of Inventor :
Filing Date	:22/01/2003	1)FRANCIS WALTER CORNELIUS VERPOORT,
(87) International Publication No	:WO 03/062253	2)BOB DE CLERCQ,
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 77

No of Claims : 90

(57) Abstract :

This invention relates to metal complexes which are useful as catalyst components in olefin metathesis reactions, atom or group transfer radical polymerisation or addition reactions and vinylation reactions. It also relates, preferably with respect to a sub-class of said metal complexes, to their use as a component of a catalytic system for the polymerisation of α -olefins, and optionally conjugated dienes, with high activity at moderate temperatures. It also relates to obtaining polymers with extremely narrow molecular weight distribution by means of a living polymerisation reaction. It also relates to methods for making said metal complexes and to novel intermediates involved in such methods. It further relates to certain derivatives of the said metal complexes which are suitable for covalent bonding to a carrier, the product of such covalent bonding being useful as a supported catalyst for heterogeneous catalytic reactions. It also relates to the direct one-step synthesis of pyrrole, furan and thiophene compounds from diallyl compounds. Finally, the invention relates to dendrimeric materials comprising metal complexes attached to a core molecule which are catalysts removable from a reaction mixture by ultrafiltration.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2101/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :21/07/2004

(43) Publication Date : 11/05/2007

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

(51) International classification	:H04L12/18	(71)Name of Applicant :
(31) Priority Document No	:02290253.0	1)IMAGINE BROADBAND LIMITED
(32) Priority Date	:04/02/2002	Address of Applicant :CARMELITE, 50 VICTORIA EMBANKMENT
(33) Name of priority country	:EUROPEAN UNION	BLACKFRIARS, LONDON EC4Y ODX, UK U.K.
(86) International Application No	:PCT/GB03/00489	(72)Name of Inventor :
Filing Date	:04/02/2003	1)CRICHTON DANIEL
(87) International Publication No	:WO 03/067845	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 66

No of Claims : 34

(57) Abstract :

A media transmission system and method for the transmission of a desired one of a plurality of broadcast media channels to a remote client over a data connection is disclosed. The system includes means for routing data for a first one of the broadcast media channels over the data connection to the remote client and means for routing data for an alternate one of the channels over the data connection following receipt of a channel change request from a user this allows efficient use of a limited bandwidth data connection.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2110/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :21/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : DRIVE ARRANGEMENT FOR A STRIP OF CUVETTES IN AN ANALYTICAL DEVICE

(51) International classification	:G01N35/02
(31) Priority Document No	:02/01236
(32) Priority Date	:01/02/2002
(33) Name of priority country	:France
(86) International Application No	:PCT/FR03/00256
Filing Date	:28/01/2003
(87) International Publication No	:WO 03/065048
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)STAGO INSTRUMENTS
Address of Applicant :125 AVENUE LOUIS ROCHE, F-92230,
GENNEVILLIERS, FRANCE France

(72)**Name of Inventor :**
1)ALAIN ROUSSEAU
2)KHALED ABOU SALEH
3)PATRICK PERIN
4)PHILIPPE POUTREL

No of Pages : 8

No of Claims : 13

(57) Abstract :

The invention relates to a drive arrangement for a series of cuvettes (C) forming a strip (2) fixed by means of a film (3) in an automatic analytical device (1), comprising at least one toothed belt (12), the teeth of which engage with the corresponding forms of the cuvettes. The above finds application in an automatic analytical device, particularly for the determination of the rate of change of the physical state of a medium.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2112/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :21/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "DEVICE FOR THE AUTOMATED ANALYSIS OF A LIQUID SAMPLE"

(51) International classification :G01N35/02
(31) Priority Document No :02/01237
(32) Priority Date :01/02/2002
(33) Name of priority country :France
(86) International Application No :PCT/FR03/00253
Filing Date :28/01/2003
(87) International Publication No :WO 03/065047
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)STAGO INSTRUMENTS,
Address of Applicant :125 AVENUE LOUIS ROCHE, F-92230
GENNEVILLIERS, FRANCE, France
(72)**Name of Inventor :**
1)ALAIN ROUSSEAU,
2)KHALED ABOU SALEH,
3)PATRICK PERIN,
4)PHILIPPE POUTREL,

No of Pages : 9

No of Claims : 16

(57) Abstract :

The invention relates to a device comprising a series of single-use cuvettes (C), each with a base, an upper face opposite said base with an opening and two opposing flanges (R1, R2) which each extend from the cuvette essentially in the plane of the opening. Said cuvettes are arranged side by side and fixed to each other by means of a flexible film (3) fixed to said flanges (R1, R2) and at least partially covering the openings of said cuvettes (C). Said film is provided with a series of openings (4) respectively arranged to the right of said openings on said cuvettes. The above finds application in an automatic analytical apparatus, particularly for the determination of the rate of change of the physical state of a medium.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2124/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :22/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD FOR CONTROLLING THE BILLING OF A BROADCAST SERVICE BY UNITS OF TIME

(51) International classification	:H04N 7/167
(31) Priority Document No	:0265/02
(32) Priority Date	:15/02/2002
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/IB03/00427
Filing Date	:07/02/2003
(87) International Publication No	:WO 03/06910
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NAGRACARD S.A.
Address of Applicant :22 ROUTE DE GENEVE, CH-1033
CHESEAUX-SUR-LAUSANNE, SWITZERLAND Switzerland

(72)**Name of Inventor :**
1)JIMMY COCHARD
2)HENRI KUDELSKI
3)MARCO SASSELLI

No of Pages : 13

No of Claims : 10

(57) Abstract :

The objective of the present invention is to propose an accounting method of the consumption of transmitted services per time unit to a decoder in a system implementing a content encrypted by control words,, the latter being modified according to a period named crypto-period. This method consists in verifying if the time-current (TC) is comprised in a time variable (Rdate) representative of the authorisation time of use of the service and, if this is the case, decrypting and returning the control words to the decoder, and if it is not the case, debiting and an amount (CT) corresponding to a time of use (AT) and recharging the time variable (Rdate) with a corresponding time.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2153/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :26/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : COMPOSITIONS AND METHODS FOR MODULATING CONNEXIN HEMICHANNELS

(51) International classification :A61K 38/08

(31) Priority Document No :60/352,717

(32) Priority Date :29/01/2002

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

(86) International Application No :PCT/DK03/00056

Filing Date :29/01/2003

(87) International Publication No :WO 03/063891

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)WYETH

Address of Applicant :FIVE FIRALDA FARMS, MADISON, NEW JERSEY 07940, USA U.S.A.

(72)Name of Inventor :

1)JORGEN SODBERG PETERSON

2)SOREN NEVE

3)MORTEN SCHAK NIELSEN

4)EDDI MEIER

5)EVE STEINESS

6)PETER HOLME JENSEN

7)BJARNE DUE LARSEN

8)LARS BO LAURENBORG HANSEN

No of Pages : 75

No of Claims : 46

(57) Abstract :

Disclosed are compositions and methods for modulating hemichannel function in a cell, tissue or organ. The invention also relates to useful screens for detecting such compounds, particularly those capable of modulating connexin phosphorylation. Further provided are therapeutic mehtods for preventing or treating conditions impacted by undesired hemichannel function in a mammal such as heart arrhythmia.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2177/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :21/03/2007

(43) Publication Date : 11/05/2007

(54) Title of the invention : "ORGAN FIXING EQUIPMENT AND ORGAN FIXING EQUIPMENT SET"

(51) International classification	:A61B 17/04
(31) Priority Document No	:2004-294258
(32) Priority Date	:06/10/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/EP2004/010774
Filing Date	:06/10/2005
(87) International Publication No	:WO 2006/037639
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SHERWOOD SERVICES AG
Address of Applicant :POSTFACH 1571 BANHOFSTRASSE 29, 8201
SCHAFFHAUSEN, SWITZERLAND Switzerland
(72)**Name of Inventor :**
1)HITOSHI MARUCHI AND NORIFUMI FUJIWARA

No of Pages : 35

No of Claims : 7

(57) Abstract :

An organ fixing equipment (10) is constituted of a securing part (11) formed by bundling a suturing thread into a bar, and a fixing part (12) composed of the suturing thread forming the securing part (11) and a continuous suturing thread. By pulling the fixing part (12) relative to the securing part (11) with a force of not less than a predetermined magnitude, moreover, the suturing thread forming the securing part (11) can be unraveled. A set of organ fixing equipment is provided with an insertion equipment (20), for inserting the organ fixing equipment and taking-out equipment (30) for taking out the organ fixing equipment (10) from the patient body.

(54) Title of the invention : "CONNECTION STRUCTURE OF TRANSFUSION LINE AND CONNECTOR HAVING CONNECTION STRUCTURE"

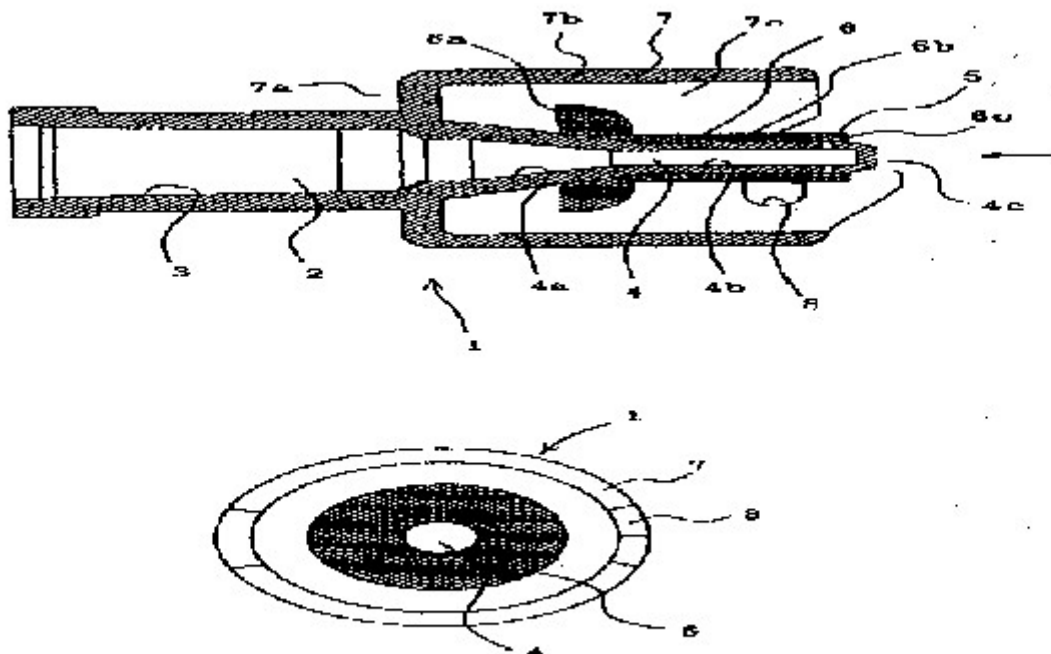
(51) International classification	:A61M 39/04	(71)Name of Applicant :
(31) Priority Document No	:2004-294257	1)SHERWOOD SERVICES AG
(32) Priority Date	:06/10/2004	Address of Applicant :POSTFACH 1571 BANHOFSTRASSE 29, 8201
(33) Name of priority country	:Japan	SCHAFFHAUSEN, SWITZERLAND Switzerland
(86) International Application No	:PCT/EP2005/010773	(72)Name of Inventor :
Filing Date	:06/10/2005	1)SUSUMU MIYASAKA
(87) International Publication No	:WO 2006/037638	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 8

(57) Abstract :

To provide a connection structure of a transfusion line capable of maintaining the vicinity of an opening always in a clean state the connection structure of the transfusion line for passing a medical liquid therethrough comprises: an injection tube 2 including a bottomed tubular injection part 4 having an opening 5 in the leading end side circumferential wall, and an introduction part 3 communicating with the inside of the injection part 4; a bottomed outer tube part 7 having a bottom portion 7a linked to the injection tube part 4 and opened to the leading end side for fitting a mating member 20 therein; and a protective shutter 6 externally inserted on the injection part 4 for closing the opening 5 and adapted to move along the axis of the injection part 2, when it receives a pressing force not lower than a predetermined level toward the base portion side, thereby to open the opening 5, and to return to the leading end side, when the pressing force is released, thereby to close the opening 5.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2230/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :26/05/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : GUARD MECHANISM ATTACHABLE TO STANDARD SYRINGE TO TRANSFORM IT INTO A SAFETY SYRINGE

(51) International classification	:A61M 5/32
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IT2002/000730
Filing Date	:18/11/2002
(87) International Publication No	:WO 2004/045685
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RESTELLI SERGIO

Address of Applicant :VIA QUARTO PEPERLINO, 333 B, I-00100
ROMA-ITALY Italy

2)RIGHI NARDINO

3)RIGHI NARDINO

4)ROSSI ROBERTO

5)ROSSI ROBERTO

(72)Name of Inventor :

1)RESTELLI SERGIO

2)RIGHI NARDINO

3)ROSSI ROBERTO

No of Pages : 15

No of Claims : 18

(57) Abstract :

In a syringe (100) comprising a syringe body (1) hollow on the inside, a plunger (4) slidable in the syringe body (1) and provided at the rear with a shaft (41) that can be operated manually, an injection needle (2) engageable to the front end (13) of the syringe body (1) by means of a needle-carrier (20), there is attached a guard mechanism (200) comprising a sleeve (5), a spring (7) and a abutment member (8) for the spring. The abutment member (8) is mounted in the head of the syringe and the spring (7) is disposed between the sleeve (5) and the abutment member (8). The sleeve (5) can pass from a retracted position of use, wherein the needle (2) protrudes forward therefrom to a forward position of safety, wherein it covers the needle.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2251/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :02/08/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : "ADMINISTRATION FORM FOR THE ORAL APPLICATION OF 3-[(2-{[4-(HEXYLOXYCARBONYLAMINO-IMINO-METHYL)-PHENYLAMINO]-METHYL}-1-METHYL-1H-BENZIMIDAZOL-5-CARBONYL)-PYRIDIN-2-YL-AMINO]-PROPIONIC ACID ETHYL ESTER AND THE SALTS THEREOF"

(51) International classification :A61K 31/4439
(31) Priority Document No :102 09 985.5
(32) Priority Date :07/03/2002
(33) Name of priority country :Germany
(86) International Application No :PCT/EP03/02141
Filing Date :03/03/2003
(87) International Publication No :WO 03/074056
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG.
Address of Applicant :BINGER STRASSE 173, D-55216 INGELHEIM
AN RHEIN, GERMANY. Germany
(72)**Name of Inventor :**
1)ULRICH BRAUNS
2)NORBERT HAUEL

No of Pages : 20

No of Claims : 15

(57) Abstract :

The invention relates to a new administration form for the oral application of the active substance ethyl 3-[(2-{[4-(hexyloxy carbonylamino-imino-methyl)-phenylamino]-methyl}-1-methyl-1H-benzimidazole-5-carbonyl)-pyridin-2-yl-amino]-propionate and the pharmacologically acceptable salts thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2301/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :31/05/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : "CRYSTAL STRUCTURE OF PHOSPHODIESTERASE 5 AND USE THEREOF"

(51) International classification	:C12N 9/16
(31) Priority Document No	:0126417.5
(32) Priority Date	:02/11/2001
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB02/04426
Filing Date	:24/10/2002
(87) International Publication No	:WO 03/038080
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:01102/DELNP/2004
Filed on	:24/04/2004

(71)Name of Applicant :

1)PFIZER INC

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

(72)Name of Inventor :

1)DAVID GRAHAM BROWN

2)COLIN ROGER GROOM

3)ANDREW LEE HOPKINS

4)TIMOTHY MARK JENKINS

5)SARAH HELEN KAMP

6)MARGARET MARY O'GARA

7)HEATHER JOHN RINGROSE

8)COLIN MARK ROBINSON

9)WENDY ELAINE TAYLOR

No of Pages : 420

No of Claims : 40

(57) Abstract :

The present invention relates to the crystal structures of a phosphodiesterase, 5 (PDE5) and PDE5/PDE5 ligand complex and their uses in identifying PDE5 ligands, including PDE5 inhibitor compounds. The present invention also relates to methods of identifying such PDE5 inhibitor compounds and their medical use. Also contemplated by the present invention are crystals Q1PJDE5/EDE5 inhibitor complexes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3391/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :29/07/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : "USE OF INSULATING MATERIAL OFF-CUTS FOR FIRE RATED DOOR AND STRUCTURES"

(51) International classification	:E04B 1/94	(71) Name of Applicant :
(31) Priority Document No	:200300775-4	1)MALAYSIA WOODWORKING (PTE) LTD.
(32) Priority Date	:25/02/2003	Address of Applicant :18 KRANJI LOOP, SINGAPORE 739552,
(33) Name of priority country	:Singapore	SINGAPORE Singapore
(86) International Application No	:PCT/SG2003/000280	(72) Name of Inventor :
Filing Date	:02/12/2003	1)YONG TOONG CHUAN
(87) International Publication No	:WO 2004/076767	2)YONG TONG HWA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 20

(57) Abstract :

A new method of arranging insulating material in fire resistant structures such as doors, panels, walls and partitions is described, together with a method of fabricating a fire door according to the present invention. The present invention advantageously allows cut-offs of insulating material to be used while requiring less insulating material to meet desired fire resistance ratings. As such, the present invention reduces cost of manufacturing fire resistant structures without compromising on the protection offered by such structures. In particular, the present invention teaches the fabrication of a fire door using cut-offs of insulating materials.

(54) Title of the invention : "NOVEL PIPERIDINE DERIVATIVES"

(51) International classification :C07D 211/46
 (31) Priority Document No :60/397,108
 (32) Priority Date :18/07/2002
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/IB2003/002876
 Filing Date :07/07/2003
 (87) International Publication No :WO 2004/009550
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

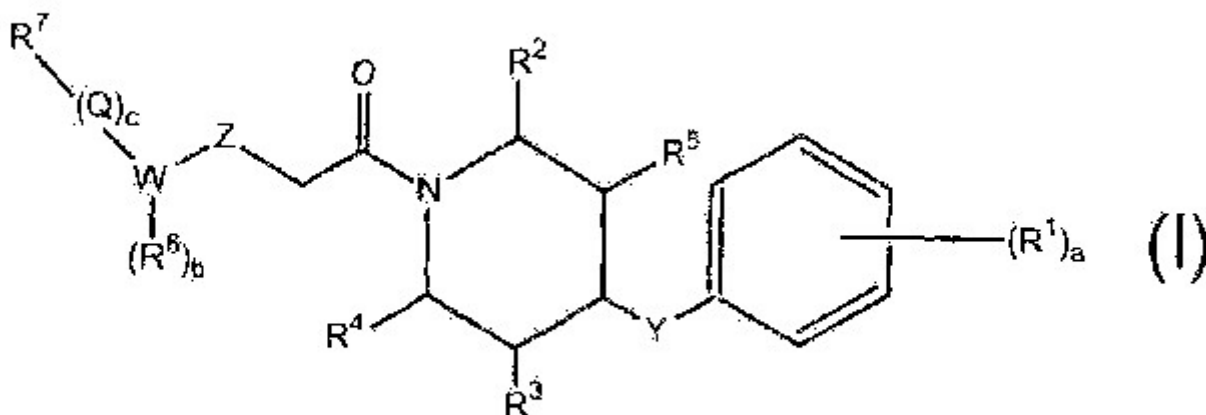
(71)Name of Applicant :
1)PFIZER PRODUCTS INC
 Address of Applicant :EASTERN POINT ROAD,
 GROTON,CONNECTICUT 06340,USA U.S.A.
 (72)Name of Inventor :
1)LAURA COOK BLUMBERG
2)MATTHEW FRANK BROWN
3)MATTHEW MERRILL HAYWARD
4)CHRISTOPHER STANLEY POSS

No of Pages : 57

No of Claims : 30

(57) Abstract :

A compound of the formula (1) wherein a, b, c R¹, R², R³, R⁴, R⁵, R⁶, R⁷, Q, W, Y, and Z are defined as above . useful as potent and selective inhibitors of MIP-1 α (CCL3) binding to its receptor CCR1 found on inflammatory and immunomodulatory cells (preferably leukocytes and lymphocytes).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.514/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :28/03/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR THE MANUFACTURE OF DENSE NEODYMIUM STABILISED B-SILICON NITRIDE-C-SIALON COMPOSITE.

(51) International classification	:C04B 35/14	(71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH Address of Applicant :RAFI MARG,NEW DELHI-110 001,INDIA. Delhi India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : 1)SIDHARTHA BANDYOPADHYAY 2)HIMADRI SEKHAR MAITI
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 8

(57) Abstract :

The present invention provides a process for the manufacture of dense neodymium stabilised β -Si₃N₄ - α -SiAlON composite, wherein a synergistic composition essentially consisting of Si₃N₄, Al₂O₃, AlN, SiO₂ and Nd₂O₃ as starting materials is mixed in proportion to make a total of 100 mole in the mixed batch, passing the powder through 100 mesh, pressing the powder to form green compacts, sintering the green compacts at a temperature in the range of 1700° to 1900°C in nitrogen atmosphere. The process of the present invention provides neodymium stabilised p-Si₃N₄ - α -SiAlON composites by processing a composition from the system Si₃N₄ - Al₂O₃.AlN - Nd₂O₃.9AlN - SiO₂ resulting into dense product of the order of > 98% theoretical density with the advantages such as cost effectiveness, high hardness and high fracture toughness. The produced dense β -Si₃N₄ - α -SiAlON will be useful for low temperature applications such as wear parts like bearing and roller materials and particularly for grinding and milling operations like grinding balls.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.583/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :08/03/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF HYDROTALCITE AND BRUCITE TYPE POSITE CHARGED LAYERS

(51) International classification	:BOIJ20/00	(71)Name of Applicant :
(31) Priority Document No	:PCT/IB02/05722	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:23/12/2002	Address of Applicant :Rafi Marg, New Delhi-110001 New Delhi-
(33) Name of priority country	:India	110001 New Delhi-110001 Delhi India
(86) International Application No	:PCT/IB02/05722	(72)Name of Inventor :
Filing Date	:23/12/2002	1)PRVINCHANDRA MAHASUKHRAY OZA
(87) International Publication No	: NA	2)SATISHBHAI HARIRAY MEHTA
(61) Patent of Addition to Application Number	:NA	3)MURNALBEN VINODRAY SHETH
Filing Date	:NA	4)PUSHPITO KUMAR GHOSH
(62) Divisional to Application Number	:NA	5)MAHESH RAMNIKLAL GANDHI
Filing Date	:NA	6)JATIN RAMESHCHANRA CHUNAWALA

No of Pages : 22

No of Claims : 26

(57) Abstract :

An improved process is described for the preparation of surface modified hydrotalcite. The process comprises reacting a precursor of magnesium and aluminium in the presence of suitable alkali carbonate at high temperature. The product has a BET surface area of ≤ 20 m²/gm and average particle size of ≤ 0.5 μ m and is useful as halogen scavenger and fire retardant.

(54) Title of the invention : "AUTOMATED BANKING MACHINE AND SYSTEM"

(51) International classification :G06F 17/60 (31) Priority Document No :60/091,887 (32) Priority Date :07/07/1998 (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 :617/DEL/1999 Filed on :21/04/1999	(71)Name of Applicant : 1)DOEBOLD INCORPORATED Address of Applicant :5995 MAYFAIR ROAD, NORTH CANTON, OHIO 44720, USA. U.S.A. (72)Name of Inventor : 1)JAY PAUL DRUMMOND 2)DALE BLACKSON 3)LILEI CHEN 4)BOB A. CICHON 5)MARK S. COVERT 6)BRADRIK Q. LEPPER 7)MARK A. MOALES 8)MARK D. SMITH 9)JOSEPH C. ESS 10)DAVID W. WEIS 11)BRUCE G. RICHARDS 12)ROBERT J. LEMLEY 13)MICHAEL E. CALIFF, JR. 14)SHAWN D. JOYCE 15)PHILLIP S. MOORE 16)STEVEN C. SWINGLER 17)ROBERT E. USNER 18)GLENDA GRISWOLD 19)OMAR EL-KAISSI 20)JAMES CHURCH

No of Pages : 95

No of Claims : 10

(57) Abstract :

An automated banking machine (12) is operative to conduct transactions in response to HTML documents and TCP/IP messages exchanged with a local computer system (14) through an intranet (16), as well as in response to messages exchanged with foreign servers (20, 22, 24, 26, 28, 96) in a wide area network (18). The banking machine includes a computer (34) having an HTML document handling portion (76, 80, 82). The HTML document handling portion is operative to communicate through a proxy server (88), with a home HTTP server (90) in the intranet or the foreign servers in the wide area network. The computer further includes a device application portion (84) which interfaces with the HTML document handling portion and dispatches messages to operate devices (36) in the automated banking machine. The devices include a sheet dispenser mechanism (42) which dispenses currency as well as other transaction devices. The device application portion communicates with a device interfacing software portion (64) in the banking machine through a device server (92) in the intranet. The device server maintains local control over the devices in the banking machine including the sheet dispenser. The banking machine operates to read indicia on the user's card corresponding to a system address. The computer is operative to connect the banking machine to the home or foreign server corresponding to the system address, which connected server operates the banking machine until the completion of transactions by the user.

(54) Title of the invention : "A RAIL VEHICLE"

(51) International classification	:B61D 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:47/DEL/2002
Filed on	:25/01/2002

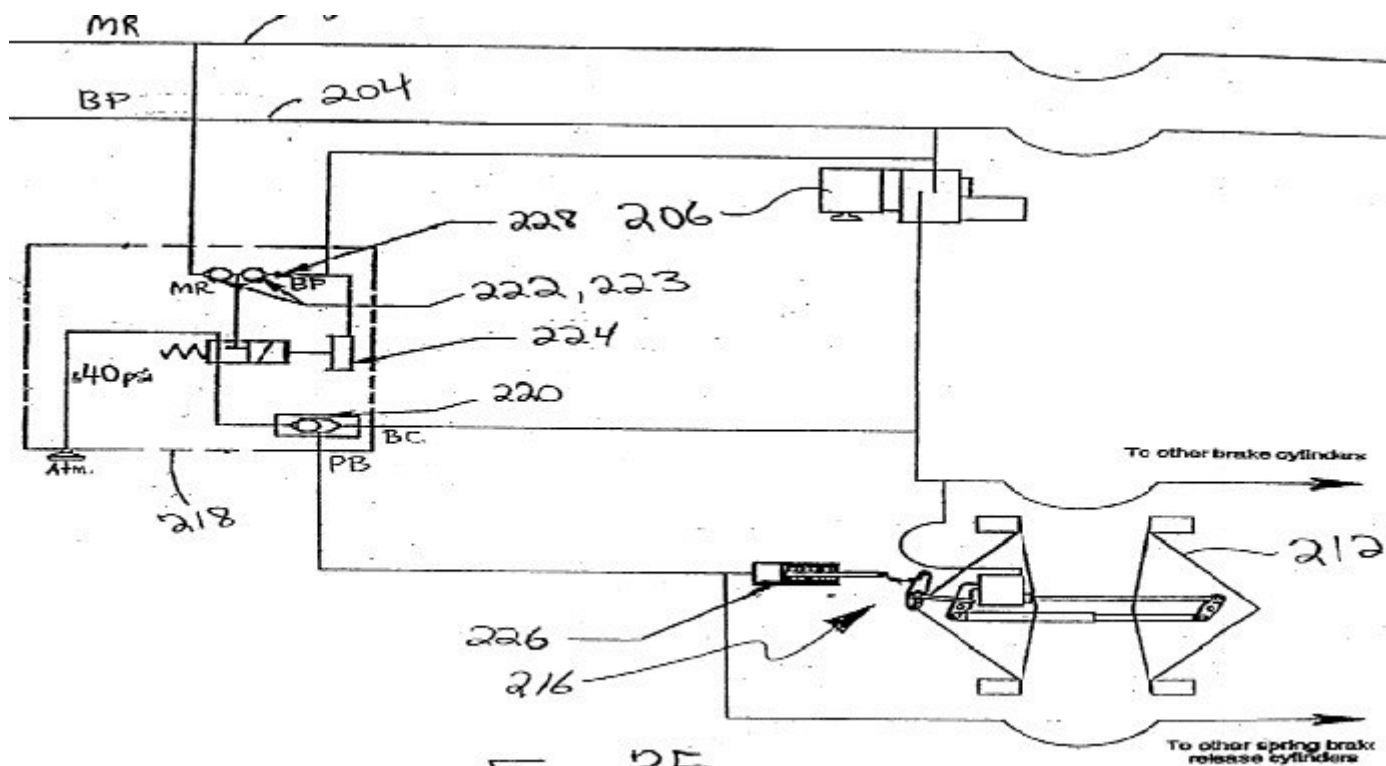
(71)Name of Applicant :
1)WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION.
 Address of Applicant :1001,AIR BRAKE AVENUE,
 WILMERDING,PENNSYLVANIA 15148,U.S.A. U.S.A.
 (72)Name of Inventor :
1)THOMAS ENGLE

No of Pages : 47

No of Claims : 11

(57) Abstract :

The present invention concerns a rail vehicle having a car body and at least one wheel truck, the wheel truck having a bolster rotatably mounted to the car body, a plurality of wheels which engage a railed track such that the bolster rotates as the rail vehicle makes a turn, and a brake shoe for frictionally engaging at least one of said plurality of wheels, a parking brake comprising an application rod having a first end operably connected to the brake shoe and a second operably connected to a first portion of an application lever; a first pneumatic valve connected to a second portion of the application lever, such that operation of the pneumatic valve engages the brake shoe to said at least one car wheel; and means for compensating a position of the application lever as the bolster rotates.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.922/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :12/04/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : "IMPROVED CATALYST FOR THE MANUFACTURE OF ACRYLONITRILE AND HYDROGEN CYANIDE"

(51) International classification :B01J 23/881

(31) Priority Document No :08/923,878

(32) Priority Date :02/09/1997

(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 :2453/DEL/1998

Filed on :20/08/1998

(71)Name of Applicant :

1)THE STANDARD OIL COMPANY

Address of Applicant :200 PUBLIC SQUARE 39-G, CLEVELAND,
OHIO 44114-2375, U.S.A. U.S.A.

(72)Name of Inventor :

1)DEV DHANARAJ SURESH

2)CHRISTOS PAPARIZOS

3)MICHAEL J. SEELY

4)MARIA STRADA FRIEDRICH

5)TAMA LEE DRENSKI

No of Pages : 10

No of Claims : 19

(57) Abstract :

A catalyst composition comprising a complex of catalytic oxides of iron, bismuth, molybdenum and calcium and characterized by the following empirical formula: where A = one or more of Li, Na, K, Rb and Cs or mixtures thereof B = one or more of Mg, Mn, Ni, Co, Ag, Pb, Re, Cd and Zn or mixtures thereof C = one or more of Ce, Cr, Al, Sb, P, Ge, La, Sn, V and W or mixtures thereof D = one or more of Ca, Sr, Ba or mixtures thereof and a = 0.01 to 1.0; b and e = 1.0 - 10; c, d, and f = 0.1 to 5.0 and x is a number determined by the valence requirements of the other elements present.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.998/DEL/2005 A

(19) INDIA

(22) Date of filing of Application :20/04/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : "A METHOD FOR FACILITATING PREPAYMENT FOR COMMUNICATION SERVICES"

(51) International classification	:G06F 17/60
(31) Priority Document No	:08/747,424
(32) Priority Date	:12/11/1996
(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	:3188/DEL/1997
Filed on	:06/11/1997

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
Address of Applicant :S-126 25 STOCKHOLM, SWEDEN. Sweden
(72)**Name of Inventor :**
1)ULF LESLEY

No of Pages : 32

No of Claims : 20

(57) Abstract :

Instead of requiring a customer to carry around one or more prepaid telephone calling cards (such cards are effectively functioning as limited, .fixed amounts of money) a communications network-based solution is provided that facilitates both prepayment and use of prepay telecommunications services. A subscriber is assigned a record in a network database. The database record includes an account number and an associated prepaid monetary value. Then when the subscriber calls from a prepaid telecommunications terminal (e.g., a public telephone), requesting a telecommunications service (e.g., a long distance telephone call), the communications network processes the request by analyzing the subscriber database record. If the prepaid monetary value in the subscriber's record is sufficient for the requested service, the service is authorized. The prepaid monetary value in the subscriber's record is decreased in accordance with the service rendered. Accordingly a subscriber does not need to purchase any prepaid calling card, remember to carry the prepaid calling card, or remember the amount stored on the calling card. Rather, prepaid calling services are obtained simply by subscribing to the network prepayment service! The subscriber also easily adds monetary value to the subscriber's prepaid account by accessing the prepaid network service, (e.g., by dialing the appropriate network service number), indicating the desire to add monetary value to the subscriber's prepaid account in the database. (The subscriber is prompted to enter a desired amount of money which is then added to the prepaid monetary value field in the subscriber's database record. There is no need to travel to a card distribution center or the like to obtain a new or recharged prepaid calling card

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1429/CHENP/2007 A

(19) INDIA

(22) Date of filing of Application :09/04/2007

(43) Publication Date : 11/05/2007

(54) Title of the invention : PHOSPHORYLCHOLINE GROUP-CONTAINING COMPOUND AND METHOD FOR PRODUCING SAME

(51) International classification	:C07F 09/09
(31) Priority Document No	:2004-343375
(32) Priority Date	:29/11/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/021795
Filing Date	:28/11/2005
(87) International Publication No	:WO 2006/057384
	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)SHISEIDO COMPANY LTD

Address of Applicant :5-5, GINZA 7-CHOME, CHUO-KU, TOKYO,
1048010, JAPAN Not Applicable Japan

(72)Name of Inventor :

1)SUDA, YUKIMITSU

2)MIYAZAWA, KAZUYUKI

No of Pages : 22

No of Claims : 5

(57) Abstract :

The present invention is a phosphorylcholine-containing chemical compound represented by the following formula (1) or (2). (CH₃)₃N+CH₂CH₂PO₄CH₂COOH (1) (CH₃)₃N+CH₂CH₂PO₄CH₂COO^{2a} (2) The object of the present invention is to provide a new phosphorylcholinecontaining compound that is useful as a surface treatment agent or a source material of a surface treatment agent. Another object is to provide a manufacturing method that has a high industrial utility value.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1004/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :30/09/2004

(43) Publication Date : 11/05/2007

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

(51) International classification

:C08G
63/00

(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)MALLADI DRUGS & PHARMACEUTICALS LIMITED

Address of Applicant :NO.52,JAWAHARLAL NEHRU
ROAD,EKKATTUTHANGAL,CHENNAI-600 097 Tamil Nadu India

2)INDIAN INSTITUTE OF TECHNOLOGY MADRAS

(72)Name of Inventor :

1)DEVALLA VENKATA RAMANA

2)PATHANGI SAMPATH SRINIVASAV

3)TANGIRALA PRAKASAM

4)BALASUBRAMANIAN VISWANATHAN

5)THIRUKKALLAM KANTHADAI VARADARAJAN

6)SANGARAJU SHANMUGAM

7)PILLI SATYANANDA KISHORE

No of Pages : 24

No of Claims : 7

(57) Abstract :

The invention disclosed in this application relates to an improved process for the preparation of polylactic acid by dehydration condensation of a lactic acid in the presence of an inert atmosphere using an inorganic solid acid catalyst.The polylactic acid thus obtained has been characterized and the polymer obtained has molecular weight of(Mn) 39,680 and polydispersity value 1.07 The poly lactic acid prepared by this process of present invention is a very well known biodegradable polymer and it is proving to be a viable alternative to pharmaceutical based plastics for many applications.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.102/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :27/01/1999

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD FOR IN-SITU MODERNIZATION OF A HETEROGENEOUS EXOTHERMIC SYNTHESIS REACTOR

(51) International classification	:B01J 8/04	(71)Name of Applicant :
(31) Priority Document No	:97203724	1)AMMONIA CASALE SA
(32) Priority Date	:28/11/1997	Address of Applicant :VIA SORENGO 7,6900 LUGANO-BESSO
(33) Name of priority country	:EUROPEAN UNION	Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GIORGIO PAGANI
(87) International Publication No	: NA	2)ERMANNO FILIPPI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 15

(57) Abstract :

A Method for in-situ modernization of a heterogeneous exothermic synthesis reactor, comprising the steps of providing at least a first and at least a second catalytic bed (12, 13) in an upper (2a) respectively lower (2b) portion of the reactor, providing additionally a lowermost catalytic bed (14) in the lower portion (2b) of the reactor having a reaction volume smaller than the reaction volume of the second catalytic bed (13), and loading the lowermost catalytic bed (14) with a catalyst having an activity higher than the activity of the catalyst loaded in the other beds (12, 13). Thanks to the above steps, the present method allows to obtain a reactor with high conversion yield.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1031/CHENP/2004 A

(19) INDIA

(22) Date of filing of Application :13/05/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD FOR SENDING POSTAL PACKETS

(51) International classification	:G06F 17/60	(71) Name of Applicant :
(31) Priority Document No	:101 49 621.4	1)DEUTSCHE POST AG
(32) Priority Date	:09/10/2001	Address of Applicant :Charles-de-Gaulle-Strasse 20, 53113 Bonn.
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/DE02/03759	(72) Name of Inventor :
Filing Date	:07/10/2002	1)MAYER, Boris
(87) International Publication No	:WO/2003/034293	2)FRANKENBERG, Steffen
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 3

(57) Abstract :

The present invention relates to a method for dispatching postal parcels comprising the steps of recording a delivery address for the delivery of the postal parcels from the postal parcels; changing the delivery address of the postal parcel; and delivering the postal parcels to the said changed delivery address wherein the delivery address of the postal parcel is changed according to a routine predefined by the recipient, whereby the routine is stored in a table and this table contains the allocation of several delivery times and delivery addresses, whereby the delivery addresses in the table comprise at least one electronic parcel compartment system or a compartment of an electronic parcel compartment system; and the delivery address is changed as a function of free compartments of at least one parcel compartment system for the eventuality that, according to the routine predefined by the recipient, an electronic parcel compartment system is allocated to a delivery address for a delivery time period.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1051/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :29/10/1999

(43) Publication Date : 11/05/2007

(54) Title of the invention : A NON-DESTRUCTIVE MOISTURE SENSOR

(51) International classification	:G01N 22/04	(71) Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN SPACE RESEARCH ORGANISATION
(32) Priority Date	:NA	Address of Applicant :ISRO HEADQUARTERS,DEPARTMENT OF
(33) Name of priority country	:NA	SPACE, ANTHARIKSH BHAVAN, NEW BEL ROAD, BANGALORE-
(86) International Application No	:NA	560 094. Karnataka India
Filing Date	:NA	2)UNIVERSITY OF PUNE
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)RUTAMBHARA AVINASH YOGI
Filing Date	:NA	2)RAVINDRA NARHAR KAREKAR
(62) Divisional to Application Number	:NA	3)ROHINI CHANDRASHEKHAR AIYER.
Filing Date	:NA	

No of Pages : 16

No of Claims : 5

(57) Abstract :

A non-destructive moisture sensor is provided which comprises a microwave generator, a microwave detector and a microstrip resonator connected between the said microwave generator and the microwave detector. The output from the microstrip resonator is connected to a microprocessor through an interfacing circuit consisting an amplifier to obtain an output corresponding to the normalised percentage of moisture in the material to be tested. A display is provided for displaying the output from the processor.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1070/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :05/11/1999

(43) Publication Date : 11/05/2007

(54) Title of the invention : BUILT-IN ANTENNA

(51) International classification	:H01Q 1/20	(71) Name of Applicant :
(31) Priority Document No	:10-320515	1)MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD
(32) Priority Date	:11/11/1998	Address of Applicant :1006,KADOMA,KADOMA-SHI,OSAKA 571
(33) Name of priority country	:Japan	Japan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)TOSHIYASU KITAMURA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 8

(57) Abstract :

ABSTRA T One ridge of an elastic member having a rectangular cross-section is placed on a lower case so as to contact with the deepest part of the trough thereof. Further, a built-in antenna is placed at its mounting position on the lower case. At the time, a feeder part of the built-in antenna is placed on another ridge without having the elastic member having the rectangular cross-section bonded. Moreover, a land of a printed board is placed so as to contact with the feeder part. The printed board is fixed at a portion not illustrated. The land of the printed board and the feeder part are contacted preferably by receiving the repulsion of the elastic member having the rectangular cross-section.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1078/CHE/2003 A

(19) INDIA

(22) Date of filing of Application :31/12/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : SYSTEM AND METHODS FOR RESOURCE ALLOCATION IN HETEROGENEOUS WIRELESS MULTIMEDIA NETWORKS

(51) International classification	:H04L 12/28	(71) Name of Applicant : 1)SAMSUNG ELECTRONICS CO LTD
(31) Priority Document No	:NA	Address of Applicant :J.P TECHNO PARK,3/1,MILLERS
(32) Priority Date	:NA	ROAD,BANGALORE-560 052 Karnataka India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)TANEJA,DR.MUKESH
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 54

No of Claims : 26

(57) Abstract :

In this invention, systems and methods are developed related to heterogeneous wireless multimedia network and application. In particular, in a multi-hop heterogeneous wireless network consisting of IEEE 802.11x (wireless LAN) and 3G wireless network, QoS issues related to heterogeneous applications are considered. The invention addresses the method and solves the problems related to resource allocation involved in heterogeneous wireless multimedia networks for diverse types of applications.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1078/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :09/11/1999

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PORTABLE TERMINAL DEVICE

(51) International classification	:H04M 1/00	(71) Name of Applicant :
(31) Priority Document No	:10-319361	1)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
(32) Priority Date	:10/11/1998	Address of Applicant :1006, KADOMA, KADOMA-SHI,OSAKA 571.
(33) Name of priority country	:Japan	Japan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)TOSHIYASU KITAMURA
(87) International Publication No	: NA	2)KAZUHIRO KONISHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 6

(57) Abstract :

The present invention is for providing a portable terminal device with improved mechanical strength and rigidity of a case so as to prevent damage of functional parts with respect ,to bend or twist deriving from a small size and a thin shape of the portable terminal device main body, which comprises a printed board with mounting parts mounted thereon, a lower case with-receiving ribs provided corresponding to the arrangement .posi t~on of the mounting parts for recei xing the mounting parts, and a battery case provided below the lower case for supporting deformation of the lower case.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.108/MAS/2003 A

(19) INDIA

(22) Date of filing of Application :07/12/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : "NEW ANTICANCER COMPOUNDS PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM"

(51) International classification	:C07D 239/94	(71)Name of Applicant : 1)REDDY'S LABORATORIES LTD., Address of Applicant :7-1-27, Ameerpet, Hyderabad, A.p., 500 016. Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VEDULA MANOHAR SHARMA
(87) International Publication No	: NA	2)KATTUBOINA VENKATA ADISESHU
(61) Patent of Addition to Application Number	:NA	3)JAVED IQBAL
Filing Date	:NA	4)RAMANUJAM RAJAGOPALAN
(62) Divisional to Application Number	:NA	5)SRIRAM RAJAGOPAL
Filing Date	:NA	6)NAGA VENKATA SRINIVASA RAO MAMIDI

No of Pages : 76

No of Claims : 19

(57) Abstract :

The present invention relates to novel anticancer agents, their derivatives, their analogs, their stereoisomers, their tautomers, their geometric isomers, their polymorphs, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates and their pharmaceutically acceptable compositions. The present invention more particularly relates to novel quinazoline compounds, their derivatives, their analogs, their stereoisomers, their tautomers, their enantiomers, their geometric isomers, their polymorphs, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates and their pharmaceutically acceptable compositions. The novel quinazoline compounds have the general formula (I),

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1095/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :11/11/1999

(43) Publication Date : 11/05/2007

(54) Title of the invention : A HYDROCRACKING CATALYST FOR PRODUCING MIDDLE DISTILLATES AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:B10J 23/00	(71)Name of Applicant :
(31) Priority Document No	:CN98114459.4	1)CHINA PETROCHMICAL CORPORATION
(32) Priority Date	:13/11/1998	Address of Applicant :6A HUIXIN DONG STREET,CHAOYANG
(33) Name of priority country	:China	DISTRICT,BEIJING,P.R.CHINA. China
(86) International Application No	:NA	2)FUSHUN RESEARCH INSTITUTE OF PETROLEUM AND
Filing Date	:NA	PETROCHEMICALS
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SONG CHEN
Filing Date	:NA	2)TINGYN LI
(62) Divisional to Application Number	:NA	3)GUANGWEI CAO
Filing Date	:NA	4)MINGHUA GUAN

No of Pages : 29

No of Claims : 22

(57) Abstract :

The present invention relates to a hydrocracking catalyst for producing middle distillates, comprising hydrogenation metal components, a modified ultra-hydrophobic zeolite-Y, a specific amorphous silica-alumina and optionally an alumina binder, wherein said zeolite-Y has a SiO₂/Al₂O₃ molar ratio of 5-25, a crystal unit cell size of 2.420-2.445nm, an IR acidity of 0.2-0.6mmol/g, a sorptive capacity for water vapor of less than 5wt%_o at 25°C and p/P_o of 0.1, and a specific surface area of 600-850m²/g; and said amorphous silica-alumina has a SiO₂ content of 10wt%5wt%, a specific surface area of 300-600 m²/g, a pore volume of 0.8-1.5 ml/g and an IR acidity of 0.25-0.60mmol/g. The catalyst as claimed In the present Invention shows a relatively high activity and mid-distillate selectivity and can be used in hydrocracking process to give a higher yield of mid-distillates.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1118/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :16/11/1999

(43) Publication Date : 11/05/2007

(54) Title of the invention : A KNEE JOINT ASSEMBLY FOR BODY IMPLANT

(51) International classification

:A61F
02/38

(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)MISHRA DHATU NIGAM LIMITED

Address of Applicant :P O KANCHANBAGH,HYDERABAD-500
058. Andhra Pradesh India

(72)Name of Inventor :

1)K RAJESWAR RAO

No of Pages : 8

No of Claims : 6

(57) Abstract :

This invention relates to a flexible knee joint implant for human body. It consists of an upper rod and a lower rod. The upper rod terminates in an annular cavity. The lower rod has a projection which lies in flush with this annular cavity. These two parts are held together at the knee area with the help of hinged fixing means such as the pin and screw types.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1128/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :18/11/1999

(43) Publication Date : 11/05/2007

(54) Title of the invention : A NOVEL NASAL ADMINISTRATION CONTAINING SILDENAFIL SALT FOR TREATING MALE ERECTILE DYSFUNCTION

(51) International classification	:A61K 31/50	(71) Name of Applicant : 1)NATCO PHARMA LIMITED
(31) Priority Document No	:NA	Address of Applicant :NATCO HOUSE,ROAD NO 2 ,BANJARA
(32) Priority Date	:NA	HILLS,HYDERABAD-500 033. Andhra Pradesh India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)RAMAKRISHNA RAO VALLABHANENI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 43

(57) Abstract :

The invention disclosed in this application relates to a novel pharmaceutical composition containing sildenafil useful for nasal administration for the treatment of male erectile dysfunction due to organic, psychogenic and mixed causes. The composition is also effective in patients with erectile dysfunction due to spinal cord injury. The pharmaceutical composition of the present invention is in the form of a solution or a colloidal dispersion in a pharmaceutical vehicle filled into specially designed dosing device for nasal administration. The invention disclosed in this application also provides a method for preparing the pharmaceutical composition containing sildenafil for nasal application for the treatment of male erectile dysfunction.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1235/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :28/12/1999

(43) Publication Date : 11/05/2007

(54) Title of the invention : A WELDING POWER SUPPLY AND A METHOD OF CREATING WELDING CURRENT

(51) International classification	:B23K 009/09	(71) Name of Applicant : 1)LINCOLN GLOBAL,INC
(31) Priority Document No	:09/233,235	Address of Applicant :22801 ST.CLAIR
(32) Priority Date	:19/01/1999	AVENUE,CLEVALAND,OHIO,44117-1199 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)ELLIOTT K STAVA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 36

(57) Abstract :

In a welding power supply for creating welding current in a succession of current pulses with a maximum current level and a trailing off state which current pulses passing through a series circuit including an inductor and electrode in welding relationship with a workpiece wherein the power supply has (a) an inverter stage with an input to be connected to a power source, a first terminal at a first electrical polarity when the inverter is on, a second terminal at a second electrical polarity when the inverter is on, and a control to generate an off signal to turn the inverter off and remove current from the terminals to shift said current pulse toward an off state; and, (b) a power switching stage including a transistor based switch having a conduction condition passing current from the first terminal upon creation of a first logic signal and a non-conduction condition blocking current upon creation of a second logic signal, the improvement comprising: a sensor for measuring the instantaneous value of the welding current, a comparator for producing a low current signal when the instantaneous current is at a selected value substantially below the maximum current level and a circuit or program for creating the second logic signal upon production of a low current signal after generation of an off signal whereby the transistor based switch is switched from the conduction condition to the non-conduction condition when the welding current is generally at the selected value.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1277/CHENP/2004 A

(19) INDIA

(22) Date of filing of Application :09/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : CYCLOPROPANECARBOXYLIC ACID ESTERS AND PEST CONTROLLERS CONTAINING THE SAME

(51) International classification	:C07C 255/31	(71)Name of Applicant :
(31) Priority Document No	:2001-376907	1)SUMITOMO CHEMICAL COMPANY, LIMITED
(32) Priority Date	:11/12/2001	Address of Applicant :5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi,
(33) Name of priority country	:Jamica	Osaka 541-8550 Japan
(86) International Application No	:PCT/JP02/12093	(72)Name of Inventor :
Filing Date	:20/11/2002	1)MORI, Tatsuya
(87) International Publication No	:WO/03/50080	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 4

(57) Abstract :

The present invention relates to 4-Methoxymethyl-2,3,5,6-tetrafluorobenzyl 2,2-di-methyl-3-(2-cyano-3-hydrocarbyloxy-3-oxo-1-propenyl)cyclo- propanecarboxylate given by the formula (1) wherein G is C1-4 alkyl or C3-4 alkenyl.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.133/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :03/02/1999

(43) Publication Date : 11/05/2007

(54) Title of the invention : A SILKWORM FEED

(51) International classification	:A23K 1/18	(71) Name of Applicant : 1)CENTRAL SERICULTURAL RESEARCH AND TRAINING INSTITUTE
(31) Priority Document No	:NA	Address of Applicant :SRIRAMPURE,MANANDAVADI
(32) Priority Date	:NA	ROAD,MYSORE-570 008. Karnataka India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)SHASHIKANTH BASALINGAPPA MAGADUM
Filing Date	:NA	2)GURUBASANNA RUDRAPPA SHIVAKUMAR
(87) International Publication No	: NA	3)PRABHAT KUMAR CHINYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 5

(57) Abstract :

A silkworm feed comprising 30-40% by weight of mulberry leaf powder, 15-25% by weight of soya powder, 7-13% by weight of ground nut cake, 5-10% by weight of mulberry branch powder, 5-10% by weight of Agar, 0.3-0.5% by weight of gallic acid, 3-5% by weight of citric acid, 3-5% by weight of sucrose, 0.7-1.3% by weight of ascorbic acid, 0.1-0.5% by weight of sorbic acid, 3-5% by weight of salt mixture, 0.05-0.1% by weight of chloramphenical, 0.3-0.5% by weight of vitamin mixture, 0.30.6% by weight of propionic acid, 2-5% by weight of acetic acid and 25-35% by weight of water blended together thoroughly.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.133/MAS/2003 A

(19) INDIA

(22) Date of filing of Application :17/02/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN EXTRUSION HONING COMPOSITION

(51) International classification

:B24B
33/00

(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)INDIAN INSTITUTE OF TECHNOLOGY,

Address of Applicant :IIT P.O., CHENNAI-600 036. Tamil Nadu India

(72)Name of Inventor :

1)YECHAN GUNJAL SRINIVASA

2)KUNJITHAPATHAM NARAYANASAMY

3)HOMMA PUTTEGOWDA RAJU

No of Pages : 8

No of Claims : 6

(57) Abstract :

An extrusion honing composition comprising polydimethyl siloxane homogeneously mixed with silicon carbide particles selected from grit size 36, 54, 100, the said particles being present in the composition in the range 25% to 55% volume of the said polydimethyl siloxane.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.134/MAS/2003 A

(19) INDIA

(22) Date of filing of Application :18/02/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : "A NOVEL PROCESS AND APPARATUS FOR THE MANUFACTURE OF PRECIPITATED SILICA FROM RICE HUSK ASH"

(51) International classification	:C01B 33/113	(71)Name of Applicant : 1)INDIAN INSTITUTE OF SCIENCE
(31) Priority Document No	:NA	Address of Applicant :Bangalore-560 012, Karnataka State, Karnataka
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MUKUNDA HANASOGE SURYANARAYANA AVADANI
Filing Date	:NA	2)DASAPPA SRINIVASAIAH
(87) International Publication No	: NA	3)PAUL PALKAT JOSEPH
(61) Patent of Addition to Application Number	:NA	4)SUBBUKRISHNA DIBBUR NAGESHRAO
Filing Date	:NA	5)RAJAN NAGAMANGALA KRISHNAIYENGAR SRIRANGA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 11

(57) Abstract :

A novel process for the manufacture of precipitated silica from rice husk ash, having a surface area ranging from 50-400m²/g and tap density of 80-600kg/m³ having multiple applications in the field of rubbers and plastics, paints, toothpastes, catalyst, carrier agent, insulation, stabilizing and desiccants. The process method for silica precipitation is novel, wherein the chemicals used are regenerated making it a closed loop operation. The extraction process through digestion, precipitation and regeneration are done based on the application specifies, so as to get the required particle size and densities.

(54) Title of the invention : A PROCESS FOR PREPARING ANTIBODY LABELLED MICROSPHERES USING ANTI CD4/ANTI CD8 ANTIBODY FOR DETECTING CD4/CD8 POSITIVE CELLS IN THE BLOOD

(51) International classification	:B32B 5/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WG.CDR.PALAT KRISHNA MENON (Retd)
(32) Priority Date	:NA	Address of Applicant :SILVER OAKS, 149, VAYUPURI
(33) Name of priority country	:NA	SECUNDERABAD-500594 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WG.CDR.PALAT KRISHNA MENON (Retd)
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 10

(57) Abstract :

A process for preparing antibody labelled microspheres using anti CD4 /anti CD8 antibody for detecting CD4 and CD8 positive cells in the blood which comprises the steps of: Placing 0.5 ml of 2.5% carboxylated microparticles into Eppendorf centrifuge tube (1.5-1.9 ml capacity) and washing twice with sufficient carbonate buffer; resuspending the pellet in phosphate buffer and washing two times in phosphate buffer; the pellet is then resuspended in a 0.625 ml of the 0.02M sodium phosphate buffer, pH 4.5; Adding drop wise 0.625 ml of the 2% carbodiimide solution; Mixing 3-4 hours at room temperature; Centrifuging for 5-6 minutes and removing and discarding supernatant; Resuspending pellet in phosphate buffer; Centrifuging for 5-6 minutes and removing and discarding supernatant; remove unreacted carbodiimide; Resuspending pellet in 1.2ml of borate buffer; Adding 200-400 ug of Anti CD4 / Anti CD8 antibody; mixing gently overnight at room temperature on an end-to-end mixer; Adding 50ul 0.25M ethanolamine(2-aminoethanol) and mixing gently for 30 minutes for blocking unreacted sites on the microparticles; Centrifuging for 10 minutes and saving supernatant for protein determination; Resuspending pellet in 1 ml of 10 mg/ml BSA solution in borate buffer; Cap and vortex; Mixing gently for 30 minutes at room temperature for blocking any remaining non-specific protein binding sites; Centrifuging for 5-6 minutes and removing and discarding supernatant; Resuspending pellet in 0.5 ml PHS, pH 7.4 containing 10mg/ml BSA, 5% glycerol, and 0.1 % NaN₃ (storage buffer); storing at 4Â°C.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1372/MAS/1997 A

(19) INDIA

(22) Date of filing of Application :23/06/1997

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS AND A PLANT FOR ELECTROLYTICALLY COATING THE CASTING SURFACE OF A ROLL

(51) International classification	:C 25 D 5/04	(71)Name of Applicant : 1)USINOR SACILOR
(31) Priority Document No	:96 07981	Address of Applicant :IMMEUBLE " LA PACIFIC" ,11/13 COURS
(32) Priority Date	:27/06/1996	VALMY-LA DEFENSE 7-92800 PUTEAUX. France
(33) Name of priority country	:France	2)THYSSEN STAHL AKTIENGESSELLSCHAFT
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HERVE LAVELAINE
(87) International Publication No	: NA	2)CHRISTIAN ALLELY
(61) Patent of Addition to Application Number	:NA	3)ERIC JOLIVET
Filing Date	:NA	4)JEAN-CLAUDE CATONNE
(62) Divisional to Application Number	:NA	5)YANN BREVIERE
Filing Date	:NA	

No of Pages : 16

No of Claims : 12

(57) Abstract :

The present invention relates to a process and a plant for electrolytically coating the casting surface of a roll. Both a process and plant are provided for electrolytically coating with a metal layer the casting surface of a roll for twin-roll or single-roll continuous casting of thin metal strip. The casting surface is at least partially immersed in an electrolyte solution containing a salt of the metal to be deposited, so as to face at least one anode. The surface is placed at a cathode and a relative movement is created between the casting surface and the electrolyte solution. Insulating masks are interposed between the anode or anodes and the arrises of the casting surface, the insulating masks preventing a concentration of the lines of current on the arrises and in their vicinity.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1424/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :23/12/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF WEAR AND CORROSION RESISTANT COATINGS FOR ELECTROLESS DEPOSITION ON METAL SUBSTRATES

(51) International classification	:C23C 28/02	(71) Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY Address of Applicant :IIT P.O. CHENNAI. Tamil Nadu India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SEKHARIPURAM KRISHNAMOORTHY SESHADRI
(33) Name of priority country	:NA	2)MURUKESAN PALANIAPPA
(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	

No of Pages : 7

No of Claims : 2

(57) Abstract :

A Process for the preparation of wear and corrosion resistant coatings for electroless deposition on metal substrates comprising the steps of preparing a composition of nickel sulphate (25-30 gm./litre) sodium hypophosphite (15-18 gm./litre) sodium citrate (28-32 gm./litre) ammonium sulphate (28-32 gm./litre) sodium tungstate (18-22 gm./litre); and maintaining the temperature and pH of the said composition at 83 - 87 degrees C and 5.7 - 6.3 respectively.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1461/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :31/12/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : A STAPLER

(51) International classification	:190 2/P	(71) Name of Applicant :
(31) Priority Document No	:NA	1)PLUS STATIONERY CORPORATION
(32) Priority Date	:NA	Address of Applicant :20-11 OTOWA 1-CHOME BUNKYO-KU,
(33) Name of priority country	:NA	TOKYO. Japan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)TAKESHI MATSUKAWA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 1

(57) Abstract :

A stapler comprising a base frame (1), a support element (1a, 8Ia, 8Ia') erected from a rear end of said base frame, an operation frame (5, 84) pivotally attached at a rear end part thereof directly or indirectly to said support element through a main shaft, a staple pressure lower plate (21, 89) disposed at said operation frame, and said staple pressure lower plate being lowered to drive staples stored in a staple magazine (4, 88), one by one, between said operation frame and said base frame in accordance with rotation of said operation frame so that sheets of paper sandwichingly retained are stapled on a staple receiving board 9f said base frame, characterized in that a handle frame (6, 86) is disposed at an upper part of said operation frame and pivotally attached at a rear end part thereof to said support element such that said rear end part is located at an upper part of said main shaft, and an intermediate element (22, 97) one end of which is pivotally attached to an intermediate part in the back and forth direction of said handle frame and the other end of which is pivotally attached to said operation frame.

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING SIMILAR SERVICE AT AN ADDRESS FROM MULTIPLE DEVICES

(51) International classification	:H04L 12/56	(71) Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD
(31) Priority Document No	:NA	Address of Applicant :BAGMANE LAKEVIEW, BLOCK B, NO. 66/1,
(32) Priority Date	:NA	BAGMANE TECH PARK, C V RAMAN NAGAR, BYRASANDRA,
(33) Name of priority country	:NA	BANGALORE - 560093. Karnataka India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SYAM MADANAPALLI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 25

(57) Abstract :

This invention describes a method and a device for providing similar service at the same address from multiple devices in an IPv6 network. This method can be used to provide services like database access, Vol P and video services by transparently load-sharing the requests among a cluster of devices. This method consists of creating a unique Service Address and assigning this address to a set of devices that can provide a particular service. A Router/Gateway maintains the status of all devices providing this service. On receiving a request for this service from some client, the Router/Gateway forwards the request to one of the free devices. The device will then respond with its unicast address using Home Address Option. Further communication between the client and the device can use the device's unicast address. The proposed method uses Neighbor Discovery messages with some enhancements to the existing protocol. In particular, the method uses Neighbor Discovery messages for Service Address configuration, device status updates and Service Address Requests for particular service types. Service Addresses are communicated to the devices using Router Advertisements. Devices use Neighbor Advertisements for deleting / invalidating / marking as busy their link-layer address entries in the Router/Gateway. A Router Solicitation message, with a newly defined Service Address Request Option, is sent by devices to request a Service Address for a particular service. However, the method does not violate the standards or the interoperability with other devices. Using this technique, a number of data/voice/video servers can be installed at one location with a single serving address. For example: one can receive more than one telephone call at the same address / number. Any call to this number will be handled by the next free device in the network serving for this address. This allows us to provide a single address / number to the outside world.

(54) Title of the invention : FLEXIBLE SPRINGBACK CONTAINER ASSEMBLY WITH CLOSING MEANS

(51) International classification	:B05B 11/00	(71) Name of Applicant : 1)MAMBALLIKALATHIL JAYAGOVIND MENON, PROPRIETOR
(31) Priority Document No	:NA	Address of Applicant :POLYMAX ENGINEERING COMPANY,B-
(32) Priority Date	:NA	21,INDUSTRIAL ESTATE,GUINDY,CHENNAI-600 032 Tamil Nadu
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MAMBALLIKALATHIL JAYAGOVIND MENON,
(87) International Publication No	: NA	PROPRIETOR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 6

(57) Abstract :

Flexible Springback Container Assembly with Closing Means, provided with pairs of holder handles is a geometrically shaped Container with compressible tailor made spring back active walls made out of multi-layer and laminated polyester Nylon fabric reinforced PVC coated sheets, bonded with semi flexible adhesive. The wall forming sheets are joined by side strips, the circular wound tube modules being encapsulated within the strips, then bonded with flexible adhesive. The Closing Means, the safety locking feature of the Container consists of Upper and Lower Jaw Lock Frames fastened to their respective Flexible Sheet Backing Aprons, held at the top and bottom position, as enclosed within the Closing Support Frame. Upper Lock frame is held to the top cross piece of the Closing Support Frame and the Lower Frame at its bottom cross piece, with flexible sheet strips washer backing. Both Locking frames acting as doors, are capable of independent flexible movement when released and is provided with angular locking cross pieces, when held together will be in symmetry, the Upper frame closing behind the Lower frame and their pairs of locking holes in alignment for safety locking purposes. The angular locking part of the lower lock frame, occupies the upper position with respect to that of the lower one in the alignment.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.160/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/01/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : ITERATIVE DATA ANALYSIS PROCESS VIA QUERY RESULT AUGMENTATION AND RESULT DATA FEEDBACK

(51) International classification	:G06F
(31) Priority Document No	:10/459,734
(32) Priority Date	:12/06/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/18508
Filing Date	:10/06/2004
(87) International Publication No	:WO/04/111793
(61) 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 BUSINESS MACHINES CORPORATION
Address of Applicant :New Orchard Road, Armonk, NY 10504 U.S.A.
(72)**Name of Inventor :**
1)DETTINGER, Richard, D.
2)STEVENS, Richard, J.

No of Pages : 36

No of Claims : 13

(57) Abstract :

The present invention is generally directed to a system, method and article of manufacture for accessing data represented abstractly through an abstraction model (512). In one embodiment, a data abstraction model (512) provides a logical view of an underlying data repository (518) that is independent of the particular manner of data representation. For a given abstract query (506) the abstract query (506) is augmented with additional computer-selected result fields (520). In addition, the data abstraction model (512) is also augmented with fields (528) corresponding to the result fields (514) of the previously executed abstract query.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.165/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :23/02/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : WILDLIFE GUARD FOR ELECTRICAL INSULATOR BUSHINGS

(51) International classification	:H01B 17/00	(71) Name of Applicant :
(31) Priority Document No	:09/513,415	1)TYCO ELECTRONICS CORPORATION
(32) Priority Date	:25/02/2000	Address of Applicant :2901 FULLING MILL ROAD,
(33) Name of priority country	:U.S.A.	MIDDLETOWN,PENNSYLVANIA, 17057-3163. U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BOWLING, DAVID EDWIN
(87) International Publication No	: NA	2)HILLER, LAURA JACKSON.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 8

(57) Abstract :

Wildlife guards for surrounding electrical ~ insulator bushings and electrical conductors extending therefrom include pivotally connected first and second cover portions. Each cover portion includes a respective lever arm configured such that when a force is applied to the first and second lever arms by a portion of an electrical insulator bushing, the first and second cover portions pivot together into engagement in a closed position surrounding the electrical insulator bushing and a portion of the electrical conductor extending from the electrical insulator bushing. A plurality of flexible fingers extending from adjacent edge portions of the cover portions allow an electrical conductor to extend therethrough while preventing the ingress of animals.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.165/MAS/2003 A

(19) INDIA

(22) Date of filing of Application :03/03/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : "DELAYED RELEASE ASPIRIN FORMULATION & A PROCESS FOR ITS PREPARATION"

(51) International classification	:A61K 31/70	(71) Name of Applicant : 1)NATCO PHARMA LIMITED Address of Applicant :NATCO House, Road No.2, Banjara Hills, Hyderabad-500 033. A.P, India Andhra Pradesh 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)RAMA RAO PENDYALA
Filing Date	:NA	2)KHADGAPATHI PODILI
(87) International Publication No	: NA	3)VENKAIAH CHOWDARY NANNAPANENI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 49

(57) Abstract :

The invention disclosed in this application relates to an improved pharmaceutical formulation containing aspirin, which is useful for the prevention of cardiovascular diseases such as stroke and decrease in recurrence of a heart attack and other heart problems, and is protected against gastric juices, in the form of pellets filled into hard gelatin capsules or compressed into tablets. The pellets have an inert core comprising of sucrose, starch, and an active layer having drug along with alkali compound and an antiadherent, an intermediate layer comprising of a hydrophilic polymer along with an antiadherent and finally a coating of an enteric layer. The invention also relates to a process for the preparation of the above-defined improved pharmaceutical formulation containing aspirin.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1650/CHENP/2003 A

(19) INDIA

(22) Date of filing of Application :17/10/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD OF CONTROLLING A WIND POWER INSTALLATION & A WIND POWER INSTALLATION

(51) International classification	:F03D 7/00
(31) Priority Document No	:101 19 625.3
(32) Priority Date	:20/04/2001
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP02/04110
Filing Date	:12/04/2002
(87) International Publication No	:WO/2002/086313
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WOBBEN, Aloys

Address of Applicant :Argestrasse 19, 26607 Aurich. Germany

(72)Name of Inventor :

1)WOBBEN, Aloys

No of Pages : 9

No of Claims : 7

(57) Abstract :

The present invention relates to a method of controlling a wind power installation characterised by the following steps: detecting at least one ambient condition in the wind power installation, and heating the generator according to the detected at least one ambient condition, wherein detecting at least one ambient condition includes detecting at least one of the temperature of the generator as well as the temperature of the air in the surroundings of the wind power installation and a moisture deposit on parts of the generator or other electrically sensitive parts of the wind power installation, wherein the generator is heated if at least one of the temperature of the generator is below the temperature of the air in the surroundings of the wind power installation and the moisture deposit is above a predetermined value.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1651/CHENP/2003 A

(19) INDIA

(22) Date of filing of Application :17/10/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD FOR OPERATING A WIND TURBINE AND A WIND TURBINE

(51) International classification	:F03D 9/00
(31) Priority Document No	:101 19 624.5
(32) Priority Date	:20/04/2001
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2002/004109
Filing Date	:12/04/2002
(87) International Publication No	:WO/2002/086314
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1) Aloys WOB BEN,

Address of Applicant : Argestrasse 19, 26607 Aurich Germany

(72)**Name of Inventor :**

1)Aloys WOB BEN

No of Pages : 11

No of Claims : 19

(57) Abstract :

The present invention relates to a method for operating a wind turbine with an electrical generator, drivable by a rotor, for supplying electrical power to an electrical load, in particular an electric grid, characterized in that the power delivered by the generator (12) to the load (6) is regulated in response to a current that is outputted to the load (6). The present invention also relates to a wind turbine.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1657/CHENP/2003 A

(19) INDIA

(22) Date of filing of Application :20/10/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN ABRASIVE FLUID JET CUTTING SYSTEM AND A METHOD THEREFOR

(51) International classification	:B24C 7/00	(71) Name of Applicant :
(31) Priority Document No	:200102219-3	1)JETSIS INTERNATIONAL PTE LTD
(32) Priority Date	:21/04/2001	Address of Applicant :17 Hwa Yew Industrial Building Mandai Estate,
(33) Name of priority country	:Singapore	#06-1B Singapore 729934. Singapore
(86) International Application No	:PCT/SG02/00065	(72) Name of Inventor :
Filing Date	:22/04/2002	1)GADD, Michael, William
(87) International Publication No	:WO/2002/085573	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 14

(57) Abstract :

The present invention relates to an abrasive fluid jet cutting system and in particular although not solely to a system for supplying a pressurized slurry from a pressurized abrasive slurry containing vessel to an abrasive-jet nozzle(s) to enable cutting or other abrasive-fluid jet machining operations to be carried out. Abrasive fluid jet systems in the art are used in many applications where precision- cutting is required. An example of such an application is the singulation of substrates. One type of abrasive jet system utilizes abrasives that is stored and discharged under pressure from a pressure vessel to mix with the driving fluid immediately before the nozzle to form an abrasive slurry. Such mixing is achieved by a venturi effect. The slurry is normally then accelerated through a nozzle to form an abrasive fluid jet tool for cutting substrates.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.17/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :07/01/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF TRICYCLIC ANTIDIABETIC COMPOUND

(51) International classification

:A61P
3/10

(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)REDDY'S LABORATORIES LTD

Address of Applicant :7-1-27 AMEERPET, HYDERABAD. Andhra Pradesh India

(72)Name of Inventor :

1)GADDAM OM REDDY

No of Pages : 10

No of Claims : 6

(57) Abstract :

A process for the preparation of compound of the formula (I), wherein R1 represents (C1-C6)alkyl group, which comprises: i). converting the compound of formula (II) wherein R1 represents (C1-C3)alkyl group to a compound of formula (III) by reacting with phenyl ethylamine in the presence of a solvent at a temperature in the range of 20 to 50 degree c, ii). reacting the compound of formula (III) with L-arginine in the presence of a solvent at a temperature in the range of 20 degree c to reflux temperature, for a period in the range of 4-24 h, to yield compound of formula (I) where R1 is as defined above and iii). isolating the compound of formula (I) formed by conventional methods.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.179/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :03/03/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD FOR PERFORMING A LASER BEAM WELDING OPERATION TO MOLECULARLY BOND TWO PIECES OF METAL TOGETHER

(51) International classification	:B23K 026/00	(71)Name of Applicant : 1)DANA CORPORATION
(31) Priority Document No	:10/376,593	Address of Applicant :4500 DORR STREET, TOLEDO, OHIO 43615
(32) Priority Date	:03/03/2003	U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)MUSSELMAN GARY H.
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 17

(57) Abstract :

A method of welding at least two metal sheets protected by a zinc coating that has a low vaporizing temperature. The metal sheets are placed on top of each other in such a manner that at least one metal sheet has a curved section beginning at the weld area. The weld is performed partly on the metal sheets in contact and partly at the separation between the metal sheets in order to allow gases generated by vaporization of the protective material to escape from the weld area.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.179/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :28/02/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : OPERATING METHOD FOR A MOBILE TELEPHONE

(51) International classification	:H04Q 001/00	(71) Name of Applicant :
(31) Priority Document No	:10009444.9	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:29/02/2000	Address of Applicant :GROENEWOUDSEWEG 1,NL-5621 BA
(33) Name of priority country	:Germany	EINDHOVEN, Netherlands
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RICHTER THOMAS.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 6

(57) Abstract :

A method of operating a mobile telephone that is taken up in a data transmission network, which method involves at least one encoding and decoding algorithm for converting analog speech data into digital data and vice versa; according to this method at least one further encoding and decoding algorithm is transmitted to the mobile telephone via a data transmission link that is established between the mobile telephone and the network, which algorithm is received by the mobile telephone and stored in a non-volatile memory so as to be used for data conversion after the implementation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.184/MAS/2003 A

(19) INDIA

(22) Date of filing of Application :06/03/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN INTEGRAL STARTER GENERATOR SYSTEM FOR AN AUTOMOBILE

(51) International classification

:F16H
7/08

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)LUCAS-TVS LIMITED

Address of Applicant :Padi Chennai 600 050, Tamil Nadu, India. Tamil Nadu India

(72)Name of Inventor :

1)KRISHNAVILASAM RAGHAVAN ANANDAKUMARAN NAIR

2)VARADA IYENGAR NARAYANAN

3)RAMALINGAM BALAJI

No of Pages : 23

No of Claims : 9

(57) Abstract :

An integral starter-generator system for an automobile comprising a synchronous machine 10; an electronic switch module 16; a rotor position sensor module 28; a control switch module 20; a rotor field regulator 14; and an electronic controller 18.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1845/CHENP/2004 A

(19) INDIA

(22) Date of filing of Application :19/08/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : BUILDING CONSTRUCTION ASSEMBLY OF STRUCTURAL MODULES

(51) International classification	:E04B 1/12
(31) Priority Document No	:148400
(32) Priority Date	:26/02/2002
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL03/00149
Filing Date	:26/02/2003
(87) International Publication No	:WO/2003/072884
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)DYNAMIC SHELLS LTD.

Address of Applicant :3 Haroshet Street, Segula Industrial Area, 49146
Petach Tikva. Israel

(72)**Name of Inventor :**

1)ROTH, Jonathan

No of Pages : 14

No of Claims : 16

(57) Abstract :

A building construction assembly composed of factory-manufactured thermoplastic structural modules which when interconnected at a building site then create the entire shell of an edifice having side walls and a roof. Each module which is formed of a pair of parallel panels bridged by transverse webs is provided on either side along its length with a pair of flexible catch flanges projecting from the panels. When assembling these modules to create the shell of the edifice, adjacent modules are interconnected in coplanar relation by a double-faced joiner on each face of which is a pair of teeth. When one face of the joiner is pressed against a side of a module, its catch flanges then flex to snap into and behind the teeth to connect the joiner to this module. The other face of the joiner is similarly connected to the side of an adjacent module whereby the modules are then interconnected in coplanar relation. When it becomes necessary to interconnect four modules in a cross formation, use is then made of a square, quad-faced joiner on each face of which are a pair of teeth which are engageable by the catch flanges projecting from the side of the module to be joined to this face.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.192/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :02/03/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A HAND- HELD APPARTUS FOR INSTALLING A COVER AROUND AN ARTICLE

(51) International classification	:H01B 7/40
(31) Priority Document No	:09/519,378.
(32) Priority Date	:03/03/2000
(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)TYCO ELECTRONICS CORPORATION
Address of Applicant :2901 FULLING MILL ROAD, MIDDLETOWN,
PENNSYLVANIA, 17057-3163. U.S.A.
(72)**Name of Inventor :**
1)FRYE, TERRY EDWARD

No of Pages : 30

No of Claims : 12

(57) Abstract :

Hand-held devices that can be used to quickly install flashover protection covers around energized electrical conductors and equipment are provided. Each device includes a guide assembly that defines a pair of spaced-apart, converging passageways that are configured to slidably receive the elongated edge portions of a flexible panel therethrough. The converging passageways force together the opposite edge Portions of a flexible panel being advanced through the guide assembly.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.195/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :05/03/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR SELECTIVE HYDROGENATION OF A HYDROCARBON FEED

(51) International classification	:C07C 5/03	(71) Name of Applicant :
(31) Priority Document No	:00/03.066	1)INSTITUT FRANCAIS DU PETROLE
(32) Priority Date	:08/03/2000	Address of Applicant :1 & 4 AVENUE DE BOIS-PREAU, 92852
(33) Name of priority country	:France	RUEIL MALMAISON. France
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MR CHAU CHRISTOPHE.
(87) International Publication No	: NA	2)MR DERRIEN MICHEL.
(61) Patent of Addition to Application Number	:NA	3)MR METHIVIER ALAIN.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 14

(57) Abstract :

The present invention relates to a process for selective hydrogenation of a hydrocarbon feed containing hydrogen and C2+ hydrocarbons comprising diolefins, polyolefins and acetylenics with the provision that said hydrogen in the feed is present in a stoichiometric excess of that required for saturating the monoolefins, diolefins, polyolefins and acetylenics, said process comprising the steps of a) at least one step for separating a fraction of the hydrogen contained in the feed by means of a membrane under conditions to produce a retentate having a mol ratio of hydrogen to the sum of moles of diolefins, polyolefins and acetylenics 'of 1.8: 1 to 1.2: 1, (b) a step for selective hydrogenation of the effluent from step a) in a reactive column and optionally step c) for hydrogenation of the effluent from step b).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.196/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :05/03/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN ELECTRO MAGNETIC TRIP DEVICE FOR A CIRCUIT BREAKER AND ELECTRICAL PROTECTION APPARATUS COMPRISING SUCH A DEVICE

(51) International classification	:H01H 83/00
(31) Priority Document No	:0003213
(32) Priority Date	:14/03/2000
(33) Name of priority country	:France
(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)SCHNEIDER ELECTRIC INDUSTRIES SA
Address of Applicant :89 BOULEVARD FRANKLIN ROOSEVELT,F-92500 RUEIL MALMAISON. France

(72)**Name of Inventor :**
1)JACQUES BALLY BERARD
2)YANNICK GUSTIN.
3)ERIC PANAYE

No of Pages : 11

No of Claims : 4

(57) Abstract :

The invention relates to an electro magnetic trip device (5), in particular for a circuit breaker D, comprising at least one core called the moving core associated to a rod, the assembly being mounted sliding inside a sheath (7), and induction coil (11) through which the current to be monitored flows and designed to generate, when this current exceeds a certain threshold, a magnetic field able to generate movement of the moving " core and the rod between a rest position and a position in which an end of the rod forming a striker commands tripping of the opening and closing mechanism (3) of the contacts (1, 2), a means for channeling the magnetic field generated by the coil (11) and an arcing horn (13) electrically connected to the stationary contact and designed to guide the arc in the direction of the arc extinguishing chamber C during breaking. The means for channeling the magnetic field is formed by the arcing horn (13) itself, said horn (13) being arranged so that the magnetic flux generated by the coil (11) and originating from the moving core flows successively through the stationary contact (1) of the apparatus and the arcing horn (13) before rejoining the moving core.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.21/MAS/2003 A

(19) INDIA

(22) Date of filing of Application :09/01/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : MEDIA CONVERTOR

(51) International classification

:H04L
29/00

(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)MRO-TEX LIMITED

Address of Applicant :MRO HOUSE" NO.14,1st Main Road,
Ganganagar, Bangalore-560 032, Karnataka Indian Karnataka India

(72)Name of Inventor :

1)MADAN GOPAL SESHADRI

No of Pages : 18

No of Claims : 17

(57) Abstract :

The invention relates to an apparatus and a method for conversion of signals between Ethernet cables and fiber-optic cables. A media converter unit with the entire circuit assembly contained within the housing with ports for receiving the data and power cables on the face plate surface along with the two adjacent ports mounted preferably on the same side of the PCB and having the internal supply power card as power source and a internal, network card with dual BCM 5521 10/ 100 base - TX/ Fx Mini PHY Transceivers connected using RMII interface, without the use of an external buffer or switch IC, employed for receiving, converting and transmitting data signal from one media into second media and vice verse with delay in conversion process brought. down to minimum.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2103/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :18/09/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD AND SYSTEM FOR CONTROLLING THE POWER OF A MOBILE STATION TRANSMISSION SIGNAL

(51) International classification	:H04 J 13/02	(71) Name of Applicant : 1)QUALCOMM INCORPORATED
(31) Priority Document No	:08/933889	Address of Applicant :6455 LUSK BOULEVARD, SAN DIEGO,
(32) Priority Date	:19/09/1997	CALIFORNIA 92121 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)SOLIMAN SAMIR S
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 10

(57) Abstract :

A method and system for open loop power control in a CDMA communication system. The method and system controls the power of a mobile station transmission signal in a CDMA communication system having a base station which transmits a pilot signal. The method includes calculating, in the base station, a base station pilot transmit power value, and a base station receiver sensitivity value. The base station transmits the pilot transmit power value and the receiver sensitivity value to said mobile station. In turn, the mobile station calculates a mean output power in response to the base station pilot transmit power value and the base station receiver sensitivity value.

(54) Title of the invention : "A CYLINDER HEAD"

(51) International classification

:F02B
25/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TVS MOTOR COMPANY LIMITED,Address of Applicant : "Jayalakshmi Estates", # 08, Haddows Road,
Chennai-600 006. Tamil Nadu India

(72)Name of Inventor :

1)Y RAMACHANDRA BABU**2)K. NAGARAJA****3)V Lakshmi Narasimhan**

No of Pages : 13

No of Claims : 6

(57) Abstract :

A cylinder head for an overhead cam operated internal combustion engine, comprising a lower part and an upper part; the lower part accommodating components including the cam shaft, rocker arms, cam driven sprocket, valve assemblies; and spark button(s); the upper part seating itself on a ledge, provided all around the external periphery of the lower part, to provide a cover for the lower part, said ledge being located at a predetermined level below the top surface of the camshaft bearing housing' a recess provided on the side wall of the lower part, in alignment with the cam bore of the lower part, the mouth of the recess being flush with the ledge and of size facilitating assembly of the camshaft and machining of the cam bore, said recess receiving a stopper in snug fit, so as to provide a cover for the recess, while a button on the stopper is closely disposed to the end face of the cam driven sprocket and thus results in arresting any axial movement of the camshaft away from the bearing housing, the stopper being firmly held in place within the recess whenever the upper part is placed on the lower part and fastened thereto.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2179/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :23/11/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : MACHINE FOR PASTING

(51) International classification	:B65C 9/00	(71) Name of Applicant : 1)ALAPATI RAMANAJANEYULU
(31) Priority Document No	:NA	Address of Applicant :22B-13-23 ANASUYA BHAVAN
(32) Priority Date	:NA	CHADALAVADAVARI STREET POWERPET ELURU-534002 WEST
(33) Name of priority country	:NA	GODAVARI DIST. AP Andhra Pradesh India
(86) International Application No	:NA	2)TOOTHA KRISHNA BAGHAVAN
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)ALAPATI RAMANAJANEYULU
(61) Patent of Addition to Application Number	:NA	2)TOOTHA KRISHNA BAGHAVAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 10

(57) Abstract :

The present invention relates to the paste application apparatus is capable of applying evenly a layer of masala to each of the core bamboo stick as the bamboo stick is movable on to an application area or known as coating zone, wherein the paste of predetermined volume is rolled on to the bamboo stick, and the coated bamboo sticks moves away from the zone thereafter.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2220/CHENP/2004 A

(19) INDIA

(22) Date of filing of Application :05/10/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PRINthead CHIP FOR AN INKJET PRINthead

(51) International classification	:B41J 2/14	(71)Name of Applicant :
(31) Priority Document No	:10/120,439	1)SILVERBROOK RESEARCH PTY LTD
(32) Priority Date	:12/04/2002	Address of Applicant :393 Darling Street, Balmain, New South Wales
(33) Name of priority country	:U.S.A.	2041 Australia
(86) International Application No	:PCT/AU02/01168	(72)Name of Inventor :
Filing Date	:29/08/2002	1)SILVERBROOK, KIA
(87) International Publication No	:WO/2003/086765	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 11

(57) Abstract :

A printhead chip for an ink jet printhead that includes a plurality of nozzle arrangements on a silicon wafer substrate (12). Each nozzle arrangement (10) has an active and static ink ejection structures positioned on the substrate. The active ink ejection structure (20) has a roof (22) with an ink ejection port (26) defined in the roof. The active ink ejection structure (20) and the static ink ejection structure (34) together define a nozzle chamber (42) in fluid communication with an ink supply. At least two thermal bend actuators (28) are operatively arranged with respect to the active ink ejection structure to displace the active ink ejection structure with respect to the static ink ejection structure towards and away from the substrate to reduce and increase a volume of the nozzle chamber to eject an ink drop from the nozzle chamber. The actuators (28) are configured and connected to the active ink ejection structure to impart substantially rectilinear movement to the active ink ejection structure.

(54) Title of the invention : A PRINthead CHIP FOR AN INKJET PRINthead

(51) International classification	:B41J 2/14	(71) Name of Applicant :
(31) Priority Document No	:10/120,346	1)SILVERBROOK RESEARCH PTY LTD
(32) Priority Date	:12/04/2002	Address of Applicant :393 Darling Street, Balmain, New South Wales
(33) Name of priority country	:U.S.A.	2041 Australia
(86) International Application No	:PCT/AU02/01169	(72) Name of Inventor :
Filing Date	:29/08/2002	1)SILVERBROOK, KIA
(87) International Publication No	:WO/2003/086766	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 11

(57) Abstract :

A printhead chip for an inkjet printhead includes a substrate. A plurality of nozzle arrangements is positioned on the substrate. Each nozzle arrangement includes nozzle chamber walls and a roof that define a nozzle chamber with the roof defining an ink ejection port in fluid communication with the nozzle chamber. An ink-ejecting member is positioned in the nozzle chamber. The ink-ejecting member is displaceable towards and away from the ink ejection port so that a resultant fluctuation in ink pressure within the nozzle chamber results in an ejection of ink from the ink ejection port. At least one work-transmitting structure is displaceable with respect to the substrate and is connected to the ink-ejecting member so that displacement of the work transmitting structure results in displacement of the ink-ejecting member. An actuator is connected to the work-transmitting structure. The actuator is capable of displacing the work transmitting structure upon receipt of an electrical drive signal. Air chamber walls and a covering formation are positioned over the actuator, the air chamber walls and the covering formation defining an air chamber in which the actuator is positioned. The roof, the work transmitting structure and the covering formation together define a protective structure positioned in a common plane.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2222/CHENP/2004 A

(19) INDIA

(22) Date of filing of Application :05/10/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PRINthead CHIP FOR AN INKJET PRINthead

(51) International classification	:B41J 2/14	(71)Name of Applicant :
(31) Priority Document No	:10/120,345	1)SILVERBROOK RESEARCH PTY LTD
(32) Priority Date	:12/04/2002	Address of Applicant :393 Darling Street, Balmain, New South Wales
(33) Name of priority country	:U.S.A.	2041 Australia
(86) International Application No	:PCT/AU02/01164	(72)Name of Inventor :
Filing Date	:29/08/2002	1)SILVERBROOK, KIA
(87) International Publication No	:WO/2003/086767	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 10

(57) Abstract :

.A printhead chip for an inkjet printhead includes a substrate. A plurality of nozzle arrangements is positioned on the substrate. Each nozzle arrangement includes a nozzle chamber structure that is positioned on the substrate and that defines a nozzle chamber from which ink is to be ejected. An ink-ejecting mechanism is operatively arranged with respect to the nozzle chamber structure. The ink-ejecting mechanism includes at least one moving component that is displaceable to generate a pressure pulse within the nozzle chamber to eject ink from the nozzle chamber. An actuator is positioned on the substrate and has at least one working member that is of a material having a coefficient of thermal expansion such that the, or each, working member is capable of substantially rectilinear expansion and contraction when heated and subsequently cooled. An energy transmitting means interconnects the, or each, moving component and the, or each, working member so that energy generated by the, or each, working member as a result of expansion and subsequent contraction of the, or each, working member is transmitted to the, or each, moving component resulting in displacement of the, or each, moving component and generation of said pressure pulse.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2226/CHENP/2004 A

(19) INDIA

(22) Date of filing of Application :05/10/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD AND APPARATUS FOR PROCESSING AN IMAGE FOR PRINTING

(51) International classification	:H04N 1/40
(31) Priority Document No	:10/120,350
(32) Priority Date	:12/04/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU02/00774
Filing Date	:14/06/2002
(87) International Publication No	:WO/2003/086762
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SILVERBROOK RESEARCH PTY. LTD.

Address of Applicant :393 Darling Street, Balmain, New South Wales
2041 Australia

(72)Name of Inventor :

1)SILVERBROOK, Kia

No of Pages : 28

No of Claims : 18

(57) Abstract :

The present invention relates to a method of processing an image for printing, the method comprising the steps of receiving image data in an image storage format; transforming the image data into print data at a rate of at least one billion pixels per second; and communicating the print data to a printhead. An image processing apparatus for a printer comprises a print engine controller that -is configured to receive image data in an image storage format. The print engine controller comprises data processing circuitry that is configured to process the image data at a rate of at least one billion pixels per second to transform the data into print data. The print engine controller comprises data communication circuitry that is operatively connected to the data processing circuitry and is configured to communicate the print data to a printhead.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2251/CHENP/2004 A

(19) INDIA

(22) Date of filing of Application :07/10/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : THERMALLY-CONDUCTIVE BIOLOGICAL ASSAY TRAYS

(51) International classification	:B01L 3/00	(71) Name of Applicant :
(31) Priority Document No	:60/373,014	1)COOL OPTIONS, INC.
(32) Priority Date	:15/04/2002	Address of Applicant :333 Strawberry Field Road, Warwick, RI 02886
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US03/10853	(72) Name of Inventor :
Filing Date	:08/04/2003	1)MILLER, James, D
(87) International Publication No	:WO/2003/089139	2)MCCULLOUGH, Kevin, A.
(61) Patent of Addition to Application Number	:NA	3)SAGAL, E., Mikhail
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 17

(57) Abstract :

A thermally-conductive biological assay tray (10) is provided. The trays are made from a polymer composition comprising a base polymer matrix and a thermally-conductive material. The trays can be used for fluorescent immunoassays. The fluorescence level of the polymer composition is sufficiently low such that it does not interfere with the fluorescent immunoassay process. The invention also includes methods for making the bioassay trays.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2253/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :08/10/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : OSCILLATOR ARRANGEMENTS

(51) International classification	:H03B5/00
(31) Priority Document No	:GB 9721364.9
(32) Priority Date	:09/10/1997
(33) Name of priority country	:U.K.
(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)E2V TECHNOLOGIES (UK) LIMITED ,
Address of Applicant :106 WATERHOUSE LANE , CHELMSFORD ,
ESSEX CM12QU , U.K.
(72)**Name of Inventor :**
1)DAVID RICHARD MATTHEWS
2)PETER HENRY FOREMAN
3)MARTIN BERNARD EDWARDS

No of Pages : 15

No of Claims : 10

(57) Abstract :

An oscillator arrangement includes a triode having an anode 2, grid 3 and cathode 4 and a tank circuit 6 having a resonant frequency F. Feedback is provided to the grid 3 and a harmonic resonant circuit, or circuits, are included either between the anode 2 and the tank circuit 6 or between the cathode 4 and tank circuit 6. The arrangement enables Class D operation to be achieved with a relatively simple circuit arrangement.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.230/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :14/03/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PORTABLE OBJECT, SUCH AS IN PARTICULAR A TIMEPIECE HAVING MEANS FOR LOADING OR EXTRACTING DATA FROM SAID PORTABLE OBJECT

(51) International classification	:G04G 1/02	(71) Name of Applicant :
(31) Priority Document No	:0513/00	1)ETA SA FABRIQUES D'EBAUCHES
(32) Priority Date	:17/03/2000	Address of Applicant :SCHILD-RUST-STRASSE 17, CH-2040
(33) Name of priority country	:Switzerland	GRENCHE. Switzerland
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DANIEL PARATTE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 17

(57) Abstract :

The present invention concerns a portable object such as, in particular, a timepiece, including an electronic movement carried by a printed circuit (20), this electronic movement including a time base circuit, a frequency divider circuit powered by the time base, a control circuit (22) connected to the divider circuit and a display system controlled by the control circuit, this portable object also including at least one push-button (8,10) including a head (26) and a stem (16) passing through the middle part (4) of a case (2) closed by a back cover (6), characterised in that the push-button stem (16) can be electrically connected to a data input (42, 44) of the control circuit (22) by pressing on the push-button (8, 10), so that it is possible, via this stem (16), to enter data into said control circuit (22), originating from an electronic unit (45) for transmitting and receiving digital data such as a personal computer or PC or to extract data contained in said portable object.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2345/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :20/10/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR PREPARING A LUBRICANT OIL BASESTOCK

(51) International classification	:C10M 101/00	(71)Name of Applicant : 1)MOBIL OIL CORPORATION
(31) Priority Document No	:60/062,824	Address of Applicant :3225 GALLOWS ROAD,FAIRFAX,VIRGINIA
(32) Priority Date	:20/10/1997	22037 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)FORBUS THOMAS R
Filing Date	:NA	2)JIANG ZHAOZHONG
(87) International Publication No	: NA	3)PARTRIDGE RANDALL D
(61) Patent of Addition to Application Number	:NA	4)SCHRAMM SUZANNE E
Filing Date	:NA	5)TREWELLA JEFFREY C
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 14

(57) Abstract :

The present invention relates to a process for preparing a lubricant oil basestock, containing a paraffinic hydrocarbon components in which the extent of branching, as measured by the percentage of methyl hydrogens (BI), and the proximity of branching, as measured by the percentage of recurring methylene carbons which are four or more carbons removed from an end group or branch ($CH_2 > 4$), are such that: (a) $BI - 0.5(CH_2 > 4) > 15$; and (b) $BI + 0.85(CH_2 > 4)$

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF CEPHALOSPORIN ANTIBIOTICS

(51) International classification

:C07D
501/00

(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)ORCHID CHEMICALS & PHARMACEUTICAL LTDAddress of Applicant :ORCHID TOWERS, 313, VALLUVAR
KOTTAM HIGH ROAD, NUNGAMBAKKAM, CHENNAI-600 034
Tamil Nadu India

(72)Name of Inventor :

1)PANDURANG BALWANT DESHPANDE**2)PARVEN KUMAR LUTHRA**

No of Pages : 23

No of Claims : 8

(57) Abstract :

A process for the preparation of cephalosporins of the formula (I) which comprise: (i) condensing the activated derivative of the formula (III) where X represents halogen atom such as chlorine or bromine, with silylated derivative of 7-amino cephalosporin of the formula (XIII) wherein R represents lower alkyl, p-methoxybenzyl, p-nitrobenzyl or diphenylmethyl group in the presence of a solvent at a temprature in the range of 50 degree celsiuse to 0degree celsiuse produce a compound of formula (XIV) where R is as defined earlier, (ii) cyclising the compound of formula (XIV) with thiourea in the presence of solvent and sodium acetate at room temperature to produce cephalosporin compounds of the formula (XV) wherein R is as defined earlier, (iii) deesterifying the compound of formula (XV) using anisole/trifluoroacetic acid, phenol/ tritluoroacetic acid, formic acid in the presence or absence of a solvent at a temperature in the range of 0 Â°C to 10Â°C to produce a compound of formula (I) and (iv) converting the compound of formula (I), to its pharmaceutically acceptable salt.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2364/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :21/10/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : A NANOCOMPOSITE MAGNETIC MATERIAL

(51) International classification	:H 01F 1/05	(71) Name of Applicant :
(31) Priority Document No	:60/062,940	1)SANTOKU CORPORATION
(32) Priority Date	:22/10/1997	Address of Applicant :4-14-34 FUKAE-
(33) Name of priority country	:U.S.A.	KITAMACHI,HIGASHINADA-KU,KOBE,HYOGO 658-0013 Japan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BAO-MIN MA
(87) International Publication No	: NA	2)CHARLES O BOUNDS
(61) Patent of Addition to Application Number	:NA	3)WEN CHENG CHANG
Filing Date	:NA	4)QUN CHEN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 36

(57) Abstract :

The present invention relates to a nanocomposite magnetic material of the formula: (REI-y Lay)_v Fe_{100-v-w-x-z}Co_wM_zB_x, where RE is at least one element selected from the group consisting of Ce, Pr, Nd, Pm, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb and Lu; M is at least one refractory metal selected from the group consisting of Ti, Zr, Hf, V, Nb, Ta, Cr, Mo and W; v is from 5 to 15; w is from 0 to 40; x is from 9 to 30; y is from 0.05 to 0.5; and z is from 0.1 to 5.

(54) Title of the invention : PROCESS AND APPARATUS FOR GENERATING FUEL-,SYNTHESIS-AND REDUCTION GAS FROM RENEWABLE AND FOSSIL FUELS, BIOMASSES REFUSE OR SLUDGES

(51) International classification	:C10J 3/46	(71) Name of Applicant :
(31) Priority Document No	:19747324.5	1)DR. ING . BODO WOLF
(32) Priority Date	:28/10/1997	Address of Applicant :BAHNHOFSTRASSE 4A, 09638
(33) Name of priority country	:Germany	LICHTENBERG. Germany
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DR. ING . BODO WOLF
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 24

(57) Abstract :

The present InVentlon relates to a process and an apparatus tor generatIng ruel, synthesis and reduction gas from renewable and fossil fuels, other biomasses, refuse or sludges, in which context the latter are separated to the largest possible extent into gaseous and solid products, e.g. low temperature carbonisation gas and charcoal, prior to being fed into the reactor and being conveyed separately to the reactor, the reactor, according to the invention, consisting of a combined fuel burner, a combustion chamber, an entrained flow gasifier, a heat compensating duct as well as a water bath, in which case the combined fuel burner is provided with means for the substoichiometric combustion of the gaseous low temperature carbonisation products and with vortex means flinging the liquid components towards the combustion chamber wall. The liquid slag droplets drop into a water bath. The pulverised fuel can react endothermally with the gasifying agent from the combustion chamber into gasification gas, the residual coke being so swirled that it lowers the temperature of the combustion chamber wall below the slag melting temperature due to convective heat adsorption, a protective layer forming from solidified slag on the interior wall of the combustion chamber.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2386/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :23/10/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : SYNCHROTILT CHAIR WITH FORWARDLY MOVABLE SEAT

(51) International classification	:A47C 3/00	(71) Name of Applicant :
(31) Priority Document No	:08/957,604	1)STEELCASE CORPORATION
(32) Priority Date	:24/10/1997	Address of Applicant :901 44TH STREET,S.E,GRAND
(33) Name of priority country	:U.S.A.	RAPIDS,MICHIGAN 49508 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KURT R HEIDMANN
(87) International Publication No	: NA	2)LARRY DEKRAKER
(61) Patent of Addition to Application Number	:NA	3)GLENN A KNOBLOCK
Filing Date	:NA	4)DAVID S TEPP
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 46

No of Claims : 37

(57) Abstract :

A chair comprising a base assembly for supporting the chair on a floor surface while a seated user is performing tasks; a back frame pivoted to the base assembly at a back pivot for movement between a plurality of working positions comprising upright and reclined working positions; and a seat pivoted to the back frame at a seat pivot spaced rearwardly and below the back pivot, the seat being slidably supported at a front portion of the base assembly for horizontal movement, the back pivot and the seat pivot being interconnected and arranged to move the seat generally forwardly and also move a rear portion of the seat downwardly with a synchronous pivoting motion as the back frame is reclined, whereby a seated user is comfortably supported in the upright and reclined working positions, and whereby the seated user is able to continue working while moving between the upright and reclined working positions without constantly having to move and adjust the base assembly back and forth relative to a stationary worksurface.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.239/MAS/2003 A

(19) INDIA

(22) Date of filing of Application :21/03/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : A CENTRIFUGAL ENGINE CHARGER DRIVEN BY COMBINED GEARING SYSTEM FOR MULTI SPEED OPERATION AND A METHOD OF POWER TRANSMISSION

(51) International classification	:F16H 3/48	(71)Name of Applicant : 1)PREUSSE INDIA (P) LTD
(31) Priority Document No	:NA	Address of Applicant :884, KAMAKSHI PALYA EXTENSION,
(32) Priority Date	:NA	BANGALORE-560 079 Karnataka India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)RAJEEV SIDDARAMAPPA HUNDEKAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 12

(57) Abstract :

The present invention provides to a Centrifugal Engine Charger for Internal combustion Engine (IC Engines) driven by a plurality of gear drives comprising eccentric and planetary drives to provide variable speed drive to an engine. The present invention also provides a method of power transmission to the engine charger.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2397/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :26/10/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : PORTABLE COMPUTERS

(51) International classification	:G06K 11/18	(71) Name of Applicant :
(31) Priority Document No	:9722766.4	1)BRITISH TELECOMMUNICATIONS PUBLIC LIMITED
(32) Priority Date	:28/10/1997	COMPANY
(33) Name of priority country	:U.K.	Address of Applicant :81 NEWGATE STREET, LONDON EC1A
(86) International Application No	:NA	7AJ,ENGLAND. U.K.
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)HILARY LYNDSEY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 23

(57) Abstract :

A portable computer arranged to rest comfortably in the hand having a small display screen. Accelerometers capable of detecting movement of the pen with respect to gravity provide input to a microcontroller which selects from a number of viewing modes a response. The pen may be held in either hand and output message to the screen will be oriented according to the location of the pen. Full personal digital assistant functionality may be incorporated in a relatively small plastics casing and functions, such as calendar, contacts and the like may be incorporated.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.241/CHE/2003 A

(19) INDIA

(22) Date of filing of Application :24/03/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : ROBO PUPPET

(51) International classification

:A63H
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)THE REGISTRAR

Address of Applicant :INDIAN INSTITUTE OF SCIENCE,
BANGALORE. Karnataka India

(72)Name of Inventor :

1)NARASIMHIAH SUBRAHMANYAM DINESH

No of Pages : 9

No of Claims : 5

(57) Abstract :

Disclosed herein is a Robo Puppet i.e. a robotic system for the automation of conventional puppetry. The Robo Puppet of the present invention comprises of at least one Robo Manipulator, a joystick programmer, a computer and a multi axes real time controller to carry out the functions/motions of the puppet.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2438/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :29/10/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : PARTICLES HAVIN AN ATTACHED STABLE FREE RADICAL POLYMERIZED MODIFIED PARTICLES AND METHODS OF MAKING THE SAME

(51) International classification	:C09C 1/56	(71) Name of Applicant :
(31) Priority Document No	:08/962,244	1)CABOT CORPORATION
(32) Priority Date	:31/10/1997	Address of Applicant :75 STATE STREET BOSTON,
(33) Name of priority country	:Russia	MASSACHUSETTS 02109-1806 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)WHYNE DEVONPORT
(87) International Publication No	: NA	2)WHYNE DEVONPORT
(61) Patent of Addition to Application Number	:NA	3)RUSSEL L WARLEY
Filing Date	:NA	4)THIMMA RAWAAPALLY
(62) Divisional to Application Number	:NA	5)HAIRUO TU
Filing Date	:NA	

No of Pages : 57

No of Claims : 69

(57) Abstract :

The present invention relates to a modified particle comprising a particle having attached a group having the formula: wherein A represents at least one aromatic group or at least one alkyl group; R I represents a bond, an arylene group, an alkylene group, -O-, -NH-, -S-, -OR4_, - NR4 , wherein R4 is an alkyl or alkylene group or an aryl or arylenc group; R2 and R3 which can be the same or different, represent hydrogen, an alkyl group, an aryl group, -OR5, -NHR5, -NR5R5, or -SR5 wherein each R5, which is the same or different, represents an alkyl group or an aryl group; and SFR represents a stable free radical.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2472/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :02/11/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PIEZOELECTRIC IGNITION MECHANISM

(51) International classification	:H01L 41/08	(71) Name of Applicant : 1)BIC CORPORATION
(31) Priority Document No	:08/962,672	Address of Applicant :500 BIC DRIVE,MILFORD,CT 06460 U.S.A.
(32) Priority Date	:03/11/1997	(72) Name of Inventor :
(33) Name of priority country	:U.S.A.	1)GUY LAFOREST
(86) International Application No	:NA	2)MARCEL MEURY
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 12

(57) Abstract :

A piezoelectric mechanism is disclosed that is normally depressible but would not produce a spark, unless a latch member is first activated to engage the plexor relative to the piezoelectric system, so that when the piezoelectric mechanism is compressed, the plexor is released to impact the piezoelectric system to produce a spark to ignite fuel gas.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2487/CHENP/2004 A

(19) INDIA

(22) Date of filing of Application :02/11/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD AND COMMUNICATION SYSTEM FOR CONTROLLING SECURITY ASSOCIATION LIFETIME

(51) International classification	:H04L 12/56
(31) Priority Document No	:60/377,965
(32) Priority Date	:07/05/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB03/01655
Filing Date	:29/04/2003
(87) International Publication No	:WO/2003/096603
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4, FIN-02150 Espoo. Finland

(72)Name of Inventor :

1)BAJKO, Gabor;

2)HAUKKA, Tao

No of Pages : 15

No of Claims : 17

(57) Abstract :

The present invention relates to a method for selecting a time length of a security association (SA) between user equipment (UE) which transmits and receives communications and a control entity in a communication system in accordance with the invention, includes transmitting a registration message (SM1) from the user equipment to the control entity (P-CSCF) requesting registration of the user equipment with the control entity; after transmission of the registration message, setting the time length of the security association between the user equipment and the control entity to be equal to a registration time length set between the user equipment and the control entity during which registration of the user equipment with the control entity is valid; and transmitting the set time length of the security association to the user equipment as part of an acknowledgment message (SM10 or SM12) to the registration message to cause the security association to have a time equal to the registration timer length.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2502/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :05/11/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : A WIRELESS SELECTIVE CALLING RECEIVER AND AN EXTERNAL REGISTERING DEVICE

(51) International classification	:H 04 Q 7/20	(71)Name of Applicant : 1)MATSUSHITA ELECTRIC INDUSTRIAL CO.LTD
(31) Priority Document No	:9-323955	Address of Applicant :1006 KADOMA, KADOMA-SHI , OSAKA 571
(32) Priority Date	:11/11/1997	, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)HIDENORI SUZUKI
Filing Date	:NA	2)HIDEKI KUGA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 7

(57) Abstract :

The invention relates to a wireless selective calling receiver comprising: display means for displaying character or pattern; memory means for storing a set of characters and pattern data; and controller for controlling operations of said display means and said memory means to display the character or pattern on said display means, wherein said memory means is connectable to an external registering device, said external registering device newly registering into said memory means optional character or pattern data, which is formed by said external registering device .

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2535/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :10/11/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN AIR CONDITIONER WITH HIGH EFFICIENCY DIFFERENTIAL HEAT-EXCHANGING TUBES

(51) International classification

:F24F
5/00

(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)TA-CHIN WANG

Address of Applicant :NO 269,SEC-2,ANHO
RD,TAINAN,TAIWAN,R.O.C Taiwan

(72)Name of Inventor :

1)TA-CHIN WANG

2)A-MING JI

No of Pages : 26

No of Claims : 11

(57) Abstract :

The present invention provides an air conditioner which employs a lowpressure pump (M) and utilizes air to drive the cooling and heating cycles. The air conditioner comprises a first differential heat exchanger (J1), a second differential heat exchanger (J2) and a low-pressure pump (M). The first and second differential heat exchangers (J1) (J2) are constituted of J-tubes, which are high efficiency heat transfer devices. The low-pressure pump (M) is connected between a vapor-outlet tube of the first differential heat exchanger (J1) and a vapor-inlet tube of the second differential heat exchanger (J2).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.256/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :20/03/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PRESSURE REGULATING DEVICE CAPABLE OF BEING USED WITH A BREATHING ASSISTANCE APPARATUS AND A BREATHING ASSISTANCE APPARATUS FOR SUPPLYING GAS TO A PATIENT IN COMBINATION WITH SAID DEVICE

(51) International classification	:A62B 18/02	(71) Name of Applicant :
(31) Priority Document No	:NA	1)FISHER & PAYKEL LIMITED.
(32) Priority Date	:NA	Address of Applicant :A COMPANY DULY INCORPORATED
(33) Name of priority country	:NA	UNDER THE LAWS OF NEWZEALAND, 78 SPRINGS ROAD, EAST
(86) International Application No	:NA	TAMAKI, AUCKLAND. New Zealand
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)CRAIG ROBERT JEFFREY
(61) Patent of Addition to Application Number	:NA	2)GRAEME WOOLMORE
Filing Date	:NA	3)ANTHONY JAMES NEWLAND
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 14

(57) Abstract :

A pressure regulator (134) according to the present invention is disclosed for regulating the expiratory flow (130) in a CPAP system (118). Prior art CPAP systems are typically regulated by adjusting the pressure at the gas supply. Similarly the gas supply is not able to provide high frequency oscillations on top of the main level of pressure delivered to the patient. The regulator (134) according to the present invention comprises submerging a tube (136) into a column of water (138) to pass the expiratory gases of the user, thereby providing a back pressure corresponding to a positive mean pressure together with bubbling providing pressure variations. Improvements are included for adjusting the level to which the tube is submerged (146) and for ensuring constant water level (218).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2565/CHENP/2004 A

(19) INDIA

(22) Date of filing of Application :16/11/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : ROUTING DATA PACKETS THROUGH A WIRELESS NETWORK

(51) International classification	:H04L 12/56
(31) Priority Document No	:02112886.0
(32) Priority Date	:16/05/2002
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB03/01836
Filing Date	:14/04/2003
(87) International Publication No	:WO/2003/098882
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4, FIN-02150 Espoo Finland

(72)Name of Inventor :

1)LAHETKANGAS, Keijo

2)MUSTONEN, Kai

No of Pages : 17

No of Claims : 16

(57) Abstract :

The present invention relates to a method of routing data packets through a ..wireless network, the method comprising: identifying bandwidth information for each data packet; determining distance information for each data packet; using the bandwidth and distance information to determine a priority indicator for transmitting the data packets over the network; and using the priority indicator at each node in said netWork to control transmission of the data packets through the network.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2567/CHENP/2004 A

(19) INDIA

(22) Date of filing of Application :16/11/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : (IMIDAZOL-1-YL-METHYL)-PYRIDAZINE AS NMDA RECEPTOR BLOCKER

(51) International classification :C07D 403/06
(31) Priority Document No :02010217.4
(32) Priority Date :16/05/2002
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP03/05151
Filing Date :16/05/2003
(87) International Publication No :WO/2003/097637
(61) 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 Basle
Switzerland
(72)**Name of Inventor :**
1)BUETTELMAHN, Bernd
2)HEITZ NEIDHART, Marie-Paule
3)JAESCHKE, Georg
4)PINARD, Emmanuel

No of Pages : 63

No of Claims : 17

(57) Abstract :

The present invention relates to a compounds of formula wherein. A is an unsubstituted or substituted cyclic group; and R is hydrogen or C1-C7 alkyl; . and pharmaceutically acceptable acid addition salts thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2568/CHENP/2004 A

(19) INDIA

(22) Date of filing of Application :16/11/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : A CIRCULATING GRINDING PLANT FOR THE GRINDING OF RAW MATERIAL

(51) International classification	:B02C 4/00	(71)Name of Applicant :
(31) Priority Document No	:102 21 739.4	1)KHD HUMBOLDT WEDAG AG
(32) Priority Date	:16/05/2002	Address of Applicant :Dillenburger Strasse 69, 51105 Koln Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP03/05017	1)HAGEDORN, Alexander
Filing Date	:14/05/2003	2)FISCHER-HELVIG, Frank
(87) International Publication No	:WO/2003/097241	3)SPLINTER, Christian
(61) Patent of Addition to Application Number	:NA	4)FRANGENBERG, Meinhard
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 7

(57) Abstract :

A circulating grinding plant for the grinding of raw material, with a high-pressure roller mill or roller press with product bed comminution of the feed material and with a sifter device, comprising a static cascade sifter, to which at least one additional sifter ; is subsequently added on the sifting air current side, whose oversize material discharge is in connection with the material feed of the roller press, characterized in that: a) the static cascade sifter is disposed beneath the gap of the roller press, b) the "subsequent sifter with its coarse grain discharge pipe is disposed above the roller press, c) the sifting material discharge area of the static cascade sifter is connected to the sifting air and sifting product inlet of the subsequent sifter via an ascending duct which pneumatically conveys the product.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2580/CHENP/2004 A

(19) INDIA

(22) Date of filing of Application :17/11/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : A COMPOSITION FOR TREATING METASTATIC CANCER BY ADJUVANT THERAPY

(51) International classification	:A61K 31/337	(71) Name of Applicant :
(31) Priority Document No	:60/380,850	1)AVENTIS PHARMA S.A.
(32) Priority Date	:17/05/2002	Address of Applicant :20, avenue Raymond Aron, F-92160 Antony
(33) Name of priority country	:U.S.A.	France
(86) International Application No	:PCT/EP03/07443	(72) Name of Inventor :
Filing Date	:15/05/2003	1)CHAKROUN, Hichem
(87) International Publication No	:WO/2003/097164	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 7

(57) Abstract :

The present invention relates to a composition for treating metastatic cancer by adjuvant therapy, especially metastatic breast cancer and ovarian cancer, comprising docetaxel, doxorubicin and cyclophosphamide in amounts effective to reduce or eliminate the presence of cancer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2596/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :17/11/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR PRODUCING ALUMINA TRIHYDRATE

(51) International classification	:B 01J 101/34	(71) Name of Applicant : 1)ALUMINIUM PECHINERY
(31) Priority Document No	:97 14590	Address of Applicant :TOUR PASCAL << A >> 6,PLACE
(32) Priority Date	:17/11/1997	DESDEGRES,LA DEFENSE 7 92400 COURBEVOIE France
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:NA	1)BASSAM EL KADI
Filing Date	:NA	2)PHILIPPE CLERIN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 10

(57) Abstract :

The present invention relates to a process for producing alumina trihydrate comprising digesting bauxite ore in a mixture with a digestion sodium aluminate liquor to produce a slurry, settling the slurry to remove undigested residues therefrom and produce a pregnant liquor of sodium aluminate, and precipitating alumina trihydrate (8, 8') from the pregnant liquor (1,1') in the presence of alumina trihydrate recycled as seed (2, 2'), the improvement comprising, a) at the beginning of said precipitation, removing an aliquot (11, 219) of the pregnant liquor having recycled alumina trihydrate, b) subjecting said aliquot to mechanical action of an intensity and for a time sufficient to cause formation of seeds, and c) returning said aliquot having the formed seeds to the beginning of the precipitation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2599/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :17/11/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN IMPROVED CARDING MACHINE WITH MEANS TO SENSE DRIVING MEDIUM FAILURE

(51) International classification	:D01G 15/36	(71) Name of Applicant : 1)LAKSHMI MACHINE WORKS LIMITED
(31) Priority Document No	:NA	Address of Applicant :PERIANAICKENPALAYAM,COIMBATORE
(32) Priority Date	:NA	641 020 Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)RANGASAMY VENKATARAMAN
Filing Date	:NA	2)GOPALAN BALASUNDARAM
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 6

(57) Abstract :

An improved carding machine with means to sense driving medium failure comprising a drivable carding cylinder unit and licker-in and a feed roller provided with a secondary drive wherein sensing means are provided for sensing (a) the load variation of a prime mover driving the carding cylinder and licker-in roller; (b) the speed variation of the carding cylinder and ticker-in roller; and/or (c) the absence of the driving medium in its guide path, control unit for processing the signals received from said sensing means, and actuating the stoppage of the carding machine.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2617/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :19/11/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN ELECTRICAL INTERRUPTION DEVICE

(51) International classification	:H 02J 13/00	(71) Name of Applicant : 1)SCHNEIDER ELECTRIC SA Address of Applicant :40, AVENUE ANDRE MORIZET -F- 92100 BOULOGNE BILLANCOURT , France
(31) Priority Document No	:9715811	
(32) Priority Date	:09/12/1997	(72) Name of Inventor :
(33) Name of priority country	:France	1)PATRICE LOUIS
(86) International Application No	:NA	2)JOCELYN LEMOINE ,
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 7

(57) Abstract :

The interruption device (1), circuit breaker or contactor, comprises a communication module (10) arranged in one of the locations (15) designed for auxiliary contacts (9). The module (10) is connected to the auxiliary contacts (9) and to a communication bus (5) to enable transmission of the states of the device to a supervision device, by means of the bus. The module (10) can also act as interface between the bus (5) and opening an closing control relays of the device, so as to enable remote control thereof by means of the bus.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2656/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :25/11/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : A DEVICE FOR SYNCHRONOUS RECTIFICATION OF THE OUTPUT OF AN AUTOMOBILE ALTERNATOR

(51) International classification

:H02J
1/07

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)LUCAS-TVS LIMITED

Address of Applicant :PADI,CHENNAI-600 050 Tamil Nadu India

(72)Name of Inventor :

1)DR.VENKATARAMANAN RAMANARAYANAN

2)JAYARAMAN CHANDRASEKARAN

No of Pages : 9

No of Claims : 2

(57) Abstract :

A device for the synchronous rectification of the output of an automobile alternator, comprising a set of comparators, for sensing the line voltage of the said alternator, the comparators deriving the zero crossings of the line voltages from the sensed outputs thereof; a one shot, a multiplexer controlled from the one-shot, and a mosfet driver, the one shot being driven by the comparators through the multiplexer and the zero crossing voltages starting the said one shot for deciding the ON state duration of the MOSFET; a demultiplexer through which the one shot output is steered MOSFET driver, said demultiplexer being controlled from the driver, one-shot.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.266/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :22/03/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : LOW PRESSURE GAS DISCHARGE LAMP

(51) International classification	:H01J 11/00	(71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(31) Priority Document No	:10014407.1	Address of Applicant :GROENEWOUDSEWEG 1, 5621 BA
(32) Priority Date	:24/03/2000	EINDHOVEN, Netherlands
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)KRAUS ALBRECHT.
Filing Date	:NA	2)RAUSENBERGER BERND.
(87) International Publication No	: NA	3)GROEN WILHELM ALBERT.
(61) Patent of Addition to Application Number	:NA	4)DANNERT HORST.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 13

(57) Abstract :

The invention relates to a low-pressure gas discharge lamp which includes at least one discharge vessel and at least two capacitive coupling-in structures and operates at an operating frequency f. In order to achieve a better efficiency in combination with a small , structural volume, a high luminous flux, a low operating voltage, a low electromagnetic emission, a high resistance against switching transients and a long service life for the low- pressure gas discharge lamp, it is proposed to form each capacitive coupling-in structure from at least one dielectric having a thickness d and a dielectric constant E, each dielectric being subj-ct to the condition $d/(f.E) < 10^{-8}$ cm.s. A substantially larger amount of light can thus be generated per lamp length (lumen/cm).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2673/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :26/11/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR THE MANUFACTURE OF A POLYENE ALDEHYDE

(51) International classification	:C07C 47/21	(71) Name of Applicant :
(31) Priority Document No	:97120814.5	1)DSM IP ASSETS B.V
(32) Priority Date	:27/11/1997	Address of Applicant :HET OVERLOON 1, 6411 TE HEERLEN
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)AUGUST RUTTIMANN,CHEMIST
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 15

(57) Abstract :

A process for the manufacture of polyene aldehydes comprises reacting a polyene 0,0ethylene acetal with a 1-alkoxy-1,3-diene in the presence of a Lewis acid or Bronsted acid, hydrolyzing the resulting condensation product and cleaving off alcohol under basic or acidic conditions from the polyene derivative produced at this stage. The novel polyene 0,0-ethylene acetals as well as the likewise novel condensation products in this process form further aspects of the invention. The final products are primarily carotenoids which find corresponding use, e.g. as colorants and pigments for foodstuffs, animal products etc.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2743/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :08/12/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : REFRIGERATOR HAVING A CLEAN COVER FIXED BY A FOAMING MATERIAL

(51) International classification	:F25D 23/08	(71) Name of Applicant : 1)SAMSUNG ELECTRONICS CO, LTD
(31) Priority Document No	:97-69273	Address of Applicant :416 MAETAN-3DONG,PALDAL-KU,SUWON
(32) Priority Date	:16/12/1997	CITY,KYUNGKI-DO Republic of Korea
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor : 1)SANG UK KIM
(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	

No of Pages : 9

No of Claims : 2

(57) Abstract :

A refrigerator comprising an inner casing for forming a cooling compartment; an outer casing disposed at an outer side of the inner casing so as to be separated from the inner casing, the outer casing having a plurality of holes formed on the rear side thereof; a clean cover disposed on the rear side of the outer casing so as to be separated from the outer casing; and a foaming material disposed between the inner casing and the outer casing, and between the outer casing and the clean cover, the foaming material fixing the outer casing to the inner casing and fixing the clean cover to the outer casing, wherein the foaming material is filled up between the outer casing and the clean cover by a foaming liquid flowing out of the outer casing through the holes while the foaming liquid is being injected to the space between the inner casing and the outer casing.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.275/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :08/03/1999

(43) Publication Date : 11/05/2007

(54) Title of the invention : 1-ALKOXY-POLYALKYL-PIPERIDINE DERIVATIVES AND THEIR USE AS POLYMERIZATION REGULATORS

(51) International classification	:C07D 211/94	(71) Name of Applicant : 1)CIBA SPECIALTY CHEMICALS HOLDING INC., Address of Applicant :KLYBECKSTRASSE 141,4057 BASEL. Switzerland
(31) Priority Document No	:98810194.5	
(32) Priority Date	:09/03/1998	
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:NA	1)ANDREAS KRAMER
Filing Date	:NA	2)PETER NESVADBA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 55

No of Claims : 16

(57) Abstract :

The present invention relates to a controlled free radical polymerization process in the presence of 1-alkoxy-polyalkyl-piperidine derivatives. In an alternative controlled free radical polymerization process the intermediate N-oxyl derivatives together with a source of free radicals are used.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.278/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :23/01/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : SUBSTITUTED FUROCHROMENE COMPOUNDS OF ANTIINFLAMMATORY ACTION

(51) International classification	:C07D 493/04
(31) Priority Document No	:P20030603A
(32) Priority Date	:25/07/2003
(33) Name of priority country	:Croatia
(86) International Application No	:PCT/HR04/00020
Filing Date	:22/07/2004
(87) International Publication No	:WO/05/010006
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PLIVA-ISTRAZIVACKI INSTITUT D.O.O.

Address of Applicant :Prilaz baruna Filipovica 29, 10000 Zagreb
Croatia

(72)Name of Inventor :

1)MERCEP, Mladen

2)MESIC, Milan

3)HRVACIC, Boska

4)ELENKOV, Ivaylo, Jivkov

5)MALNAR, Ivica

6)MARKOVIC, Stribor

7)SIMICIC, Lidija

8)CEMPUH KLONKAY, Andreja

9)FILIPOVIC, Anita

No of Pages : 80

No of Claims : 15

(57) Abstract :

The present invention relates to novel compounds of the formula (I) including all stereoisomers and tautomers, to the pharmaceutically acceptable salts and solvates thereof, to the processes and reactive intermediates for their preparation and to their use in the prophylaxis and treatment of asthma and other inflammatory diseases and/or conditions in humans.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.278/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :12/04/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR THE SYNTHESIS OF SILOXANE-IMIDE-EPOXY RESINS

(51) International classification	:C08G 59/00	(71)Name of Applicant : 1)INDIAN SPACE RESEARCH ORGANISATION , Address of Applicant :ISRO HEADQUARTERS, DEPARTMENT OF SPACE, ANTARIKSH BHAVAN, NEW BEL ROAD, BANGALORE Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHANMUGAM PACKIRISAMY,
(87) International Publication No	: NA	2)GINU ABRAHAM,
(61) Patent of Addition to Application Number	:NA	3)DEEPA DEVAPAL,
Filing Date	:NA	4)RAJAGOPALAN RAMASWAMY,
(62) Divisional to Application Number	:NA	5)KOVOOR NINAN NINAN
Filing Date	:NA	6)KUCHIBHATLA SITARAMA SASTRI

No of Pages : 24

No of Claims : 8

(57) Abstract :

This invention relates to a process for the synthesis of siloxane-imide- epoxy resins. An imide diacid is reacted with epoxy resins under known polymerization conditions. Either the imide-diacid, the epoxy resin or both the imide-diacid and the epoxy resin may contain siloxane linkages. The invention also includes a process for the synthesis of siloxane-imide-epoxy resin through epoxidation of siloxane containing diimide-diacid followed by curing with epoxy resin curatives. The resins obtained by the above processes show excellent resistant to atomic oxygen and may be used in coating composites and films used in low earth orbit satellites and space stations.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.279/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :29/03/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING CONTROL PARAMETERS TO OR WITHIN A CONTROL SYSTEM

(51) International classification	:F02D 41/26	(71) Name of Applicant :
(31) Priority Document No	:00 106 972.3	1)ROBERT BOSCH GMBH
(32) Priority Date	:01/04/2000	Address of Applicant :P.O.BOX 30 02 20, 70442 STUTTGART.
(33) Name of priority country	:EUROPEAN UNION	Germany
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DR. JOHANNES-JORG RUEGER
(87) International Publication No	: NA	2)MARTIN THOMAS
(61) Patent of Addition to Application Number	:NA	3)JOSEF NEWALD, DIPLING
Filing Date	:NA	4)UDO SCHULZ,
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 34

No of Claims : 12

(57) Abstract :

Method and Apparatus for providing Control Parameters to or within a Control System A Method and an apparatus for providing control parameters to or within a control system for controlling a fuel injection system are described. The method is characterized in that a plurality of control parameters is transmitted to storage means (810) within the control system by transmission means (850). The transmitted control parameters are stored within the storage means (810). Selection parameters are transmitted to selection means (800) within the control system by transmission means (840) ~ Stored control parameters are selected in accordance with transmitted selection parameters by the selection means (800). And the selected parameters are utilized for controlling elements within the control system. The apparatus is in particular eligible for usage with a inventive method and is characterized in that a control unit (D) and an activation IC (E) are connected to each other by transmission means (840, 850). Storage means (81Q) are implemented in the activation IC (E). And selection means (800) are implemented in the activation IC (E).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.279/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :12/04/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : " A PROCESS FOR PRODUCING SILOXANE POLYMERS HAVING ATOMIC OXYGEN RESISTANCE AND A METHOD OF PRODUCING ARTICLES COATED THEREWITH"

(51) International classification	:C09D 143/04	(71) Name of Applicant : 1)INDIAN SPACE RESEARCH ORGANISATION
(31) Priority Document No	:NA	Address of Applicant :ISRO Headquarters Department of space,
(32) Priority Date	:NA	Antariksh Bhavan, New Bel Road, Bangalore 560 094, Karnataka.
(33) Name of priority country	:NA	Karnataka India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHANMUGAM PACKIRISAMY
(87) International Publication No	: NA	2)GINU ABRAHAM
(61) Patent of Addition to Application Number	:NA	3)RAJAGOPALAN RAMASWAMY
Filing Date	:NA	4)KOVOOR NINAN NINAN
(62) Divisional to Application Number	:NA	5)KUCHIBHATLA SITARAMA SASTRI
Filing Date	:NA	

No of Pages : 20

No of Claims : 23

(57) Abstract :

This invention relates to a process for producing siloxane polymers from endfunctionalized siloxane oligomers. Siloxane oligomers having different end functional groups are polymerized in a known manner to obtain a polymer having a crosslinked network of siloxane linkage ranging from at least 1 to 20 units separated by organic moieties in the range of 1 to 10. These polymers exhibit very high atomic oxygen resistance and are useful in coating components for satellites and space stations to protect them against atomic oxygen attack. This invention also includes a method of producing a coated article having atomic oxygen resistance.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2809/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :16/12/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD OF MAKING A RECESS TERMINATION IN A COMPONENT

(51) International classification	:B23P 6/04	(71) Name of Applicant :
(31) Priority Document No	:97811009.6	1)ALSTOM(SWITZERLAND) LTD
(32) Priority Date	:22/12/1997	Address of Applicant :BROWN BOVERI STRASSE 7, CH-
(33) Name of priority country	:EUROPEAN UNION	5401,BADEN Switzerland
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DR.JOACHIM KRAUTZIG
(87) International Publication No	: NA	2)DR.UY-LIEM NGUYEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 4

(57) Abstract :

In a method of making a recess termination in a component, the recess (2) extending with its tip (4) from the surface (3) of a wall (1) of the component into the interior of the wall (1), the tip (4) of the recess (2) is deflected in its direction by at least about 180° relative to the main extension direction of the recess (2), the deflection being effected in a curvature (6) which is generously dimensioned from the point of view of notch and fracture mechanics, the maximum radius (r) of curvature being placed at the point of maximum stress in the wall (1), the tip (4) of the recess (2) ending in an at least largely relieved region, and the wall piece in the interior of the arc (6) of curvature remaining connected to the rest of the wall (1) via an adequately dimensioned material bridge (5).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2837/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :22/12/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR CATALYTIC REFORMING OF FEED HYDROCARBONS TO FORM AROMATICS HYDROCARBONS

(51) International classification	:C10G 035/06	(71)Name of Applicant : 1)CHEVRON CHEMICAL COMPANY LLC
(31) Priority Document No	:08/995 587	Address of Applicant :555 MARKET STREET,P.O 7141,SAN
(32) Priority Date	:22/12/1997	FRANCISCO,CALIFORNIA 94120-7141 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)NICHOLAS J HARITATOS
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 39

No of Claims : 23

(57) Abstract :

The present invention relates to a process for catalytic reforming of feed hydrocarbons to form aromatics comprising contacting the feed, under catalytic reforming conditions, with catalyst disposed in the tubes of a furnace, wherein the catalyst is a monofunctional non-acidic catalyst and comprises a Group VIII metal and zeolite L, and wherein the furnace tubes are from 2 to 8 inches in inside diameter, and wherein the furnace tubes are heated, at least in part, by gas or oil burners located outside the furnace tubes.

(54) Title of the invention : MOTOR/GENERATOR

(51) International classification	:H02K 15/00	(71) Name of Applicant : 1)ADVANCED TECHNOLOGIES INTERNATIONAL LTD.
(31) Priority Document No	:08/763,824	Address of Applicant :UNWALA HOUSE, EAST STREET NORTH, P
(32) Priority Date	:11/12/1996	O BOX N-8097, NASSAU. Bahamas
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)STEPHEN H SMITH
Filing Date	:NA	2)YUVAL SHENKAL
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 35

No of Claims : 66

(57) Abstract :

An axial field motor/generator having a rotor that includes at least three annular discs magnetized to provide multiple sector-shaped poles. Each sector has a polarity opposite that of an adjacent sector, and each sector is polarized through the thickness of the disc. The poles of each magnet are aligned with opposite poles of each adjacent magnet. Metal members adjacent the outermost two magnets contain the flux. The motor/generator also has a stator that includes a stator assembly between each two adjacent magnets. Each stator assembly includes one or more conductors or windings. Although the conductors may be formed of wire having a round, uniform cross-section, they may alternatively be formed of conductors having a tapered cross-section that corresponds to the taper of the sectors in order to maximize the density of the conductor in the gap between axially adjacent poles. The conductors may also alternatively be formed of traces in a printed circuit, which may have one or more layers. Each stator assembly may be removably connectable to another stator assembly to provide modularity in manufacturing and to facilitate selection of the voltage at which the motor/generator is to operate. Electrical contacts, such as pins extending from the casing, may removably connect the conductors of adjacent stator assemblies. A magnet maybe dynamically balanced on the shaft by hardening a thin ring of cross-linked resin between the magnet and the shaft while the shaft is spun, using ultraviolet light to polymerize the resin.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2857/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :23/12/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : LOCKING MECHANISM FOOR A ROTARY ELECTRIC ACTUATOR

(51) International classification	:D03C 3/20	(71) Name of Applicant :
(31) Priority Document No	:97 16736	1)STAUBLI FAVERGES
(32) Priority Date	:24/12/1997	Address of Applicant :PLACE ROBERT STAUBLI F-74210
(33) Name of priority country	:France	FAVERGES France
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BRAUN DOMINIQUE
(87) International Publication No	: NA	2)BOURGEAUX PIERRE
(61) Patent of Addition to Application Number	:NA	3)FROMENT JEAN-PAUL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 14

(57) Abstract :

A locking mechanism for a rotary electric actuator (1) for the formation of the shed on a loom, said actuator being provided with a driving rotor of a pulley for the winding-up of a harness thread, characterized by the fact that it comprises a locking plate (10) driven by said rotor and a controlled tongue (20) provided with rotary immobilization means (21) of said locking plate. The locking plate is provided with at least one projection, such as a groove or channel (11), on its external peripheral surface while the tongue (20) is provided with at least another projection, such as a notch (21) suitable to become engaged with that groove. A control rod (24) interacts with a plate (22) to displace the notch (21) from the grooves (11).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.289/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/01/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : "REMOVAL OF A RHODIUM-CONTAINING HOMOGENEOUS CATALYST"

(51) International classification	:C07C 51/44	(71) Name of Applicant :
(31) Priority Document No	:103 28 714.0	1)BASF AKTIENGESELLSCHAFT
(32) Priority Date	:25/06/2003	Address of Applicant : 67056 Ludwigshafen Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2004/006646	1)STUER, Wolfram
Filing Date	:19/06/2004	2)SCHEIDEL, Jens
(87) International Publication No	:WO/2004/113261	3)BASSLER, Peter
(61) Patent of Addition to Application Number	:NA	4)ROPER, Michael
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 27

(57) Abstract :

A process for removing a compound which bears at least two functional groups which are each independently selected from the group consisting of nitrile group, carboxylic acid group, carboxylic ester group and carboxamide group, from a mixture which comprises a compound which bears at least two functional groups which are each independently selected from the group consisting of nitrite group, carboxylic acid group, carboxylic ester group and carboxamide group, and a compound which is homogeneous with respect to the mixture and contains rhodium, by distillation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.293/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :15/03/1999

(43) Publication Date : 11/05/2007

(54) Title of the invention : IMPROVED LED ACID BATTERY PROCESS FOR THE MANUFACTURE THEREOF,NOVEL PASTE COMPOSITION FOR COATING ELECTRODE THEREOF AND PROCESS FOR THE PREPARATION THEREFOR,AND A NOVEL GRID ALLOY ANA PROCESS FOR THE PREPARATION THEREFOR

(51) International classification	:H01M 2/28	(71) Name of Applicant : 1)S.A GAFFOOR
(31) Priority Document No	:NA	Address of Applicant :1-8-115/2,ALWAL,SECUNDERABAD-500 010
(32) Priority Date	:NA	Andhra Pradesh India
(33) Name of priority country	:NA	2)NED ENERGY LIMITED
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)S.A GAFFOOR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 14

(57) Abstract :

A lead acid battery comprising one or more cells located in a housing, each cell comprising pasted lead alloy positive and negative plates arranged in an alternating manner in series, separators made of conventional material interleaven between said positive and said negative plates said separators overlapping beyond the edges of said plates and provide with a U fold at the bottom to avoid edge shorts between the separators and the plates , cell positive and cell negative terminals weldably connected to the lid bushes , each said positive and negative plate being immersed in electrolyte, each lead terminal pillar being provided with inserts of good conducting material, vent plugs and design valves being provided on the container and cover eliminates acid fumes, and if desired electronic auditor circuit.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.304/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :09/04/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : FRAGRANCE PRECURSORS

(51) International classification	:A61K 7/46
(31) Priority Document No	:00107680.1
(32) Priority Date	:10/04/2000
(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)GIVAUDAN S A.
Address of Applicant :CHEMIN DE LA PARFUMERIC 5, CH-1214
VERNIER Switzerland
(72)**Name of Inventor :**
1)MARKUS GAUTSCHI
2)CAROLINE PLESSIS
3)SAMUEL DERRER

No of Pages : 46

No of Claims : 19

(57) Abstract :

The present invention refers to fragrance precursors of formula I for a fragrant ketone of formula II and a fragrant ester of formula III. The substituents in this formula are defined in claim 1. These fragrance precursors are useful in perfumery, especially in the fine and functional perfumery.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.308/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :10/04/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : RECIEVER SYSTEM USING ANALOG TO DIGITAL CONVERSION AT RADIO FREQUENCY AND METHOD

(51) International classification	:H04B 1/28	(71) Name of Applicant :
(31) Priority Document No	:09/548995	1)LUCENT TECHNOLOGIES INC.
(32) Priority Date	:14/04/2000	Address of Applicant :600 MOUNTAIN AVENUE, MURRAY HILL,
(33) Name of priority country	:U.S.A.	NEW JERSEY 07974-0636 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)WALTER JOSEPH KAMINSKI
(87) International Publication No	: NA	2)ARILD KOLSRUD
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 7

(57) Abstract :

A receiver receives analog signals at radio frequency (RF), and the RF analog signals are converted into the digital domain. As such, the receiver does not require frequency conversion stage(s) prior to analog to digital conversion. For example, the receiver can comprise at least one antenna(s) which receives radio frequency (RF) analog signals at different frequency bands. The analog RF signals are provided to a single analog to digital (AID) converter, and the AID converter converts the analog RF signals at the different frequency bands into digital signals within the Nyquist bandwidth. By properly selecting the sampling rate of the AID converter for the RF analog signals, the AID converter can produce replicas of the different frequency bands of the analog signals in non-overlapping portions of the Nyquist bandwidth

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3109/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :23/11/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : COMPOSITION FOR PREVENTING SCALING, EXCLUDING OF SOOT, CLINKER AND SLUDGE, AND CONTROLLING FLAME IN COMBUSTION APPARATUS

(51) International classification	:C10L 1/00	(71)Name of Applicant :
(31) Priority Document No	:10-2003-0029669	1)OH, Mi-Hye
(32) Priority Date	:10/05/2003	Address of Applicant :105-606 Busong-woonam apt., 216-2 Busong-
(33) Name of priority country	:Republic of Korea	dong, Iksan-city, Jeollabuk-do 570-972 Republic of Korea
(86) International Application No	:PCT/KR2004/001079	2)KBM CORPORATION REPRESENTED BY ITS PRESIDENT
Filing Date	:10/05/2004	YOO BYUNG IL
(87) International Publication No	: WO/2004/104141	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)OH, Mi-Hye
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 21

(57) Abstract :

A fuel additive composition comprising hydrogen peroxide, an amine-based stabilizer, borax, and sodium hydroxide is disclosed. The composition is added to such fuel as coal, oil, and gas to facilitate combustion and remove impurities in a combustion apparatus, thereby improving thermal efficiency, and it reduces discharge of noxious gases such as SOx, NOx, and CO.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.311/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/01/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : AQUEOUS LIQUID COMPOSITIONS OF CYCLODEXTRINE OR CYCLODEXTRINE DERIVATIVES AND A PROCESS USING THE SAID COMPOSITION

(51) International classification	:D06M 15/03
(31) Priority Document No	:03405467.6
(32) Priority Date	:26/06/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/051162
Filing Date	:18/06/2004
(87) International Publication No	:WO/2005/001192
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CIBA SPECIALTY CHEMICALS HOLDING INC.

Address of Applicant :Klybeckstrasse 141, CH-4057 Basel Switzerland

2)CIBA SPEZIALITÄT, TENCHEMIE PFERSEE GMBH

(72)Name of Inventor :

1)KULKE, Torsten

2)NASSL, Walter

No of Pages : 19

No of Claims : 14

(57) Abstract :

An aqueous liquid composition comprising a cyclodextrin or a cyclodextrine derivative, at least one emulsifier and a resin finishing or crosslinking agent is excellent in storage stability and useful in a finishing process for the treatment of suitable substrates, such as fibre materials.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.312/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :17/02/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD FOR AVOIDING LOST COMMUNICATION WITH A MOBILE STATION

(51) International classification	:H04Q 7/38	(71) Name of Applicant :
(31) Priority Document No	:08/816,746	1)QUALCOMM INCORPORATED
(32) Priority Date	:18/02/1997	Address of Applicant :6455 LUSK BOULEVARD,SAN
(33) Name of priority country	:U.S.A.	DIEGO,CALIFORNIA 92121 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)TIEDEMANN EDWARD G JR
(87) International Publication No	: NA	2)CHEN TAO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 35

No of Claims : 1

(57) Abstract :

The present invention relates to a method for avoiding lost communication with a mobile station and a method and apparatus for performing inter-system hard handoff between communication systems or inter-frequency hard handoff within a CDMA communication system is disclosed. The purpose of this invention is to reduce the probability of dropped calls during inter-system hard handoff. In the event that a hard handoff attempt is unsuccessful, the mobile station will return to the original system with information which the communication system of the present invention uses to assist in the performance of future handoff attempts. Alternatively, with no handoff attempt made, the mobile station monitors the destination system then returns to the original system with information used to assist in subsequent handoff attempts. The information returned from monitoring a CDMA system consists of results of a search for one or more pilots given at offsets in a specific list provided to the mobile station by the base station or a set of offsets based upon a predetermined search algorithm.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.312/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :11/04/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A DEVICE FOR DISTRIBUTING A POLYPHASE MIXTURE

(51) International classification	:C10G 45/00	(71)Name of Applicant :
(31) Priority Document No	:00/05.021	1)INSTITUT FRANCAIS DU PETROLE
(32) Priority Date	:17/04/2000	Address of Applicant :1 & 4 AVENUE DE BOIS-PREAU, 92852
(33) Name of priority country	:France	RUEIL MALMAISON. France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HARTER ISABELLE
(87) International Publication No	: NA	2)AGOERO ROBERT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 15

(57) Abstract :

A device for distributing a poly-phase mixture comprising at least one gas phase and at least one liquid phase, said mixture being in downflow mode through at least one bed of granular solid, comprising at least one tray located above one of said beds of granular solid; a plurality of mixer conduits for said liquid and gas phases of said mixture, each of said conduits comprising at least one upper cross section for flow and at least one lower cross section for flow allowing the mixture formed inside said mixer conduits to communicate with a bed of granular solid, said mixer conduits being provided with one or more lateral cross sections for flow over at least a portion of their height; said upper cross section for flow allowing the majority of the gas phase of said mixture to pass and said lateral cross sections for flow allowing the passage of the liquid phase into said mixer conduits and/or at least a portion of the gas phase respectively, characterized in that at least one jet disturber type dispersive system with a controlled porosity is located below said tray and below the lower cross section for flow and above the bed of granular solid.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3169/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :28/11/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : LAST FINGER POLLING FOR RAKE RECEIVERS

(51) International classification	:H04B 1/707
(31) Priority Document No	:10/447,631
(32) Priority Date	:28/05/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/017160
Filing Date	:28/05/2004
(87) International Publication No	:WO/2004/112272
(61) 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, CA 92121
U.S.A.

(72)**Name of Inventor :**
1)KINDRED, Daniel, R.
2)LEVIN, Jeffrey, A.
3)HALTER, Steven, J.

No of Pages : 26

No of Claims : 31

(57) Abstract :

Techniques for polling fingers on a channel (which are fingers for which symbols are to be combined) to determine the last finger on the channel. As each finger is polled, the polled finger compares its state information with the state information for the channel to determine whether or not it is the last finger on the channel. If the polled finger is deemed as the last finger then, (1) the channel state information is updated with the polled finger state information, and (2) the symbols provided by the polled finger may be marked as being ready for subsequent processing. This avoids buffering the demodulated symbols for a duration time that is longer than the largest expected difference between the earliest and the latest arriving mutipath components.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.320/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :07/04/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN AUTOMATIC BRAKE ADJUSTER FOR ADJUSTING THE SLACK BETWEEN THE BRAKE LINING AND BRAKE DRUM OF A VEHICULAR BRAKING SYSTEM

(51) International classification	:F16D 65/40	(71) Name of Applicant : 1)MADRAS ENGINEERING INDUSTRIES PRIVATE LIMITED
(31) Priority Document No	:NA	Address of Applicant :NO.14, SATHYANARAYANA AVENUE,
(32) Priority Date	:NA	CHENNAI-600 028 Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)SEENIAPPAN MANIPANDIAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 9

(57) Abstract :

Automatic brake adjuster with flexible reference point incorporating an integrated one way lock Imd clutch mechanism positioned over die wonn shaft. wherein die position of one way lock on larger area increases die life of one way lock mechanism. The clutch cum one way lock mechanism comprises a relatable worm shaft sectnd perpendicular to the WOml wheel but meshing with die WOml wheel. The one way lock/clutch seat is en88ged widi worm shaft. is guided by a bearing retainer to form a cltKch mechanism. A one way lock sleeve engageable widl a regulator wonn wheel fonns die one way lock mechanism.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3237/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :02/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR COMMUNICATIONS OF DATA IN A COMMUNICATION SYSTEM

(51) International classification	:H04B 7/005
(31) Priority Document No	:10/454,038
(32) Priority Date	:03/06/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/017163
Filing Date	:28/05/2004
(87) International Publication No	:WO/2004/112278
(61) 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, CA 92121-1714 U.S.A.

(72)Name of Inventor :

1)LUNDBY, Stein, A.

2)ODENWALDER, Joseph, P.

No of Pages : 22

No of Claims : 21

(57) Abstract :

A method and apparatus provides for efficient data rate control and power control processes by transmitting a primary and a secondary pilot channel associated with a data channel. The primary and secondary pilot channels are used for decoding the data. A ratio of power levels of the primary and secondary pilot channels is based on at least one of the data rate and payload size of the data channel. The power level of the primary pilot channel is maintained independent of at least one of data rate and payload size of the data channel. The power level of the secondary pilot channel may be adjusted based on at least one of data rate and payload size of the data channel.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.324/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :18/04/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A SELECTIVE HYDROGENATION PROCESS FOR REMOVING C10-C16 DIOLEFINS IN A PRODUCT

(51) International classification	:C07CÂ 5/03	(71)Name of Applicant :
(31) Priority Document No	:00112211.8	1)CHINA PETROCHEMICAL CORPORATION
(32) Priority Date	:19/04/2000	Address of Applicant :6A HUIXIN DONG STREET, CHAOYANG
(33) Name of priority country	:China	DISTRICT,BEIJING 100029, P.R.CHINA. China
(86) International Application No	:NA	2)SINOPEC JINLING PETROCHEMICAL CORPORATION
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)XU YI
(61) Patent of Addition to Application Number	:NA	2)WU PEICHENG.
Filing Date	:NA	3)WANG YU.
(62) Divisional to Application Number	:NA	4)LIU DONG
Filing Date	:NA	5)LING ZHEGGANO AND HUANG XIAOLEI

No of Pages : 11

No of Claims : 11

(57) Abstract :

The present invention relates to a selective hydrogenation process for removing C10- C16 diolefms in a product, which is a mixture of paraffins and olefins that contains C10-CI6 mono-olefins and C1O-CI6 diolefms, obtained from dehydrogenation of C1O-CI6 paraffins to produce mono-olefins, in said process, C1O-CI6 diolefms are selectively hydrogenated to mono-olefins, characterized in that the mixture stream is contacted with a specific hydrogenation catalyst in a plurality of separated hydrogenation reactors connected in series with pipes under the reaction conditions for hydrogenation; the inlet of each reactor has a hydrogen injection pipe respectively and .hydrogen is injected into, each reactor; wherein the amount of hydrogen injected from the inlet of each reactor respectively is such that the total hydrogen/diolefin molar ratio of the selective hydrogenation is 0.5-2.0, and H2/diolefm molar ratio; y-alumina having a specific surface ratio of 50-300 m2/g and a pore volume of 0.2-2.0 cm3/g is used as the supporter of the hydrogenation catalyst, palladium being supported on the supporter as the main catalyst element and an element selected from silver, gold, tin, lead or potassium being supported on the supporter as the promoter.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3240/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :02/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : COMMUNICATION NETWORK

(51) International classification	:H04Q 7/18	(71) Name of Applicant :
(31) Priority Document No	:9820860.6	1)NOKIA MOBILE PHONES LIMITED
(32) Priority Date	:24/09/1998	Address of Applicant :Keilalahdentie 4, FIN-02150 Espoo Finland
(33) Name of priority country	:U.K.	(72) Name of Inventor :
(86) International Application No	:PCT/EP1999/006878	1)MULLER, Thomas
Filing Date	:17/09/1999	2)JOERESSEN, Olaf
(87) International Publication No	:WO/2000/018150	3)SCHETELIG, Markus
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 14

(57) Abstract :

A transmitter, for controlling at least one receiver by intermittently transmitting groups of messages, comprising: control means arranged to provide intermittently groups of messages for transmission, each of said groups comprising a plurality of messages in series and separated by time intervals, wherein each of the plurality of messages in a group comprises control information such that control of the receiver can be effected by the reception of any one of the plurality of messages in the group. The invention addresses the problem of increasing the efficiency with which control messages can be transmitted without markedly increasing the power consumption of transceivers in a radio frequency network.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3245/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :02/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : GENERATING AND IMPLEMENTING A SIGNAL PROTOCOL AND INTERFACE FOR HIGHER DATA RATES

(51) International classification	:H04L 29/36
(31) Priority Document No	:60/475,459
(32) Priority Date	:02/06/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/017579
Filing Date	:02/06/2004
(87) International Publication No	:WO/2004/110021
(61) 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, CA 92121
U.S.A.

(72)**Name of Inventor :**
1)ANDERSON, Jon, James
2)STEELE, Brian
3)WILEY, George, A.
4)SHEKHAR, Shashank

No of Pages : 113

No of Claims : 70

(57) Abstract :

A data Interface for transferring digital data between a host and a client over a communication path using packet structures linked together to form a communication protocol for communicating a pre-selected set of digital control and presentation data. The signal protocol is used by link controllers configured to generate, transmit, and receive packets forming the communications protocol, and to form digital data into one or more types of data packets, with at least one residing in the host device and being coupled to the client through the communications path. The interface provides a cost-effective, low power, bi-directional, high-speed data transfer mechanism over a short-range 'serial' type data link, which lends itself to implementation with miniature connectors and thin flexible cables which are especially useful in connecting display elements such as wearable micro-displays (104) to portable computers and wireless communication devices.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3248/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :05/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSLATING RESOURCE NAMES IN A WIRELESS ENVIRONMENT

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:10/455,563	1)QUALCOMM, Incorporated
(32) Priority Date	:04/06/2003	Address of Applicant :5775 Morehouse Drive, San Diego, CA 92121-
(33) Name of priority country	:U.S.A.	1714 U.S.A.
(86) International Application No	:PCT/US04/17616	(72)Name of Inventor :
Filing Date	:04/06/2004	1)CHANDHOK, Ravinder, Paul
(87) International Publication No	:WO/04/109965	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 27

(57) Abstract :

Method and apparatus for translating resource names in a wireless environment. A method is provided for translating a resource locator in a data network for transmission over a low bandwidth channel to a wireless device. The method includes steps of detecting a resource locator in a message transmitted to the wireless device, wherein the resource locator exceeds a selected length, and compressing the resource locator to obtain a corresponding resource identifier that is shorter in length than the resource locator. The method also comprises steps of substituting the resource identifier for the resource locator in the message to form an updated message, and transmitting the updated message to the wireless device using the low bandwidth channel.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3249/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :05/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : PROCESS DEVICE DIAGNOSTICS USING PROCESS VARIABLE SENSOR SIGNAL

(51) International classification	:G05B 23/02	(71) Name of Applicant :
(31) Priority Document No	:10/455,815	1)ROSEMOUNT, INC.
(32) Priority Date	:05/06/2003	Address of Applicant :12001 Technology Drive, Eden Prairie, MN
(33) Name of priority country	:U.S.A.	55344 U.S.A.
(86) International Application No	:PCT/US04/017300	(72) Name of Inventor :
Filing Date	:03/06/2004	1)ERYUREK, Evren
(87) International Publication No	:WO/04/109416	2)KAVAKLIOGLU, Kadir
(61) Patent of Addition to Application Number	:NA	3)ESBOLDT, Steven, R.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 49

(57) Abstract :

A diagnostic device for use in a process control system receives a sensor signal (146) related to a process variable of a process sensed by a process variable sensor (132). A signal preprocessor (150) provides a sensor power signal output as a function of a frequency distribution of power in the sensor signal. A process condition is determined based upon the sensor power signal.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3256/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :05/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : ULTRAVIOLET (UV) AND PLASMA ASSISTED METALORGANIC CHEMICAL VAPOR DEPOSITION (MOCVD) SYSTEM

(51) International classification	:C23C 16/00
(31) Priority Document No	:10/456,732
(32) Priority Date	:05/06/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/016638
Filing Date	:25/05/2004
(87) International Publication No	:WO/2004/108978
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SUPERPOWER, INC.
Address of Applicant : 450 Duane Avenue, Schenectady, NY 12304
U.S.A.
(72)**Name of Inventor :**
1)SELVAMANICKAM, Venkat;
2)LEE, Hee-Gyoun;

No of Pages : 14

No of Claims : 15

(57) Abstract :

The present invention is a high-throughput, ultraviolet (UV) assisted metalorganic chemical vapor deposition (MOCVD) system for the manufacture of HTS-coated tapes. The UV-assisted MOCVD system of the present invention includes a UV source that irradiates the deposition zone and improves the thin film growth rate. The MOCVD system further enhances the excitation of the precursor vapors and utilizes an atmosphere of monatomic oxygen (O) rather than the more conventional diatomic oxygen (O₂) in order to optimize reaction kinetics and thereby increase the thin film growth rate. In an alternate embodiment, a microwave plasma injector is substituted for the UV source

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3257/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :05/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : IMIDAZOLE DERIVATIVES AS GLUTMATE RECEPTOR ANTAGONISTS

(51) International classification	:C07D 401/06
(31) Priority Document No	:03012200.6
(32) Priority Date	:05/06/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/005881
Filing Date	:01/06/2004
(87) International Publication No	:WO/2004/108701
(61) 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 :Grenzacherstrasse 124, CH-4070 Basel.
Switzerland

(72)Name of Inventor :

1)BUETTELMAHN, Bernd

2)CECCARELLI, Simona, Maria

3)JAESCHKE, Georg

4)PORTER, Richard, Hugh, Phillip

5)VIEIRA, Eric

6)KOLCZEWSKI SABINE

No of Pages : 43

No of Claims : 14

(57) Abstract :

The present invention relates to imidazole derivatives which are mGluR5 receptor antagonists and which are represented by the general formula (I): wherein R, R, R and R are as defined in the specification, to a process for the manufacture thereof, as well as to pharmaceutically acceptable salts thereof for the manufacture of a medicament for the treatment or prevention of mGluR5 receptor mediated disorders, such as acute and/or chronic neurological disorders.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3259/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :05/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : ION BEAM-ASSISTED HIGH-TEMPERATURE SUPERCONDUCTOR (HTS) DEPOSITION FOR THICK FILM TAPE

(51) International classification	:C23C
(31) Priority Document No	:10/456, 733
(32) Priority Date	:05/06/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/016597
Filing Date	:25/05/2004
(87) International Publication No	:WO/2005/007918
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SUPERPOWER, INC.
Address of Applicant : 450 Duane Avenue, Schenectady, NY 12304
U.S.A.
(72)**Name of Inventor :**
1)SELVAMANICKAM, Venkat
2)LEE, Hee-Gyoun

No of Pages : 22

No of Claims : 12

(57) Abstract :

An ion source impinging on the surface of the substrate to the substrate to be coated is used to enhance a MOCVD, PVD or other process for the preparation of superconducting materials.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3271/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :05/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : NONWOVEN PLASTIC POUCH SEPARATOR

(51) International classification	:B65D 81/00
(31) Priority Document No	:10/455,055
(32) Priority Date	:05/06/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/017730
Filing Date	:05/06/2004
(87) International Publication No	:WO/2004/108558
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)3M INNOVATIVE PROPERTIES COMPANY

Address of Applicant :3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 U.S.A.

(72)Name of Inventor :

1)HANSEN, Paul, E.

2)ROVANG, John, W.

3)HAGEN, Nathan, K.

No of Pages : 18

No of Claims : 13

(57) Abstract :

A rupturable seal comprising a film of a first polymer, a film of a second polymer and a sealing interlayer. The sealing interlayer has a melting point higher than the melting points of either the first polymer or the second polymer and comprises a plurality of micro-fibers each having an average effective fiber diameter from about 2.5Åµm to about 7.0Åµm. Fusion bonding of films of the first polymer and the second polymer to either side of a sealing interlayer produces a rupturable seal having a frangible interface including portions thereof wherein the first polymer contacts the second polymer. The rupturable seal parts at the frangible interface by application of force causing a gap and separation of the first film from the second film.

(54) Title of the invention : SECURE TRANSFER OF DATA

(51) International classification	:G06F 1/00	(71)Name of Applicant :
(31) Priority Document No	:0312877.4	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:05/06/2003	Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.K.	Netherlands
(86) International Application No	:PCT/IB04/01808	(72)Name of Inventor :
Filing Date	:28/05/2004	1)ASHLEY, Alexis, S., R.
(87) International Publication No	:WO/2004/109482	2)OWLETT, Timothy, S.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 16

(57) Abstract :

A system for enabling secure transfer of data comprises a receiving device (10) for transmitting a request for data to a sending device (12), a sending device (12) for receiving the request for data and for transmitting the data encrypted with a first key (14) to the receiving device (10), and a server (16) for receiving the encrypted data and identification information from the receiving device (10), the server arranged for partially decrypting the data with a second key (18), and transmitting the partially decrypted data to the receiving device. The receiving device (10) is arranged to decrypt the partially decrypted data received from the server (16) with a third key (20).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3276/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :05/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD AND DEVICE FOR GENERATING A USER PROFILE ON THE BASIS OF PLAYLISTS

(51) International classification	:H04N 7/16
(31) Priority Document No	:03101611.6
(32) Priority Date	:03/06/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/050781
Filing Date	:26/05/2004
(87) International Publication No	:WO/2004/107757
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven.
Netherlands

(72)Name of Inventor :

1)BODLAENDER, Maarten, P.

2)VERHAEGH, Wilhelmus, F., J.

3)DE MOOIJ, Arnout, M.

No of Pages : 17

No of Claims : 14

(57) Abstract :

This invention relates to a method (and corresponding device) of generating a user profile on the basis of playlists, wherein the user profile is generated on the basis of the user's own playlists and properties derived from them. In this way, more playlists are considered in the generation of a user profile, thereby generating a more reliable user profile. Additionally, the process (i.e. said method) is automated and uses known information. Aspects taken into account are frequency of occurrence, creation date of the playlist, and relation between content items (songs, video, etc.) in one or more playlists.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3277/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :05/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : COMBINED MICROPHONE-LOUDSPEAKER

(51) International classification	:H04R 3/00
(31) Priority Document No	:03101642.1
(32) Priority Date	:05/06/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/050777
Filing Date	:26/05/2004
(87) International Publication No	:WO/2004/110095
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven.
Netherlands

(72)Name of Inventor :

1)BHANDARE, Prakash, Y.

No of Pages : 10

No of Claims : 20

(57) Abstract :

Assembly for generating and recording sound, comprising an electromagnetic transducer (1) for transforming electrical energy into acoustical energy, wherein the assembly comprises at least one microphone (2), wherein at least part of said microphone (2) is located within said transducer (1). The invention further provides an apparatus for generating and recording sound, for instance a loudspeaker system, comprising at least one such assembly. Besides, the invention provides the use of at least one such assembly, as well as a transducer (1).

(54) Title of the invention : BIT-DETECTION ARRANGEMENT AND APPARATUS FOR REPRODUCING INFORMATION

(51) International classification	:H03L 7/06	(71)Name of Applicant :
(31) Priority Document No	:03101620.7	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:04/06/2003	Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven.
(33) Name of priority country	:EUROPEAN	Netherlands
	UNION	(72)Name of Inventor :
(86) International Application No	:PCT/IB2004/050771	1)RUTTEN, Albertus, J., A.
Filing Date	:25/05/2004	2)VAN BEURDEN, Nicolaas, J., H., M.
(87) International Publication No	:WO/2004/109927	3)KAHLMAN, Josephus, A., H., M.
(61) Patent of Addition to Application Number	:NA	4)IMMINK, Albert, H., J.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 5

(57) Abstract :

Disclosed is a bit-detection arrangement able to convert an analog signal (AS) having an amplitude into a digital signal (DS) representing a bit sequence from which the analog signal (AS) is derived. The bit-detection arrangement has a phase detector which detect the phase difference between a quantized analog signal and a clock signal C2. The phase difference is sampled by an AD converter. The AD converter can sample at a relatively slow rate as the phase difference is a low frequency signal. The sampled phase difference is fed to a digital PLL which outputs a phase signal PHI. The phase signal and the quantized analog signal are used to recreate the digital signal (DS). The current invention is characterized in that the bit decision unit further comprises - at least one additional sample and hold unit SH2 able to sample the output signal S1, using a clock signal CSH2 and wherein the frequency of the clock signal CSH2 is equal to the frequency of clock signal CSH1, and an output unit for outputting samples of either the sample and hold units SH1 or SH2, wherein the samples of the sample and hold unit SH1 are outputted when the phase signal PH1 indicates that the phase difference DeltaP1 is in a first region and the samples of the additional sample and hold unit SH2 are outputted when the phase signal PH1 indicates that the phase difference DeltaP1 is in a second region. This has the advantage that the change of bit errors occurring in the presence of phase jitter is reduced.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3279/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :05/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : RECORDING DEVICE WITH LOADING MEANS STATUS INDICATION AND METHOD FOR RECORDING USING THE LOADING MEANS STATUS

(51) International classification	:G11B 19/10
(31) Priority Document No	:03101629.8
(32) Priority Date	:05/06/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB04/50772
Filing Date	:25/05/2004
(87) International Publication No	:WO/04/109675
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands

(72)Name of Inventor :

1)BRONDIJK, Robert, A.

2)VAN BECKHOVEN, Stephanus, J., M.

No of Pages : 15

No of Claims : 21

(57) Abstract :

A recording device with loading means for loading a single record carrier comprises means for detecting not only that the loading means has reached its end position but also provides information that the loading means is currently loading or unloading the recording medium. This allows the recording device to start actions while the loading means is operating to prepare for the completion of the loading operation. A progress indication of the loading operation allows even better timing of actions by the recording device. A recording device may start filling a buffer once a certain progress of the loading operation is reached and the buffer size is sufficient to bridge the remaining duration of the loading operation. Thus the loss of information to be recorded is reduced.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3280/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :05/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : SUBBAND-VIDEO DECODING METHOD AND DEVICE

(51) International classification	:H04N 7/26
(31) Priority Document No	:03300025.8
(32) Priority Date	:04/06/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/001807
Filing Date	:27/05/2004
(87) International Publication No	:WO/2004/110068
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven.
Netherlands

(72)Name of Inventor :

1)BOURGE, Arnaud

2)BARRAU, Eric

3)BENETIERE, Marion

No of Pages : 17

No of Claims : 2

(57) Abstract :

The invention relates to a video decoding method for the decompression of an input coded bitstream corresponding to an original video sequence that had been divided into successive groups of frames (GOFs) and coded by means of a subband video coding method. This decoding method comprises, on the one hand, sub-steps for the reconstruction of said first couple of frames of said current GOF, and, on the other hand, for the reconstruction of said (n-1) other couples of frames of the current GOF, sub-steps of decoding the current subbands by combining a previous sub-sampled portion and the new current sub-bitstream of the coded bitstream according to some specific rules, said decoding method being thus applied in order to reconstruct successively each couple of frames of the current GOF, up to the last one.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3289/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :06/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD AND DEVICE FOR THE QUANTITATIVE ANALYSIS OF SOLUTIONS AND DISPERSIONS USING NEAR INFRA-RED SPECTROSCOPY

(51) International classification	:A61B 5/00
(31) Priority Document No	:103 26 152.4
(32) Priority Date	:06/06/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/005528
Filing Date	:22/05/2004
(87) International Publication No	:WO/2004/107969
(61) 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 :BrÄ¼ningstrasse 50, D-65929 Frankfurt
Germany
2)UHLMANN VISIO TEC GMBH
(72)**Name of Inventor :**
1)PLOSS, Hans-Joachim;
2) MERTENS, Richard;
3)PRINZ, Heino;
4)CHRISTIANSEN, Christian-Peter;

No of Pages : 17

No of Claims : 27

(57) Abstract :

The invention relates to a method for quantifying the composition of a product, comprising the following steps: irradiation of the product using a radiation source in the near infra-red spectrum; capture of the radiation that is reflected or transmitted by the product and provision of an output signal corresponding to the intensity of the captured radiation at a number of different wavelengths; determination, based on the output signal by means of a mathematical method, of whether the product lies within predetermined integrity criteria. According to the invention, the moving product contains a solution or homogeneous dispersion and the content of at least one substance contained in said dispersion or solution is quantitatively determined. The invention also relates to a device for carrying out said method

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3291/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :06/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : PROCESS FOR THE CATALYTIC POLYMERIZATION OF OLEFINS, A REACTOR SYSTEM AND ITS USE IN THE SAME PROCESS

(51) International classification	:C08FÂ 10/00
(31) Priority Document No	:03076791.7
(32) Priority Date	:06/06/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP04/05126
Filing Date	:12/05/2004
(87) International Publication No	:WO/2004/111096
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)WEICKERT, Gunter
Address of Applicant :MÃ¼hlenweg 31, 48683 Ahaus. Germany
(72)**Name of Inventor :**
1)WEICKERT, Gunter

No of Pages : 15

No of Claims : 19

(57) Abstract :

The invention relates to a process for the catalytic polymerization of olefins, wherein olefins are contacted with a particulate catalyst in a fluidized bed and in a moving bed such that the residence time in the fluidized bed and the residence time in the moving bed are independently controlled, to a reactor system comprising a fluidized bed reactor provided with a reactant inlet, a product outlet and means for maintaining a fluidized bed in the fluidized bed reactor and with a moving bed reactor provided with an inlet directly connected to the fluidized bed reactor and an outlet connected to the fluidized bed reactor such that the residence time in the fluidized bed reactor and the residence in the moving bed reactor are independently controlled, and to its use for the catalytic polymerization of olefins.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.332/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :19/02/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : A SAFETY WHEEL ASSEMBLY FOR AUTOMOBILES

(51) International classification

:B60R
19/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)THEKKEKARA VARGHESE JOS

Address of Applicant :48/1206 ASHOKA ROAD,ELAMAKKARA
682026,ERNAKULAM,COCHIN Kerala India

(72)Name of Inventor :

1)THEKKEKARA VARGHESE JOS

No of Pages : 8

No of Claims : 6

(57) Abstract :

This invention relates to a safety wheel assembly for automobiles. It consists of two wheels mounted on the axle in close proximity with each other. The first wheel has a tyre which is inflatable, while the second wheel has a non-inflatable tyre. The diameter of the second tyre is slightly less than that of the first tyre, such that a clearance is established between the height of these two tyres. The first wheel is rotatably mounted while the second wheel is non-rotatable. In the event of a tyre burst, the primary tyre collapses and the secondary tyre establishes contact with the ground. This prevents skidding overturning of the vehicle.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3335/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :09/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : MOBILE STATION-CENTRIC METHOD FOR MANAGING BANDWIDTH AND QOS IN ERROR-PRONE SYSTEM

(51) International classification	:H04M 1/13	(71) Name of Applicant :
(31) Priority Document No	:10/461,987	1)QUALCOMM, Incorporated
(32) Priority Date	:12/06/2003	Address of Applicant :5775 Morehouse Drive, San Diego, CA 92121-
(33) Name of priority country	:U.S.A.	1714. U.S.A.
(86) International Application No	:PCT/US04/17555	(72) Name of Inventor :
Filing Date	:02/06/2004	1)LANE, Richard.
(87) International Publication No	:	
	WO/2004/112372	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 14

(57) Abstract :

A wireless transmission system for multimedia information having plural layers includes a base station (BTS 16) and a mobile station (MS 12) that can select which layers to transmit based on reported channel conditions, mobile location, and/or forward error correction (FEC) used for a particular layer. A respective FEC rate and/or power level can be dynamically established for each layer by a mobile station dependent on available bandwidth and/or reception and decoding capability of the BTS.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3342/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :09/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD APPARATUS COMPUTER PROGRAM COMPUTER SYSTEM AND COMPUTER READABLE STORAGE MEDIUM FOR REPRESENTING AND SEARCHING FOR IN AN IMAGE

(51) International classification	:G06K 9/34
(31) Priority Document No	:9915698.6
(32) Priority Date	:05/07/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/JP2000/004400
Filing Date	:03/07/2000
(87) International Publication No	:WO/2001/003068
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:IN/PCT/2001/277/CHE
Filed on	:03/07/2000

(71)**Name of Applicant :**
1)MITSUBISHI DENKI KABUSHIKI KAISHA
Address of Applicant :2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 Japan
(72)**Name of Inventor :**
1)Miroslaw, Z BOBER

No of Pages : 32

No of Claims : 26

(57) Abstract :

A method of representing an object appearing in a still or video image, by processing signals corresponding to the image, comprises deriving a plurality of numerical values associated with features appearing on the outline of an object starting from an arbitrary point on the outline and applying a predetermined ordering to said values to arrive at a representation of the outline.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3354/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :12/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : AMINO-PROPANOL DERIVATIVES

(51) International classification	:C07C 217/00
(31) Priority Document No	:0313612.4
(32) Priority Date	:12/06/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP04/06318
Filing Date	:11/06/2004
(87) International Publication No	:WO/2004/110979
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOVARTIS AG

Address of Applicant :Lichtstrasse 35, CH-4056 Basel. Switzerland

(72)Name of Inventor :

1)EHRHARDT, Claus

2)HINTERDING, Klaus

No of Pages : 20

No of Claims : 10

(57) Abstract :

Compounds of formula (I) wherein A, R1, R2, R3, R4 and R5 as defined in the specification, processes for their production, their uses and pharmaceutical compositions containing them.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.336/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :24/04/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A MIXING ROYOR FOR A BATCH MIXER AND A BATCH MIXER

(51) International classification	:B29B 7/18	(71)Name of Applicant :
(31) Priority Document No	:2000-126148	1)KABUSHIKI KAISHA KOBE SEIKO SHO (KOBESTEEL,LTD)
(32) Priority Date	:26/04/2000	Address of Applicant :3-18,WAKINOHAMA-CHO 1-CHOME,CHUO-KU,KOBE-SHI,HYOGO 651-0072 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)AKIO KORO
Filing Date	:NA	2)YAJUN ZHANG
(87) International Publication No	: NA	3)TAKUZO IWATA
(61) Patent of Addition to Application Number	:NA	4)TORU NISHIKAWA
Filing Date	:NA	5)KIMIO INOUE
(62) Divisional to Application Number	:NA	6)NORIFUMI YAMADA
Filing Date	:NA	7)KO TAKAKURA

No of Pages : 27

No of Claims : 22

(57) Abstract :

Each mixing rotor for a batch mixer is rotatably insertable into a mixing chamber such that tip clearances are defined between tips of mixing blades and an inner surface of a mixing chamber and is provided on its outer circumferential surface with a plurality of mixing blades for imparting shearing forces to a material to be mixed by causing the material to pass through the tip clearances. The plurality of mixing blades include a nonlinear blade which is substantially nonlinear from a start point to a terminal point in a development of the mixing rotor developed into a plane about its longitudinal axis, and other linear blades which are linear in the development and whose helix angle to the longitudinal axis of the mixing rotor is set at 15 to 35°. An appropriate mixing control capable of realizing both sufficient mixing and sufficient dispersion can be executed by mixing and dispersing the material in a well-balanced manner by means of the mixing rotor.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.340/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :26/04/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A CAN END AND A METHOD OF MANUFACTURING A CAN END

(51) International classification	:B21D 51/38	(71) Name of Applicant :
(31) Priority Document No	:0010256.6	1)CROWN CORK & SEAL TECHNOLOGIES CORPORATION
(32) Priority Date	:28/04/2000	Address of Applicant :11535 S.CENTRAL AVENUE
(33) Name of priority country	:U.K.	ALSIP,ILLINOIS 60803-2599. U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)LEONARD ANTHONY JENKINS
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 13

(57) Abstract :

The invention relates to a can end having a chuck wall which is inclined at an angle of between 30degree and 60 degree. The chuck wall is provided with an image such as a logo, pattern, printed or etched image, typically for promotional purposes. The invention also relates to a method of manufacturing a can end.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.341/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :26/04/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR THE CLEAVAGE OF AN ALKYL TERT-ALKYL ETHER INTO THE CORRESPONDING ISOOLEFIN AND ALKANOL

(51) International classification	:C07C 27/00	(71)Name of Applicant :
(31) Priority Document No	:10020943.2	1)OXENO OLEFINCHEMIE GMBH.
(32) Priority Date	:28/04/2000	Address of Applicant :D-45764MARL,KREIS RECKLINGHAUSEN.
(33) Name of priority country	:Germany	Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. MICHAEL SAKUTH.
(87) International Publication No	: NA	2)DR. AXEL TUCHLENSKI
(61) Patent of Addition to Application Number	:NA	3)DR. DIETER REUSCH.
Filing Date	:NA	4)DR. ANDREAS BECKMANN.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 12

(57) Abstract :

The present invention relates to a process for the cleavage of an alkyl tert-alkyl ether into the corresponding isoolefm and alkanol by acid-catalysed reactive distillation, characterized in that the reactive distillation apparatus has, in an upward direction, a bottom zone, at least one distillation zone and a reaction zone, the alkyl tert-alkyl ether is fed into the reactive distillation apparatus below the reaction zone between a distillation zone and the reaction zone, and the alkyl tert-alkyl ether is fed into the reaction zone by means of an azeotrope of the alkyl tert-alkyl ether and the corresponding alkanol wherein as catalyst acid ion exchange resins, acid-activated bentonites and/or aluminas, zeolites, sulfonated zirconium oxides or montmorillonites are used.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3464/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :20/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD AND SYSTEM FOR CREATING AND OPERATING BIOMETRICALLY ENABLED MULTI-PURPOSE CREDENTIAL MANAGEMENT DEVICES

(51) International classification	:G06F 17/60
(31) Priority Document No	:60/478,363
(32) Priority Date	:16/06/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/019198
Filing Date	:15/06/2004
(87) International Publication No	:WO/2004/114190
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)URU TECHNOLOGY INCORPORATED

Address of Applicant :1071 Great Passage Boulevard, Great Falls, VA
22066 U.S.A.

(72)Name of Inventor :

1)COYNE, John, Robert

2)COYNE, Christopher, Andrew

3)ADAMS, William, Mark

4)WALLACE, Raymond, Munson

No of Pages : 38

No of Claims : 29

(57) Abstract :

A method and system used to integrate and control multiple secure credentialing approaches including magnetic stripes, bar codes, contact and contactless SmartCard chips (12), Short Message Systems (SMS), Global Positioning Systems (GPS), vicinity type Radio Frequency Identification Devices (RFID) (14), and proximity-type RFID (22), into compact, self-powered, biometrically-protected devices.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3515/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :23/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : CONFIDENTIAL BLOCK TRADING SYSTEM AND METHOD

(51) International classification	:G06F 1/00
(31) Priority Document No	:10/603,100
(32) Priority Date	:24/06/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/019706
Filing Date	:22/06/2004
(87) International Publication No	:WO/2005/003894
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)E-XCHANGE ADVANTAGE, INC.

Address of Applicant : 51 East 42nd Street, Suite 602, New York, NY
10017 U.S.A.

(72)Name of Inventor :

1)WELBROECK, Henri

2)FEDERSPIEL, Fred, J.

3)LOPEZ, John, E.

No of Pages : 66

No of Claims : 16

(57) Abstract :

A method for facilitating trading of securities over a computer system comprises electronically receiving a buy or sell order for a security from a first user; determining that the order is reasonably priced; transmitting to a second user an electronic notification that a reasonably priced order for the security is present, but without notifying the second user of the side of the first user's order, receiving an order from the second user, wherein the second user's order is a contra to the first user's order and sufficiently aggressive in price to cross the first user's order; and executing a trade comprising the first user's order and the second user's order at the limit price of the first user's order. Also described is an electronic system for facilitating securities trading that comprises a facilitator module, a financial information exchange server, a transactional database, and an analytics server .

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3526/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :26/12/2005

(43) Publication Date : 11/05/2007

(54) Title of the invention : INDUSTRIAL MOTOR ASSEMBLY COMPRISING A VENTED ROTOR SHAFT

(51) International classification	:H02K 1/32
(31) Priority Document No	:60/482,622
(32) Priority Date	:26/06/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:
Filing Date	PCT/US2004/020762
(87) International Publication No	:28/06/2004
Filing Date	:WO/2005/002023
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SIEMENS ENERGY & AUTOMATION, INC.
Address of Applicant :3333 Old Milton Parkway, Alpharetta, Georgia
30005-4437 U.S.A.
(72)**Name of Inventor :**
1)HOLTER, Warren G.
2)KREITZER, Scott
3)PELLEGRINO, Brian

No of Pages : 11

No of Claims : 24

(57) Abstract :

A device and/or an electric motor comprising an elongated, substantially rigid rotor shaft, the rotor shaft defining a plurality of longitudinal flutes; and/or a method comprising: for an electrical motor, forming an elongated, substantially rigid, rotor shaft defining a plurality of longitudinal flutes; and assembling the rotor shaft with a stator of the electrical motor.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.357/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :14/05/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : " A METHOD FOR EMBROIDERING A TEXTILE MATERIAL WITH MOTIF BY MEANS OF AN EMBROIDERING MACHINE"

(51) International classification	:D05C 3/02	(71)Name of Applicant :
(31) Priority Document No	:101 23	1)MADEIRA Garnfabrik Rudolf Schmidt KG
(32) Priority Date	:15/05/2001	Address of Applicant :Zinkmattenstrasse 38, D-79108 Freiburg.
(33) Name of priority country	:Germany	Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PANG KIM KWANG, RICKY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 7

(57) Abstract :

A method for embroidering a textile material with a motif by means of an embroidering machine, comprising the following steps, a) An auxiliary backing material is clamped into an auxiliary frame; b) the auxiliary frame is fixed inside the frame of an embroidering machine; c) the motif is embroidered onto the auxiliary backing material by means of the machine; d) the auxiliary frame with the auxiliary backing material clamped into the same and embroidered is removed from the frame; e) the material to be provided with the embroidered motif is fixed inside the frame; f) the auxiliary frame with the auxiliary backing material clamped into the same and embroidered is again fixed in the frame so as to lie above the material; g) the motif is tacked onto the material by means of embroidering or sewing stitches of the embroidering machine; h) the auxiliary frame is removed; i) the material is removed from the frame; j) the auxiliary backing material is removed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.359/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :03/05/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A FOOB PRESERVATION REFRIGERATOR

(51) International classification	:F25B 49/02
(31) Priority Document No	:MI 2000U000269
(32) Priority Date	:05/05/2000
(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)WHIRLPOOL CORPORATION
Address of Applicant :2000 M 63 BENTON HARBORMI 49022.
U.S.A.
(72)**Name of Inventor :**
1)TAVOLAZZI STEFANO

No of Pages : 11

No of Claims : 16

(57) Abstract :

A food preservation refrigerator such as an upright refrigerator (1) or a chest freezer comprises at least one food preservation compartment (3) on which at least one corresponding closure member (s) is provided, said refrigerator comprising a refrigeration circuit (7), driver means (11) for controlling the operation of this latter and means (10) for controlling the operation of any accessory user items (8, 9) provided in the refrigerator, such as an ice producer, ice-cream maker or the like, said control means (11) being associated with a user interface (13); this latter is positioned on the closure member (5). Remote connection means (15, 17) are provided to enable said driver means (11) positioned on the user interface to control the various refrigerator components.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.36/CHE/2003 A

(19) INDIA

(22) Date of filing of Application :13/01/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : IMPROVED METHOD OF PRODUCING PLANT BASED RABIES VACCINE

(51) International classification	:A61K 39/205	(71) Name of Applicant : 1)PARAMANAHALLY HANUMAN THE RAMANJINI GOWDA Address of Applicant :DEPARTMENT OF BIOTECHNOLOGY, UNIVERSITY OF AGRICULTURAL SCIENCES, GHANDI KRISHI VIGNANA KENDRA, BANGALORE. Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	2)SHAMPUR NARAYANA MADHUSUDHAN
Filing Date	:NA	3)TAMASANDRA KEMPE SIDDARAME GOWDA
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PARAMANAHALLY HANUMAN THE RAMANJINI GOWDA
Filing Date	:NA	2)SHAMPUR NARAYANA MADHUSUDHAN
(62) Divisional to Application Number	:NA	3)TAMASANDRA KEMPE SIDDARAME GOWDA
Filing Date	:NA	

No of Pages : 25

No of Claims : 9

(57) Abstract :

An improved method of producing plant based rabies vaccine by introducing the rabies glycoprotein gene in plants by Agrobacterium method or microprojectile bombardment using growth regulators in a tissue culture medium, collecting the plant produce of the genetically modified crops, extracting the rabies glycoprotein by affinity chromatographic method and purified by column purification method to provide immunity effective treatment against rabies infection.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.36/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :07/01/1999

(43) Publication Date : 11/05/2007

(54) Title of the invention : REFORMING USING A BOUND HALIDED ZEOLITE CATALYST

(51) International classification	:C10G 35/04	(71) Name of Applicant : 1)CHENVRON CHEMICAL COMPANY LLC Address of Applicant :555 MARKET STREET,SAN FRANCISCO,CALIFORNIA 94105 U.S.A.
(31) Priority Document No	:09/004,216	
(32) Priority Date	:08/01/1998	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)DENNIS L HOLTTERMANN
Filing Date	:NA	2)CHARLES R WILSON
(87) International Publication No	: NA	3)WAYNE MASAMURA
(61) Patent of Addition to Application Number	:NA	4)MICHIO SUGIMOTO
Filing Date	:NA	5)HIROSHI OHASHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 39

No of Claims : 22

(57) Abstract :

A catalytic reforming process comprising the catalytic conversion of hydrocarbons to aromatics, said process comprising treating a halided zeolite catalyst (hiz-cat) containing a Group VIII metal at commercial startup conditions and then reforming hydrocarbons, wherein said catalyst is prepared by washing a bound zeolite catalyst base or a bound zeolite catalyst before halide addition. A preferred hiz-cat is a nonacidic Pt K L-zeolite catalyst prepared by a process that includes the steps of preparing a calcined silica-bound K L-zeolite catalyst base; washing said bound zeolite catalyst base with a liquid comprising water; and incorporating Pt and halogen-containing compound(s) comprising chlorine and fluorine into said washed catalyst base. Ammonium chloride and ammonium fluoride are preferred halide sources.

(54) Title of the invention : HYDROGENATION OF BENZENE POLYCARBOXYLIC ACIDS OR DERIVATIVES THEREOF BY USING A CATALYST CONTAINING MACROPORES

(51) International classification :A61K 31/21
 (31) Priority Document No :19756913.7
 (32) Priority Date :19/12/1997
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP1998/008346
 Filing Date :18/12/1998
 (87) International Publication No :WO/1999/032427
 (61) 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 AKTIENGESELLSCHAFT
 Address of Applicant :D-67056 Ludwigshafen. Germany
 (72)Name of Inventor :
1)BREITSCHIEDL, Boris
2)HENKELMANN, Jochem
3)HALBRITTER, Klaus
4)PINKOS, Rolf
5)BRUNNER, Melanie
6)BÄTTCHER, Arnd
7)THIL, Lucien

No of Pages : 32

No of Claims : 8

(57) Abstract :

Cyclohexane-1,2-dicarboxylic acid di(isopentyl)ester, obtainable by hydrogenation of a di(isopentyl)phthalate as herein described Cyclohexane-1,2-dicarboxylic acid di(isoheptyl)ester, obtainable by hydrogenating the di(isoheptyl)phthalate as herein described; cyclohexane-1,2-dicarboxylic acid di(isononyl)ester, obtainable by hydrogenating the di(isononyl)phthalate as herein described; cyclohexane-1,2-dicarboxylic acid di(isononyl)ester, obtainable by hydrogenating the di(isononyl)phthalate as herein described, based on n-butene; cyclohexane-1,2-dicarboxylic acid di(isononyl)ester, obtainable by hydrogenating the di(isononyl)phthalate as herein described, based on isobutene; a 1,2-di-C9-ester of cyclohexanedicarboxylic acid, obtainable by hydrogenating the di(nonyl)phthalate as herein described; cyclohexane-1,2-dicarboxylic acid di(isodecyl)ester, obtainable by hydrogenating a di(isodecyl)phthalate as herein described; 1,2-di-C7_11-ester of cyclohexanedicarboxylic acid, obtainable by hydrogenating the corresponding phthalic acid ester as herein described; 1,2-di-C7.11-ester of cyclohexanedicarboxylic acid, obtainable by hydrogenating the di-C7_11-phthalates as herein described; a 1,2-di-C9.11-ester of cyclohexanedicarboxylic acid, obtainable by hydrogenating a diC9-11-phthalate as herein described; a 1,2-di(isodecyl)cyclohexanedicarboxylic acid ester, obtainable by hydrogenating a di(isodecyl)phthalate, consisting essentially of di-(2-propylheptyl)phthalate; 1,2-di-C7-9-cyclohexanedicarboxylic acid ester, obtainable by hydrogenating the corresponding phthalic acid ester, which comprises branched and linear C7-9-alkylester groups.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.370/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :08/05/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN EVAPORATIVE COOLING APPARATUS

(51) International classification	:A01N 1/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)THE DIRECTOR, CENTRAL SERICULTURAL RESEARCH
(32) Priority Date	:NA	AND TRAINING INSTITUTE.
(33) Name of priority country	:NA	Address of Applicant :CENTRAL SILK BOARD, MINISTRY OF
(86) International Application No	:NA	TEXTILES, GOVT OF INDIA, MYSORE-570 008. Karnataka India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)DR . G. V. PRASAD
(61) Patent of Addition to Application Number	:NA	2)DR. N. SURYANARAYANA
Filing Date	:NA	3)DR. R. K. DATTA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 6

(57) Abstract :

."An evaporative cooling apparatus to provide a cool and humid environment to silkworm seed cocoons".This invention relates to an evaporative cooling apparatus to provide a cool and humid environment to silkworm seed cocoons comprising a cocoon preservation stand, a frame mounted on said stand for holding an evaporation surface, a water distributor disposed above of said frame for supply of water onto said frame, said water distributor adapted to be connected to a water supply.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.374/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :09/05/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PUSH- BUTTON

(51) International classification	:H01M 1/10	(71) Name of Applicant :
(31) Priority Document No	:0927/00	1)THE SWATCH GROUP MANAGEMENT SERVICES AG
(32) Priority Date	:11/05/2000	Address of Applicant :SEEVORSTADT 6,CH-2501 BIEL. Switzerland
(33) Name of priority country	:Switzerland	(72) Name of Inventor :
(86) International Application No	:NA	1)JOACHIM GRUPP
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 6

(57) Abstract :

The present invention relates to a push-button intended, through the effect of an application of pressure, to control at least one electronic function such as an horological function of an electronic device having a case (2) made of a plastic material delimited by a back cover (6) and a lateral wall (4) called the middle part, characterized in that this push-button (36, 38) directed towards the interior of the case (2), is made integral with said case (2) and is set back with respect to the outer surface of the latter, said push-button (36, 38) being able to be activated using a pointed element such as the tip of a pen.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.376/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :09/05/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A SYSTEM FOR EXPERIMENTAL MECHANICS APPLICATIONS

(51) International classification	:G01M 19/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN SPACE RESEARCH ORGANISATION
(32) Priority Date	:NA	Address of Applicant :ISRO HEADQUARTERS, DEPARTMENT OF
(33) Name of priority country	:NA	SPACE, ANTARIKSH BHAVAN, NEW BEL ROAD, BANGALORE-
(86) International Application No	:NA	560094. Karnataka India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)RAJ KUMAR SAMUEL
(61) Patent of Addition to Application Number	:NA	2)K . HARIDAS.
Filing Date	:NA	3)PARAMESHWARAN SIVASANKARAN NAIR
(62) Divisional to Application Number	:NA	4)A . V. PATKI
Filing Date	:NA	

No of Pages : 8

No of Claims : 6

(57) Abstract :

This invention relates to a System for Experimental Mechanics Applications such as static, dynamic and non-destructive testing at an affordable cost. The system according to the invention comprises of a processor with an interface connected to conditioners and controllers. Transducers provide signals corresponding to the measured values to the conditioners. The processor provides control signal to the controller for controlling the motors and relays attached to the testing instruments. The processor is also provided with a multimedia system with audio and video features.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.378/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :30/01/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : ASYMMETRIC UREA COMPOUND AND PROCESS FOR PRODUCING ASYMMETRIC COMPOUND BY ASYMMETRIC CONJUGATE ADDITION REACTION WITH THE SAME AS CATALYST

(51) International classification	:C07C 275/30
(31) Priority Document No	:2003-189096
(32) Priority Date	:30/06/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP04/09350
Filing Date	:25/06/2004
(87) International Publication No	:WO/2005/000803
(61) 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)TAKEMOTO, Yoshiji

No of Pages : 55

No of Claims : 16

(57) Abstract :

A process for producing an asymmetric compound (IV), characterized by causing a compound (II) to add a nucleophilic reagent (III) through conjugate addition in the presence of an asymmetric urea compound (I). Also provided is a nonmetallic asymmetric catalyst capable of realizing asymmetric conjugate addition reaction which attain high yield and are highly stereoselective. The process is an advantageous process for producing an asymmetric compound by an asymmetric conjugate addition reaction in which the catalyst is used. [In the formulae, X represents oxygen or sulfur; C*, C**, and C*** each indicates asymmetric carbon; R1, R2, R4, R5, R8, R9, and R10 each represents optionally substituted lower alkyl, etc., provided that, for example, R4 and R5 may be bonded to each other to form an optionally substituted homocycle, etc.; R3 represents optionally substituted aryl, etc.; R6 and R7 each represents hydrogen, etc.; Nu represents -CR16(COR17)(COR18) (wherein R16, R17, and R18 each represents optionally substituted lower alkyl, etc.), etc.; and EWG represents an electron-withdrawing group.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.381/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :11/05/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A MODULAR EXPANDABLE PARTY-LINE TELEPHONE SYSTEM

(51) International classification	:H04M 9/02	(71) Name of Applicant :
(31) Priority Document No	:NA	1)JOSEPH PERNYESZI
(32) Priority Date	:NA	Address of Applicant :260 HAWKS HILL ROAD, SCOTTS VALLEY,
(33) Name of priority country	:NA	CA 95066. U.S.A.
(86) International Application No	:NA	2)UDAY KUMAR
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)JOSEPH PERNYESZI
(61) Patent of Addition to Application Number	:NA	2)UDAY KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 11

(57) Abstract :

The invention concerns a multi-party (also called party-line) telephone system for connecting to copper-loop based public-switch systems. This multi-party system with group sizes from 2 to 12 parties or more can be used to connect to one single line coming from a telephone exchange. The group size can be easily expanded with no disruption in service. This system generates separate customized telephone usage billing for each member of the multi-party group causing no billing conflicts within a group. The customized member telephone billing is directly related to the calls originated by each member of the group.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.382/MAS/2003 A

(19) INDIA

(22) Date of filing of Application :05/05/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN OIL PUMP AND CAM CHAIN MOUNTING ARRANGEMENT FOR FOUR STROKE ENGINE OF A SCOOTER TYPE MOTOR VEHICLE

(51) International classification	:B62J 13/06	(71)Name of Applicant : 1)TVS MOTOR COMPANY LIMITED
(31) Priority Document No	:NA	Address of Applicant :JAYALAKSHMI ESTATES, NO.8 HADDOWS
(32) Priority Date	:NA	ROAD, CHENNAI-600 006 Tamil Nadu India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)YALAMURU RAMACHANDRA BABU
Filing Date	:NA	2)KRISHNABHATTA NAGARAJA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 3

(57) Abstract :

An oil pump and cam chain mounting arrangement for four stroke engine of a scooter type motor vehicle comprising an oil pump driven by a gear mounted on the crankshaft; a cam chain for driving the cam shaft of the engine; a sprocket mounted on the crankshaft for driving the cam chain, characterized in that the cam chain I sprocket and the gear are mounted one after the other on one and the same side of the crankshaft; a cavity is provided on the crankcase for mounting the oil pump therein~ a detachable lid for covering the cavity, said lid being provided with an inspection window for viewing the cam chain and oil pump from outside the crankcase, said lid being fastened to the crankcase and also provided with an oil seal tor preventing leakage of oil from the cavity .

(12) PATENT APPLICATION PUBLICATION

(21) Application No.388/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :14/05/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : SWITCH OPERATOR

(51) International classification	:H01H 19/00	(71) Name of Applicant : 1)DR. CHELLAPANDIAN KANNAN
(31) Priority Document No	:NA	Address of Applicant :1/85 C MIDDLE STREET,
(32) Priority Date	:NA	SOUTHPAPANKULAM, KOLLIDAIKURICHI,(VIA), NALLAI DIST.
(33) Name of priority country	:NA	Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DR. CHELLAPANDIAN KANNAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 4

No of Claims : 5

(57) Abstract :

In places, where we use electrical switches, we have the problem of, electrical shock when the switch is operated with wet hand or in wet condition. The problem is solved by adopting a new switch operator on the switch which will prevent the electrical shock. During the operation of switch , electrical spark is produced by the switch leads to gas (LPG) fire explosion in home or industries or where it is applicable. The new switch operator reduce the spark energy and hence the electrical fire or gas fire are prevented.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.389/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :14/05/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : PROCESS AND EQUIPMENT FOR HOT MOULDING OF ARTICLES MADE OF THERMOPLASTIC MATERIAL

(51) International classification	:B29C 45/17	(71) Name of Applicant :
(31) Priority Document No	:TO2000A000443	1)CRS SRL CENTRO RICERCHE E SPERIMENTAZIONI
(32) Priority Date	:12/05/2000	Address of Applicant :VIA TORINO, 2/11, I-10060 FROSSASCO,
(33) Name of priority country	:Italy	TORINO. Italy
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CESANO FRANCO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 4

(57) Abstract :

A process for the hot moulding of articles made of thermoplastic material, comprising the steps of heating at least one plate of thermoplastic material to a plasticizing temperature; compressing said heated plate between two moulding surfaces, set opposite one another, of a pair of half-moulds; and forming at least one component anchored to a surface of the plate by injecting plastic material at high pressure into a seat communicating with one of said moulding surfaces while the plate is being compressed between said moulding surfaces, characterized by providing in said seat a narrow section designed to produce a reduction in the pressure of the plastic material injected in contact with the plate.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.39/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :08/01/1999

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN EXTINGUISHING CHAMBER OF A CIRCUIT BREAKER WITH SELF-EXTINGUISHING EXPANSION, AND A THERMOPLASTIC RESIN ENCLOSURE

(51) International classification	:H 01 H 33/98	(71)Name of Applicant : 1)SCHNEIDER ELECTRIC SA
(31) Priority Document No	:9801104	Address of Applicant :40, AVENUE ANDRE MORIZET F92100
(32) Priority Date	:27/01/1998	BOULOGNE BILLANCOURT , France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:NA	1)DOMINIQUE SERVE ,
Filing Date	:NA	2)PHILIPPE MARECHAL ,
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 8

(57) Abstract :

The insulating enclosure 12 is formed by end-to-end assembly of two half-shells 12A, 128 achieved by moulding of a thermoplastic resin. A protective shield 100, 102 made of plastic material is fitted onto all the internal faces of each half-shell 12A, 128 to protect the enclosure 12 against the effects of the arc, the plastic material of the shield 100, 102 having a higher thermal resistance than that of the thermoplastic resin of the half-shells 12A, 128. A joining frame 106 cooperates with the facing ends of the two shields 100, 102 to perform centring thereof with respect to the longitudinal axis of the enclosure 12 and to improve the mechanical strength of the coupling.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.39/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :16/01/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : A STARTER SYSTEM FOR CARBURETTORS OF INTERNAL COMBUSTION ENGINE

(51) International classification

:F02B
3/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)UCAL SYSTEMS LIMITED

Address of Applicant :E9-E12 INDUSTRIAL COMPLEX,
MARAIMALAI NAGAR-603 209 Tamil Nadu India

(72)Name of Inventor :

1)SRINIVASAN GOVINDARAJAN

No of Pages : 10

No of Claims : 4

(57) Abstract :

A starter system for the carburettor of an internal combustion engine comprising at least one starter jet for metering fuel, a spring-loaded plunger for normally closing the air and fuel passages, characterised by a solenoid and a time delay circuit powered through the ignition system of the engine, whereby, whenever the ignition of the engine is switched ON, the solenoid is energised and the time delay circuit is ON, the energised solenoid drawing the plunger away from its normal position, thus opening the air and fuel passages, to supply a rich air-fuel mixture to the engine, the time delay circuit, after a predetermined interval of time, de-energising the solenoid, thereby allowing the plunger to resume its normal position, under spring-loading, to close the air and fuel passages.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :02/01/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR ELIMINATING MERCURY AND POSSIBLY ARSENIC FROM A HYDROCARBON FEED

(51) International classification	:C01G 45/00	(71) Name of Applicant : 1)INSTITUT FRANCAIS DU PETR OLE
(31) Priority Document No	:00/00.248	Address of Applicant :1 & 4 AVENUE DE BOIS-PREAU 92852
(32) Priority Date	:07/01/2000	RUEIL MALMAISON CEDEX. France
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:NA	1)MR SAVARY LAURENT
Filing Date	:NA	2)MR DIDILLON BLAISE
(87) International Publication No	: NA	3)MILLE PETIT-CLAIR CARINE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 7

(57) Abstract :

The present invention relates to a process for eliminating mercury and possibly rsenic from a hydrocarbon feed comprising: distilling the hydrocarbon feed to obtain at least one light cut and at least one heavy cut; treating at least one said heavy cut, said treatment comprising two steps: .a first step bringing said heavy cut into contact with hydrogen and a catalyst,.a second step consisting of passing the effluent from the first step over a mass for capturing mercury and possibly arsenic.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.420/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :07/05/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE RESOLUTION OF DL-EPHEDRINE

(51) International classification

:C07C
227/34

(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)MALLADI DRUGS & PHARMACEUTICALS LTD

Address of Applicant :52, JAWAHARLAL NEHRU ROAD,
EKKATTUTHANGAL, CHENNAI. Tamil Nadu India

(72)Name of Inventor :

1)TANGIRALA PRAKASAM

2)BORKATTE NARASIMHA HITESH KUMAR

No of Pages : 17

No of Claims : 20

(57) Abstract :

The invention disclosed in this application relates to an improved process for resolving dl-Ephedrine . The process results in the preparation of the two isomers d- ephedrine & l-Ephedrine . The process involves using enantiostoichiometric quantities of a resolving agent and an achiral acid where in one enantiomer forms selectively diastereomer complex with the resolving agent and the other isomer forms salt with the achiral acid facilitating isolation of l -ephedrine. The l-Ephedrine prepared by the process of the present invention is a very well known sympathomimetic agent widely used in cough &cold preparations.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.421/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :15/04/1999

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD OF MAKING AN OPTICAL FIBER PREFORM

(51) International classification	:C03B 037/07	(71) Name of Applicant : 1)FIBERCOREINC Address of Applicant :253 WORCESTER ROAD P.O BOX 180,CHARLTON,MA 01507 U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)MIKHAIL IVANOVICH GOUSKOV
Filing Date	:NA	2)EVGUENI BORISOVICH DANILOV
(87) International Publication No	: NA	3)MOHAMMAD AFZAL ASLAMI
(61) Patent of Addition to Application Number	:NA	4)DAU WU
Filing Date	:NA	5)JOHN EDWARD MATTISON
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 17

(57) Abstract :

A method for producing an optical fiber preform starting with a first-generation target comprising a substantially cylindrical pure silica rod. Plasma outside vapor deposition is used to deposit doped silica atop the rod to form a workpiece. The resulting workpiece is stretched and a doped silica rod having a center formed from the original target material, and an annular layer formed from doped silica. This doped silica rod is then used as a second-generation target and additional doped silica is deposited thereon, and the process repeated. A cladding layer of doped silica is deposited atop the resulting structure to form a primary preform. Finally, the primary preforms are stretched and separated and a jacketing layer is deposited atop each to form the final fiber optic preform. The silica layers are deposited by a plasmatron using plasma outside vapor deposition. The dopants can be F, GeO₂, P₂O₅, TiO₂, Al₂O₃ and the like. The products resulting from this process can be multimode and singlemode preform and fiber.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.429/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :06/06/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : FACILITY IN LONG RANGE CORDLESS PHONE TO SEND AND/OR RECEIVE TELEPHONE AND MOBILE SIGNALS AT A TIME

(51) International classification

:H04M
1/725

(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)S.RAM KUMAR

Address of Applicant :OLD NO.15/2, NEW NO.28, SOUTH STREET,
TALLAKULAM, MADURAI-625002 Tamil Nadu India

(72)Name of Inventor :

1)S.RAM KUMAR

No of Pages : 9

No of Claims : 11

(57) Abstract :

The invention relates to incorporating the facility of mobile communication in the handset of the long range cordless phones, so that the same handset can be used for both purpose

(12) PATENT APPLICATION PUBLICATION

(21) Application No.430/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :06/06/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : OPTICAL CONNECTOR PLUG

(51) International classification	:G02B 6/00	(71) Name of Applicant :
(31) Priority Document No	:09/886,345	1)FITEL USA CORPORATION
(32) Priority Date	:21/06/2001	Address of Applicant :2000 NORTHEAST EXPRESSWAY, SUITE
(33) Name of priority country	:U.S.A.	F020, NORCROSS, GEORGIA 30071 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)LAMPERT NORMAN R.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 21

(57) Abstract :

An optical fiber connector plug for insertion in an adapter wherein the connector plug has a conductive member on the latching arm forming latching shoulders for engaging the latch stops on the ends of latching ribs in the adapter and for activating a sensor mechanism such as spaced electrical contacts within the adapter. Leads from each of the contacts are connected to a central processing unit which detects the connection made and signals a switch to turn on the laser or other light source power. Thus, laser power is not turned on until the connector plug is completely seated within the adapter. Removal of the plug requires depression of the latching arm, thereby breaking the circuit and turning the laser off prior to the removal of the connector plug.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.436/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :11/05/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD FOR TRANSFERRING THE PROFILING DATA ACROSS DIGITAL TV AND DIGITAL TV PROFILING MODULE THEREFOR

(51) International classification	:G06F 13/00	(71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD.
(31) Priority Document No	:NA	Address of Applicant :J.P.TECHNO PARK, 3/1, MILLERS ROAD,
(32) Priority Date	:NA	BANGALORE. Karnataka India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DAS, PRASANJEET
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 11

(57) Abstract :

The present invention relates to a system and method of transferring the profiling data across DTVs. The profiling data pertaining to the preferences set by the user of DTV can be transferred to DTVs at remote destinations through mechanisms like memory stick, Bluetooth, internet and OSGI. The customized DP Module in the DTV architecture is responsible for collecting all the profiling data from the DTV and storing in a specific format as well as for transferring the profiling data using any of these mechanisms. The present invention can be implemented to realize economically viable products. Figures 1-7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.44/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :04/01/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : USE OF EPHA4 AND MODULATOR OR EPHA4 FOR DIAGNOSIS, TREATMENT AND PREVENTION OF CANCER

(51) International classification	:A61K 9/127	(71)Name of Applicant :
(31) Priority Document No	:60/476,909	1)MEDIMMUNE, INC.
(32) Priority Date	:06/06/2003	Address of Applicant :One MedImmune Way, Gaithersburg, MD
(33) Name of priority country	:U.S.A.	20878. U.S.A.
(86) International Application No	:PCT/US04/18279	(72)Name of Inventor :
Filing Date	:07/06/2004	1)CARLES-KINCH, Kelly
(87) International Publication No	:WO/2005/048917	2)KINCH, Michael, S.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 105

No of Claims : 90

(57) Abstract :

The present invention relates to methods and compositions designed for the treatment, management, or prevention of cancer, particularly, metastatic cancer. In one embodiment, the methods of the invention comprise the administration of an effective amount of one or more antibodies that bind to EphA4 and agonize EphA4. In another embodiment, the methods of the invention comprise the administration of an effective amount of one or more antibodies that bind to EphA4 and inhibit cancer cell colony formation in soft agar or tubular network formation in three-dimensional basement membrane or extracellular matrix preparation. In another embodiment, the methods of the invention comprise the administration of an effective amount of one or more antibodies that preferentially binds to an EphA4 epitope that is exposed on cancer cells but not non-cancer cells. In another embodiment, the methods of the invention comprise the administration of an effective amount of one or more antibodies that bind to EphA4 with a very low K_{off} to reduce EphA4 expression and, thereby, inhibit tumor cell growth and/or metastasis. The invention also provides pharmaceutical compositions comprising one or more EphA4 antibodies of the invention either alone or in combination with one or more other agents useful for cancer therapy.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.442/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :11/06/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : CIRCUIT BOARD PROTECTION COVER AND CIRCUIT BOARD HAVING CIRCUIT BOARD PROTECTION COVER

(51) International classification	:H05K 9/00	(71) Name of Applicant :
(31) Priority Document No	:2001/176537	1)NEC CORPORATION
(32) Priority Date	:12/06/2001	Address of Applicant :7-1 SHIBA 5 CHOME, MINATO-KU, TOKYO.
(33) Name of priority country	:Japan	Japan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)FUMIO HASEGAWA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 20

(57) Abstract :

A circuit board protection cover includes a protection cover and an incision. The protection cover covers a circuit mounting surface of a circuit board entirely, and is made of an insulating material. The incision is selectively formed in the protection cover.

(54) Title of the invention : A METHOD FOR CONTROLLING HANDOFF IN CELLULAR WIRELESS TELECOMMUNICATIONS SYSTEM

(51) International classification	:H 04 Q 7/38	(71) Name of Applicant : 1) LUCENT TECHNOLOGIES INC, Address of Applicant :600 MOUNTAIN AVENUE , MURRAY HILL , NEW JERSEY 07974-0636 U.S.A.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1) STEVEN K. MEIER
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 6

(57) Abstract :

This invention relates to an arrangement for efficiently providing an up to date neighbor list for base stations serving a wireless cellular telecommunications call. The neighbor list is required by a mobile station measuring signal strengths of signals for surrounding base stations in order to locate base stations from which the mobile station can receive strong signals. When one base station receives a revised neighbor list from another base station, it receives a revised neighbor list from another base station, it receives a time stamp identifying when that revised neighbor list was created. Thereafter, when a request for data from a base station is transmitted, it is transmitted with that time stamp; no neighbor list is returned if the time stamp matches the time stamp stored with the neighbor list of the base station receiving the request.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.464/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :17/05/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN IGNITION INDICATOR SYSTEM FOR A SPARK PLUG INTERNAL COMBUSTION ENGINE

(51) International classification

:G01R
31/024

(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)INDIA NIPPON ELECTRICALS LIMITED

Address of Applicant :HOSUR-THALI ROAD,
ULLIVEERANAPALLI, HOSUR. Tamil Nadu India

(72)Name of Inventor :

1)KARUPPIAH ASHOK KUMAR

2)VENKATACHALAM CHANDRASEKAR

3)RAMAN UMASHANKAR

No of Pages : 8

No of Claims : 6

(57) Abstract :

An ignition indicator system for a spark internal combustion engine, comprising an ignition coil and a spark plug, characterized in that the high tension output terminal of the said coil is connected to one electrode of an inert gas filled discharge lamp and also to the spark plug, with the other electrode of the said lamp open, the said electrodes, however, being spaced from each other, within the lamp, by a predetermined distance.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.467/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :18/05/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : A DEVICE FOR SECURELY FASTENING A GEARBOX BODY TO THE FLANGE OF A VALVE BODY

(51) International classification

:F16H
63/30

(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)AUDIO INDIA LIMITED

Address of Applicant :MOUNT POONAMALLEE ROAD,
MANAPAKKAM, CHENNAI. Tamil Nadu India

(72)Name of Inventor :

1)SRINIVASA CHANDRAMOULI

2)NARAYANAN VASUDEVAN

No of Pages : 60

No of Claims : 3

(57) Abstract :

A device for securely fastening a gearbox body to the flange of a valve body, comprises a fast threaded bole provided on the gearbox body and a second through hole on the flange of the valve body, said holes, being aligned with respect to each other to, receive a threaded stud, threadedly engageable with, the threaded hole on the gearbox body and passing through the drilled hole on the flange, characterized in that-thee stud is provided with a nut having a tapered head; and the mouth ofthe second hole is chamfered, whereby the said nut upon being tightened, is wedged into the said mouth, to securely fasten the gearbox body to the valve body.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.490/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :19/06/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : CENTRAL UNIT FOR GROUPING ELECTRONIC AND ELECTRICAL COMPONENTS

(51) International classification	:F25D 29/00
(31) Priority Document No	:ITMI200U000372
(32) Priority Date	:20/06/2000
(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)WHIRLPOOL CORPORATION
Address of Applicant :2000 M 63, BENTON HARBOR, MI 49022.
U.S.A.
(72)**Name of Inventor :**
1)MALNATI ROBERTO

No of Pages : 7

No of Claims : 5

(57) Abstract :

A central unit for grouping electronic and electrical components of refrigerators, freezers and similar appliances, comprising an openable box casing (1) containing at least one electronic card (2) provided with electrical connection means (4) and socket means (16) for powering by the mains.

(54) Title of the invention : PHOTO-STERILIZATION

(51) International classification	:A61L	(71) Name of Applicant :
(31) Priority Document No	:60/485,402	1)INTERLIGHT LTD.
(32) Priority Date	:09/07/2003	Address of Applicant :6 Yoni Netanyahu Street, 60 376 Or Yehuda.
(33) Name of priority country	:U.S.A.	Israel
(86) International Application No	:PCT/IL2004/000620	(72) Name of Inventor :
Filing Date	:11/07/2004	1)GROSS, Yossi
(87) International Publication No	:WO/2005/044314	2)BETTER, Daniel
(61) Patent of Addition to Application Number	:NA	3)LEVY, Baruch
Filing Date	:NA	4)KEREN, Dvir
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 46

No of Claims : 29

(57) Abstract :

The present invention provides substances, devices, methods, and kits for photo-sterilization of a root canal, prior to and when performing endodontics, as well as periodically as post-endodontic prophylactic measures. The root-canal filling includes a light-transmitting element, operative as a diffuser, and methods are provided for communicating light to the diffuser, for disinfecting the walls of the root canals, by photo sterilization. The diffuser may be formed of silicone polymers, synthetic fused silica, quartz, or the like, and may be surrounded by a light-transmitting sealer. The diffuser may be incorporated with an endodontic post, or a specially designed post, which may be transparent and (or) hollow. In a preferred embodiment, the diffuser is formed of a light transmitting conical shell of Cyclic Olefin Copolymers (COC), filled with a fluid such as air, distilled water, or silicone oil. The COC shell is particularly advantageous as it is flexible, unbreakable, has high light transmission, conforms to the contours of the root canal, and is rather inexpensive to produce. Additionally, the present invention relates to intracorporeal photo-sterilization of the internal walls of a catheter.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.493/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :07/02/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : FUNGICIDAL MIXTURES

(51) International classification	:A01N 43/90
(31) Priority Document No	:103 32 460.7
(32) Priority Date	:16/07/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP04/07079
Filing Date	:30/06/2004
(87) International Publication No	:WO/2005/004609
(61) 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 AKTIENGESELLSCHAFT

Address of Applicant :D-67056 Ludwigshafen. Germany

(72)Name of Inventor :

1)SCHERER, Maria

2)GROTE, Thomas

3)SCHERER, Maria

4)STIERL, Reinhard

5)STRATHMANN, Siegfried

6)SCHÄ-FL, Ulrich

7)HADEN, Egon

8)HAMPEL, Manfred

No of Pages : 15

No of Claims : 10

(57) Abstract :

Fungicidal mixtures for controlling rice pathogens, comprising, as active components, the triazolopyrimidine derivative of the formula I, AND 2, Kresoxim-methyl of the formula II, in a synergistically effective amount, methods for controlling rice pathogens using mixtures of the compound I with the compound II, the use of the compound I with the compound II for preparing such mixtures and compositions comprising these mixtures are described.

(54) Title of the invention : INTAKE APPARATUS FOR INTERNAL COMBUSTION ENGINE

(51) International classification	:F02M 35/10	(71) Name of Applicant : 1)DENSO CORPORATION
(31) Priority Document No	:2003- 158377	Address of Applicant :1-1, SHOWA-CHO, KARIYA-CITY, AICHI- PREF 448-8661 Japan
(32) Priority Date	:03/06/2003	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)SANO, RYO
(86) International Application No	:NA	2)NAKANO, YUJI
Filing Date	:NA	3)NAGATA, KOUICHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 35

No of Claims : 18

(57) Abstract :

The invention relates to an intake apparatus for an internal combustion engine. An intake apparatus for an internal combustion engine is constructed with an intake pipe, a pressure sensor, a conductive member and a pressure introducing passage part. The intake pipe has an intake passage. The pressure sensor detects pressure of intake air passing through the intake passage. The conductive member electrically connects with the pressure sensor. The pressure introducing passage part is formed in the intake pipe, and is opened to the intake air passage so as to be able to introduce intake air into the pressure sensor. The pressure sensor has a body part mounted on the conductive member and a sensing port that detects pressure. The intake pipe has a wall part forming the pressure introducing passage part.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.508/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :08/07/2002

(43) Publication Date : 11/05/2007

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

(51) International classification

:C07D
265/28

(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)REDDY'S LABORATORIES LTD.

Address of Applicant :7-1-27 Ameerpet, Hyderabad-500 016, Andhra Pradesh, India. Andhra Pradesh India

(72)Name of Inventor :

1)SIRIPRAGADA MAHENDER RAO

2)CHEPYALA NAVEEN KUMAR REDDY

3)CHALLA MAHEEDHARA REDDY

4)MAMILLAPALLI RAMABHANDRA SARMA

5)GADDAM OM REDDY

No of Pages : 18

No of Claims : 14

(57) Abstract :

The present invention relates to an improved process for the preparation of antidiabetic compounds having the formula(1). where R1 represents alkyl group such as methyl, ethyl, isopropyl and the like.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.518/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :12/03/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : PLASMA ARC TORCH

(51) International classification	:B23K 10/00	(71) Name of Applicant : 1)THE LINCOLN ELECTRIC COMPANY Address of Applicant :22801 ST.CLAIR AVENUE,CLEVELAND,OHIO 44117-1199 U.S.A.
(31) Priority Document No	:08/818,744	
(32) Priority Date	:14/03/1997	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)LIFENG LUO
Filing Date	:NA	2)WILLIAM T MATTHEWS
(87) International Publication No	: NA	3)DAVID W PERRIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 27

(57) Abstract :

The invention relates to a tubular nozzle for a plasma arc torch, said nozzle, having an axis and axially opposite ends, an end wall at one of said ends, an electrode in said nozzle having a nose end facing said end wall, said nose end and said end wall providing a plasma gas chamber and said end wall having a gas chamber outlet opening extending axially therethrough, said chamber having an entrance spaced radially outwardly of said outlet opening, means for flowing a plasma gas through said chamber in the direction from said entrance toward said outlet opening, and means for creating an arc between said nozzle and electrode for a plasma jet to flow through said outlet opening, the improvement comprising: rib means on said end wall of said nozzle for radially guiding the flow of said plasma gas from said entrance to said outlet opening.

(54) Title of the invention : A PROCESS FOR THE EFFICIENT SYNTHESIS OF (2S, 3R)-2-O-BENZYL-3, 4-DI-O-ISOPROPYLIDENE-D-ERYTHRITOL

(51) International classification	:C07C 211/06	(71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY Address of Applicant :IIT P.O., Chennai-600 036 Tamil Nadu India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)INDRAPAL SINGH AIDHEN
(33) Name of priority country	:NA	2)SRIVALENKA VIJAYASARADHI
(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	

No of Pages : 15

No of Claims : 14

(57) Abstract :

A process for the efficient synthesis of (2S, 3R),2-O-BENZYL-3,4-O-ISOPROPYLIDENE-D-ERYTHRITOL, comprising the steps of stirring a solution of D-erythrone and a secondary amine (N,N'-dimethyl amine, morpholine, pyrrolidine) in methanol; removing the methanol and suspending the residue in acetone and a chemical selected from (i) 2,2'-dimethoxy propane along with anhydrous para-toluene sulphonic acid (ii) a catalytic amount of concentrated sulphuric acid, stirring the same until the reaction is complete; evaporating acetone completely and taking the residue in ethyl acetate; successively washing the ethyl acetate layer with saturated sodium bicarbonate solution and water; drying the ethyl acetate layer over anhydrous sodium sulphate and evaporating to obtain a solid; crystallising the same from benzene-hexane mixture to give compound 3 (Mp 79-81 °C); adding a suspension of NaH in dry DMF to a solution of compound 3 in dry DMF, stirring the mixture; adding benzyl bromide and thereafter adding saturated ammonium chloride solution; extracting the product with ethyl acetate, drying the ethyl acetate layer over anhydrous sodium sulphate and evaporating to obtain a solid, crystallising the same from benzene-hexane mixture to yield compound A as a white crystalline solid (Mp 83 °C); adding sodium borohydride to a solution of the compound in distilled water and heating the reaction mixture evaporating the ethanol completely and adding water extracting the aqueous layer with ethyl acetate and drying the combined organic layer over anhydrous sodium sulphate removing the solvent and purifying the residue by silica gel column chromatography to obtain compound I as a colourless oil the said compounds 3, 4 and 1 having the respective structure as given under wherein R¹, R² is alkyl (represented by methyl, ethyl and the combinations); -CH₂(CH₂)₂CH₂-; -CH₂(CH₂)₃CH₂-; -CH₂CH₂OCH₂CH₂ and OBn = OCH₂ phenyl; -OCH₂-substituted-phenyl (substituent: alkyl, halogen, alkoxy, azido)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.551/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :12/05/1999

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN ADJUSTABLE TORQUE WRENCH

(51) International classification	:B25B 23/14	(71) Name of Applicant : 1)PILLAPALAYAM NARASIMHACHARI MURALIDHARAN Address of Applicant :36-A,4 TH MAIN ROAD,KOTTUR GARDENS, CHENNAI-600 085. 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 : 1)PILLAPALAYAM NARASIMHACHARI MURALIDHARAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 12

(57) Abstract :

An adjustable torque wrench capable of pre-setting specified torque values is disclosed which comprises an elongated housing and an output drive shaft. Pivotaly secured to and located within the housing are a plurality of levers. A first lever is journaled to the output shaft for rotation therewith and the remaining levers are pivotaly secured to the housing adjacent their first ends at spaced intervals along the longitudinal center line of the housing and, with the exception of the last of these levers, have second ends, which engage the first end of the next, adjacent lever whereby pivoting of the first lever results in pivoting of each of the levers through their interconnections. Further included is a torque value setting assembly which acts between the housing and at least one of the levers to apply a force to the lever which must be overcome in order for that lever to pivot. The torque value setting assembly is readily adjustable to alter the pivoting resistance by varying the position along the length of the lever upon which the device acts. The torque wrench includes an indicating arrangement which provides an audible indication when the torque value set by the torque value setting assembly has been reached.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.557/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :24/07/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : ELECTRICAL SWITCHGEAR APPARATUS COMPRISING A CASE IN TWO PARTS FIXED TO ONE ANOTHER BY CLIPS

(51) International classification	:H02B 11/00	(71)Name of Applicant :
(31) Priority Document No	:0109894	1)SCHNEIDER ELECTRIC INDUSTRIES SAS.
(32) Priority Date	:25/07/2001	Address of Applicant :89 BOULEVARD FRANKLIN ROOSEVELT, F
(33) Name of priority country	:France	92500 RUEIL MALMAISON. France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PREVIEUX LAURENT.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 14

(57) Abstract :

An electrical switchgear apparatus, in particular a circuit breaker, comprises a case 12 formed by a base 14 and a cover 16 fixed to one another by clips 30a, 30b. The clips are arranged in grooves 42a, 42b formed in side panels 24a, 24b of the case and folded onto a front panel 17 of the cover 16 and a rear panel of the base 14. The cover 16 is provided with an opening 46 for passage of a handle 88 of the apparatus mechanism. The mechanism drives separable contacts of the apparatus in a flat movement, in a plane parallel to the side panels of the case.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.558/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :24/07/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN IMPROVED AUTOMOTIVE ALTERANATOR

(51) International classification	:H02K 47/00	(71) Name of Applicant : 1)LUCAS-TVS LIMITED
(31) Priority Document No	:NA	Address of Applicant :PADI, CHENNAI-600 050 Tamil Nadu India
(32) Priority Date	:NA	(72) Name of Inventor :
(33) Name of priority country	:NA	1)KRISHNAVILASAM RAGHAVAN ANANDAKUMARAN NAIR
(86) International Application No	:NA	2)VARADA IYENGAR NARAYANAN
Filing Date	:NA	3)VENUGOPAL MUTHUKUMARAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 2

(57) Abstract :

An improved automotive alternator comprising a salient pole rotor assembly such as for example a claw pole rotor assembly; stator assembly provided with two sets of three phase stator windings; a three phase full bridge rectifierl assembly; three control switches; and an electronic controller for sensing the alternator speed and enabling the control switches to switch only one of the stator windings above a pre-determined alternator speed and to switch both the sets of stator windings below the said p.redetermined alternator speed; a voltage regulator to, maintain the battery voltage at a fixed value by controlling the rotor field current.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.568/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :15/02/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : BIOMARKER PANEL FOR COLORECTAL CANCER

(51) International classification	:C12Q 1/68
(31) Priority Document No	:60/488,660
(32) Priority Date	:18/07/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/22594
Filing Date	:14/07/2004
(87) International Publication No	:WO
	2005/010486
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INTELLIGENESCAN, INC.

Address of Applicant :3702 AUTUMN GLEN COURT, SANTA ROSA, CALIFORNIA 95403, USA. U.S.A.

(72)Name of Inventor :

1)LEE, Nancy, M.

2)CHEN, Ling, C.

No of Pages : 36

No of Claims : 95

(57) Abstract :

A panel of biomarkers has been identified for analysis of colorectal cancer. The panel, originally identified using a mouse colon cancer model, has been used to assess changes in human tissue from surgical and biopsy samples against a normal human control panel of biomarkers. The panel may be used for providing a cost effective, rapid, noninvasive procedure for risk assessment, early diagnosis, establishing prognosis, monitoring patient treatment, detecting relapse, and for the discovery of therapeutic intervention of colorectal cancer.

(54) Title of the invention : A PROCESS FOR PREPARING ALCOHOLS BY MULTISTAGE COBALT- OR RHODIUM-CATALYSED HYDROFORMYLATION OF OLEFINS

(51) International classification :C07C 47/02 (31) Priority Document No :10034360.0 (32) Priority Date :14/07/2000 (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)OXENO OLEFINCHEMIE GMBH Address of Applicant :D-45764 MARL,KREIS RECKLINGHAUSEN. Germany (72)Name of Inventor : 1)DR. BERNHARD SCHOLZ 2)DR. FRANZ NIERLICH 3)DR. ALFRED KAIZIK 4)DR. DIETER HESS 5)DR. WILFRIED BUSCHKEN 6)DR. KLAUS-DIETHER WIESE 7)DR. DIRK ROTTGER 8)GUIDO PROTZMANN

No of Pages : 45

No of Claims : 11

(57) Abstract :

The present invention relates to a process for preparing alcohols by multistage cobalt- or rhodium-catalysed hydroformylation of olefms having 6 to 24 carbon atoms to give aldehydes, characterized by the steps of a) pydroformylating the olefms in a hydro-formylation step to a conversion of from 20 to 98%, b) removing the catalyst from the resulting liquid reactor discharge, c) separating the resulting liquid hydro-formylation mixture into a low-boiler fraction comprising olefms and paraffins and a bottoms fraction comprising aldehydes and/or alcohols, d) reacting the olefms present in the low-boiler fraction in further process stages comprising the process steps a, b and c and combining the bottoms fractions of process steps c) of all process stages.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.578/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :16/02/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : PRESSURE CONTACT SPRING FOR CONTACT ARRANGEMENT IN POWER SEMICONDUCTOR MODULE

(51) International classification	:H01R 13/33
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CH03/00569
Filing Date	:22/08/2003
(87) International Publication No	:WO 05/020383
	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 SCHWEIZ AG
Address of Applicant :Brown Boveri Strasse 6, CH-5400 Baden,
Switzerland
(72)**Name of Inventor :**
1)HERR, Egon
2)ASSAL, Jerome

No of Pages : 17

No of Claims : 9

(57) Abstract :

The pressure contact spring (3) according to the invention comprises two contacting regions (31, 32) for contacting metallized contact pads (1, 2), one contacting region comprising a contact tip (31) . Arranged between the contacting regions is a compressing region (33). The contact tip is rounded with an outer radius. The rounded contact tip penetrates only little into the metallization of the contact pad even under high spring force. (Figure 1)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.582/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :16/07/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : INFORMATION SERVICE PROVIDING SYSTEM

(51) International classification	:G07F 17/16	(71) Name of Applicant :
(31) Priority Document No	:2000-216484	1)PIONEER CORPORATION
(32) Priority Date	:17/07/2000	Address of Applicant :4-1 MEGURO 1-CHOME, MEGURO-KU,
(33) Name of priority country	:Japan	TOKYO. Japan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)TAKEHIKO SHIODA
(87) International Publication No	: NA	2)YUKITAKA SAITO
(61) Patent of Addition to Application Number	:NA	3)TAKUYA TANAKA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 39

No of Claims : 23

(57) Abstract :

An information service providing method with higher security. When a request from an information terminal is received through a first communication line, a reply to this request is sent to the information terminal through not only the first communication line but also a second communication line different from the first communication line depending on the content of the request.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.584/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/02/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : BALANCE WEIGHT CARTRIDGE WITH ENCLOSED BALANCE MEDIA

(51) International classification	:B60B
(31) Priority Document No	:60/488,634
(32) Priority Date	:18/07/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/22696
Filing Date	:15/07/2004
(87) International Publication No	:WO
	2005/009759 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)INTERNATIONAL MARKETING, INC.

Address of Applicant :Professional Arts Building, Suite 3, P.O. Box B,
Chambersburg, PA 17201. U.S.A.

(72)Name of Inventor :

1)FOGAL, Robert, D., Sr.

2)FOGAL, Robert, D., Jr.

No of Pages : 13

No of Claims : 18

(57) Abstract :

A balance weight comprising a cartridge having at least one interior chamber, the interior chamber at least partially filled with a flowable balance media, and wherein the cartridge is longitudinally arcuate, at least when attached to a wheel, about an angle of up to 180 degrees or less. The balance weight provides a balanced tire in the new or just balanced condition and helps retain the balance under changes in at least one operational characteristic of the tire/wheel assembly.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.589/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :18/07/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A COOLING TOWER NOZZLE ASSEMBLY

(51) International classification	:F28F 25/06	(71) Name of Applicant :
(31) Priority Document No	:NA	1)VALQUA PRODUCTS
(32) Priority Date	:NA	Address of Applicant :79 VALMIKI STREET, THIRUVANMIYUR,
(33) Name of priority country	:NA	CHENNAI 600 001. Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)NARAYANASWAMY SRINIVASAN.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 6

(57) Abstract :

This invention relates to a cooling tower nozzle assembly which consists of an adapter, a connector, a nozzle member and a splash plate. The adapter, the conector and the nozzle members are made of hollow tubular body. The nozzle has a base plate with a downward projection. The splash plate is slantingly disposed to a central opening with a downward projection. This opening accommodates the base plate of the nozzle. Hot water I flowing from cooling towers passes through the nozzle and falls on the I splash plate base and is dispersed in circular manner around lite nozzle.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.590/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :21/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : RESOLUTION OF RACEMIC MIXTURE OF SERTRALINE AND AN IMPROVED PROCESS FOR THE PREPARATION OF ITS HYDROCHLORIDE SALT

(51) International classification	:A61K 31/135	(71) Name of Applicant : 1)DIVI'S LABORATORIES LIMITED
(31) Priority Document No	:NA	Address of Applicant :7-1-77/E/1/303,DIVI TOWERS, DHARAM
(32) Priority Date	:NA	KARAN ROAD,AMEERPET,HYDERABAD-500 016 Andhra Pradesh
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KATTA HARI BABU
(87) International Publication No	: NA	2)ASWATHANARYANA RAO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 12

(57) Abstract :

The invention disclosed in this application relates to an improved process for the preparation of cis- (1 S, 4S)-N-methyl-4- (3,4-dichlorophenyl)-1,2,3,4-tetrahydro-1- naphthaleneamine hydrochloride, commonly known as sertraline, from its racemic mixture by employing (R)-naproxen and its conversion to sertraline hydrochloride by novel methods which are environmentally friendly.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.598/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :23/07/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : IMPROVED HEAT OF COMPRESSION DRYER

(51) International classification	:B01DÂ 053/04	(71) Name of Applicant :
(31) Priority Document No	:09/643,331	1)HENDERSON ENGINEERING CO, INC.
(32) Priority Date	:22/08/2000	Address of Applicant :95 NORTH MAIN STREET
(33) Name of priority country	:U.S.A.	SANDWICH,ILLINOIS 60548. U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CHARLES A. HENDERSON
(87) International Publication No	: NA	2)TERRY D. HENDERSON
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 14

(57) Abstract :

A system for drying a gas includes a source of gas, a compressor(22) connected to the source, and a heat of compression dryer(24)connected to the compressor. The dryer includes a first tower(SO) and a second tower(70), each tower containing desiccant material therein. Temperature monitors (38) are provided at the inlet of the dryer and at the outlet of the towers. Temperature readings from the temperature monitors (38) are communicated to a controller (124) which determines a suitable mode in which the dryer is to be placed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.607/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :24/06/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARING OPTICALLY PURE PIPERIDINE CARBINOL

(51) International classification	:A611C 31/445	(71) Name of Applicant : 1)AUROBINDO PHARMA LIMITED Address of Applicant :PLOT NO.2,MAITRIVIHAR COMPLEX, AMEERPET,HYDERABAD Andhra Pradesh India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)VIJAY KUMAR HANDA
(33) Name of priority country	:NA	2)RAMESH DANDALA
(86) International Application No	:NA	3)MEENAKSHISUNDERAM SIVAKUMARAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 5

(57) Abstract :

The present invention relates to an improved process of preparing optically pure piperidine carbinol, namely, (-)-(3S,4R)-4-(4-fluorophenyl)-3-hydroxymethyl-Nmethylpiperidine of Formula I which comprises, combining racemic trans-piperidine carbinol and (-)-dip-toluoyltartaric acid in a mixture of organic solvents selected from the group consisting of ketones and alcohols, crystallizing selectively the (-)-di-p-toluoyltartaric acid salt of (-)-(3S,4R)piperidine carbinol from the above solution,treating (-)-di-p-toluoyltartaric acid salt of (-)- (3S,4R)- piperidine carbinol in water and a water immiscible solvent with a mineral acid, such as hydrochloric acid to recover (-)-di-p-toluoyltartaric acid in water immiscible solvent and regenerating and extracting (-)-(3S,4R)-4-(4-fluorophenyl)-3-hydroxymethyl -Nmethylpiperidine of Formula I from the aqueous layer at a pH of 12.0 to 12.5.

(54) Title of the invention : PISTON INSERTING JIG AND PISTON INSERTING METHOD

(51) International classification	:B25B 27/02	(71)Name of Applicant : 1)HONDA GIKEN KOGYO KABUSHIKI KAISHA
(31) Priority Document No	:2000- 235477	Address of Applicant :1-1 MINAMI-AOYAMA 2 CHOME, MINATO- KU, TOKYO. Japan
(32) Priority Date	:03/08/2000	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)JIRO SAKURAI
(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	

No of Pages : 10

No of Claims : 5

(57) Abstract :

To insert a piston P of a small piston assembly Q into a cylinder sleeve S, a piston-inserting jig is provided. The piston-inserting jig comprises a guide cylinder 3 for guiding the piston P to an entrance of the cylinder sleeve S, and a set plate 2 which is integrally formed with the guide cylinder 3. The set plate 2 is provided with a set opening 2h for allowing the axis of the piston P to coincide with the axis of the cylinder sleeve S. The set opening 2h engages a knock-pin n of a cylinder block B. Provided on an inner surface of the guide cylinder 3 is a tapered surface 3t for reducing the diameter of a piston ring Pr. The set plate 2 and the guide cylinder 3 are respectively provided at each side thereof with cutouts 2k and 3k which are wider than the connecting rod. The jig 1 can be pulled out after installation. As a result, when the piston of the small piston assembly is inserted into the cylinder sleeve, it is possible to prevent the piston ring from being caught or damaged by the cylinder sleeve and to improve workability.

(54) Title of the invention : INSECTICIDAL PROTEINS SECRETED FROM BACILLUS THURINGIENSIS AND USES THEREFOR

(51) International classification :A01N 63/00
 (31) Priority Document No :60/485,483
 (32) Priority Date :07/07/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/021692
 Filing Date :06/07/2004
 (87) International Publication No :WO/2005/019414
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MONSANTO TECHNOLOGY, LLC

Address of Applicant :Gail Wuellner, E2NA, 800 North Lindbergh Blvd, Creve Coeur, MO 63198 U.S.A.

(72)Name of Inventor :

1)BAUM, James, A.**2) DONOVAN, Judith, C.****3)DONOVAN, William, P.****4)ENGLEMAN, James, T.****5)KRASOMIL-OSTERFELD, Karina****6)PITKIN, John, W.****7)ROBERTS, James, K.**

No of Pages : 84

No of Claims : 47

(57) Abstract :

The present invention relates to the isolation and characterization of nucleotide sequences encoding novel insecticidal proteins secreted into the extracellular space from *Bacillus thuringiensis* and related strains. The proteins are isolated from culture supernatants of *Bacillus thuringiensis* and related strains and display insecticidal activity against coleopteran insects including Colorado potato beetle (*Lymantria dispar*) and Southern Corn Rootworm (*Diabrotica undecimpunctata*). Insecticidal proteins encoded by nucleotide sequences that hybridize to the isolated and characterized nucleotide sequences are disclosed. Also disclosed are methods of making and using transgenic cells and plants comprising the novel nucleotide sequence of the invention.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.61/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :23/01/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : MACCHIATO COFFEE CONCENTRATE SYSTEM

(51) International classification	:A23F 5/24	(71) Name of Applicant :
(31) Priority Document No	:00104336.3	1)SOCIETE DES PRODUITS NESTLE S A.
(32) Priority Date	:02/03/2000	Address of Applicant :PO BOX 353, 1800 VEVEY Switzerland
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:NA	1)CIRKEL-EGNER CHARLOTTE
Filing Date	:NA	2)MAIER HANSPETER
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 12

(57) Abstract :

A beverage system for providing a coffee beverage. The beverage system contains a coffee base concentrate and aromatized soluble coffee creamer. The coffee base concentrate has a soluble coffee solids concentration of at least 10% by weight and is free of coffee aroma. The coffee base concentrate and the aromatized soluble coffee aroma are stored separately and are combined upon reconstitution for providing a coffee beverage. Separate store of the coffee base concentrate and the aromatized soluble coffee creamer increases the stability of the system and provides a coffee beverage which closely assimilates a freshly brewed coffee.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.61/MAS/2003 A

(19) INDIA

(22) Date of filing of Application :20/01/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD OF ENHANCING THE SHELF LIFE OF PANCHAKAVYA AND METHOD OF PREPARING THE SAME

(51) International classification

:A01N
63/02

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)S.SUNDARESAN

Address of Applicant :O.NO.4/303, N.NO.4/367, COLLEGE ROAD,
TAHSILDAR NAGAR, MADURAI-625 020 Tamil Nadu India

(72)Name of Inventor :

1)S.SUNDARESAN

No of Pages : 11

No of Claims : 2

(57) Abstract :

A preservative hemitomus indicus (or)hemidesmus indicus or wallichii to enhance panchakavya shelf life to two years to make it marketable as packaged commodity

(54) Title of the invention : AN AUTOMATIC DISPENSER OF LIQUIDS

(51) International classification

:B67D
5/00

(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)LLM APPLIANCES LIMITEDAddress of Applicant :147, Karapakkam Village, Old Mahabalipuram
Road, Chennai-600 096. Tamil Nadu India

(72)Name of Inventor :

1)VISWANATHA MURUGESA KUMARESAN

No of Pages : 6

No of Claims : 3

(57) Abstract :

An automatic dispenser of liquids comprising a container for storing a liquid, the container being closed on all sides except for an opening at its mouth pointing downwardly : a valve unit, one end of which is attachable to the container, said valve unit being provided with a reciprocally mounted spring-loaded valve member, the mouth of the container being normally closed by the first end of the said member, under spring-force ; a chamber attachable to the valve unit, the base of the chamber thrusting the second end of the said member against the spring-force to cause the first end of the, member to open the said mouth, and thus dispense the liquid from the container, into the chamber, whence the liquid is dischargeable, whenever required, through an outlet in the chamber ; a collar, provided for the valve unit, forming an extension of the said mouth and protruding into the chamber ; an air inlet for the valve unit to provide access for atmospheric air to the chamber, whereby whenever the level of liquid dispensed into the chamber' reaches the rim of the collar, the resulting air-lock prevents further dispensation of the liquid into the chamber ; and whenever the level of liquid in the chamber recedes to a level below the rim of the collar, the resulting removal of the air-lock, once again enables liquid from the container to be dispensed into the chamber.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.611/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :20/08/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : A MACHINE FOR MAKING AND DISPENSING TEA OR A DECOCTION OF TEA

(51) International classification

:A47J
31/44

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)LLM APPLICANCES LIMITED

Address of Applicant :147, Karapakkam Village, Old Mahabalipuram
Road, Chennai-600 096, Tamil Nadu, India. Tamil Nadu India

(72)Name of Inventor :

1)VISWANATHA MURUGESA KUMARESAN

No of Pages : 10

No of Claims : 3

(57) Abstract :

A machine for making and dispensing tea or a decoction of tea comprising a microcontroller; a tea hopper; a motorized screw feeder; a filter tray with a filter mesh below the feeder; a shower above the filter tray; a storage vessel into which milk or water is drawn through a first solenoid valve, on activation by the microcontroller; a second solenoid valve for letting in steam into the said vessel, on activation by the microcontroller; a pump when activated by the microcontroller, circulating the heated liquid from the vessel into the shower and into the filter tray to mix with the tea dust fed from the hopper; a lid the filter tray to mix with the tea dust fed from the hopper; a lid with a tapered surface provided for the top of the vessel having a drain hole opening into it; and a third solenoid valve for dispensing a predetermined quantity of tea or decoction from the vessel when the microcontroller is manually actuated.

(54) Title of the invention : OIL RING ASSEMBLY

(51) International classification	:F02F 5/00	(71) Name of Applicant : 1)IP RINGS LIMITED
(31) Priority Document No	:NA	Address of Applicant :D-11/12, INDUSTRIAL ESTATE,
(32) Priority Date	:NA	MARAIMALAI NAGAR, DIST.KANCHIPURAM. Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)NARAYANASAMY GOWRISHANKAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 7

(57) Abstract :

A four piece type oil ring assembly adapted to be fitted in an oil ring grooves of a piston disposed within a cylinder of internal combustion engine comprising: a top side rail and a bottom side rail, both in the form of a gapped flat annulus a spacer expander(2,14) in the form of a gapped annulus terminating at gap end lugs, said spacer expander also made of steel and also having humps(4) placed in radial direction, and characterized in a plate expander (5,19) in the form of a gapped annulus made of steel having radial humps(4), said plate expander supporting the spacer expander(2,14) at its outer diameter(20) and gripping the piston groove root diameter(13) at its inner diameter(21), said plate expander having radially protruding humps(4) disposed on its circumference thereof, said plate expander having a perimeter which is more than that of the spacer expander(2,14), said spacer expander(2,14) having lugs extending upward and downward from inner side of humps to engage the inner radial surfaces of top rail and bottom rail respectively, and positioned in between the said top rail and the said bottom rail, and said assembly having the lug ends of the spacer expander are butting, the spacer expander gap and the plate expander gap are diametrically opposite with respect to each other, the gap in the top side rail is approximately 45 degree left top plate expander gap ends, the gap in the bottom side rail is approximately 45 degree right of spacer expander.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.619/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :27/07/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A DRAW-IN OR FEED ROLLER

(51) International classification	:D01G 15/88	(71) Name of Applicant : 1)MASCHINENFABRIK RIETER A G.
(31) Priority Document No	:1501/00	Address of Applicant :KLOSTERSTRASSE 20 CH-8406,
(32) Priority Date	:28/07/2000	WINTERTHUR Switzerland
(33) Name of priority country	:Switzerland	(72) Name of Inventor :
(86) International Application No	:NA	1)GRESSER GOTZ THEODOR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 11

(57) Abstract :

The invention provides a draw-in roller clothing in form of a wound wire, with the wire having a root section and a leaf section projecting up from the root section and the leaf section being formed with triangular teeth. The leaf section is provided with a (leaf) height of less than 2 mm and preferably between 1.0 and 2.0 mm. According to the currently prevailing production practice, the tooth height is preferably lower than the leaf height.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.624/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :30/07/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD OF TREATING A GAS CONTAINING HYDROGEN SULPHIDE

(51) International classification	:B01D 53/00	(71) Name of Applicant : 1)THE BOC GROUP PLC Address of Applicant :37-1, CHERTSEY ROAD, WINDLESHAM SURREY, GU20 6HJ, ENGLAND. U.K.
(31) Priority Document No	:0021409.8	
(32) Priority Date	:31/08/2000	(72) Name of Inventor :
(33) Name of priority country	:U.K.	1)RICHARD WILLIAM WATSON
(86) International Application No	:NA	2)STEPHEN RHYS GRAVILLE
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 11

(57) Abstract :

Sour gas containing hydrogen sulphide has hydrogen sulphide absorbed therefrom in an absorbent in a vessel 4. A hydrogen sulphide rich gas stream is formed by desorbing hydrogen sulphide from the absorbent in a vessel 12. The resulting hydrogen sulphide rich gas stream is partially burned in a furnace 32. Resulting sulphur dioxide reacts therein with residual hydrogen sulphide to form sulphur vapour which is extracted in a condenser 44. Residual sulphur dioxide and sulphur vapour are reduced to hydrogen sulphide in catalyst stage 54 of a reactor 50. Water vapour is removed from the resulting reduced gas stream by direct contact with water in a quench tower 60. At least part of the resulting water vapour depleted gas stream is sent to the vessel 4 with the incoming sour gas stream.

(54) Title of the invention : CHIRAL COPPER COMPLEX AND PRODUCTION PROCESS THERE AND USING THE SAME

(51) International classification	:C07C 251/24	(71)Name of Applicant : 1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant :5-33, KITAHANA 4 -CHOME, CHUO-KU, OSAKA 541-8550 Japan
(31) Priority Document No	:2000- 016280	(72)Name of Inventor :
(32) Priority Date	:25/01/2000	1)MASASHI KAMITAMARI
(33) Name of priority country	:Japan	2)GOHFU SUZUKAMO
(86) International Application No	:NA	3)MICHIO YAMAMOTO
Filing Date	:NA	4)KOJI HAGIYA
(87) International Publication No	: NA	5)MAKOTO ITAGAKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 11

(57) Abstract :

This invention relates to an optically active salicylideneaminoalcohol Dmpound of formula (1): wherein RI represents an alkyl group which may be substituted with a group selected from an alkoxy group, an aralkyloxy group, an aryloxy group and cycloalkoxy group, t) aralkyl, aryl or cycloalkyl group all of which may be substituted with a group selected from an alkyl group, an alkoxy group, an aralkyloxy group, an aryloxy group and a cycloalkoxy group, R2 represents an alkyl group, a cycloalkyl group, or an aralkyl or phenyl group which may be substituted with a group selected from an alkyl group, an alkoxy group, an aralkyloxy group, an aryloxy group and a cycloalkoxy group, when XI represents a nitro group, X2 is a hydrogen atom, when XI represents a fluorine atom, X2 is a chlorine atom, and when XI is a hydrogen atom, X2 is a fluorine atom; and the carbon atom denoted by " * " is an asymmetric carbon atom having either an S or R configuration.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.630/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :31/07/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A BLOWER ASSEMBLY FOR A SPLIT AIR CONDITIONER

(51) International classification	:F04D 29/58	(71) Name of Applicant : 1)PONK KOOCHINGCHAI Address of Applicant :59/7 RAMKAMHAENG 21 ROAD, WANGTHONGLARNG DISTRICT, BANGKOK 10310. Thailand
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)PONK KOOCHINGCHAI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 6

No of Claims : 8

(57) Abstract :

A blower assembly for a split air conditioner comprises a blower (20) having two ends and a middle portion, and one or more support devices (22) for supporting the middle portion of the blower (20). The blower (20) comprises two or more blower units (21), and one or more motors (24) for driving the blower units (21). The motor (24) comprises a shaft (242) rotatably supported by two or more bushes (241). A casing (10) has two or more troughs (12) for supporting the bushes (241). The support device (22) comprises one or more seats (22) for supporting one or more bearings (23).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.639/CHE/2003 A

(19) INDIA

(22) Date of filing of Application :05/08/2003

(43) Publication Date : 11/05/2007

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

(51) International classification

:A61K
3

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MATRIX LABORATORIES LTD,

Address of Applicant :1-1-151/1, IV FLOOR, SAIRAM TOWERS,
ALEXANDER ROAD, SECUNDERABAD. Andhra Pradesh India

(72)Name of Inventor :

1)CHAVA SATYANARAYANA

2)GORANTLA SEETA RAMANJANEYULU

3)VASIREDDY UMAMAHESWARA RAO

4)DAMMALAPATI VENKATA LAKSHMI NARASIMHARAO

No of Pages : 15

No of Claims : 5

(57) Abstract :

The present invention relates to an improved process for the preparation of Moxifloxacin hydrochloride monohydrate from the ethyl 1cyclopropyl-6, 7-difluoro-8-methoxy-4-oxo-1,4-dihydro-3-quinoline carboxylate through a novel intermediate (4aS-Cis)-1-cyclopropyl-7(2,8-diazabicyclo [4.3.0]non-8-yl)-6-fluoro-8-methoxy-4-oxo-1,4-dihydro -3-quinoline carboxylic acid- O3,04)bis (acyloxy-0) borate.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.644/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :03/08/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD AND SYSTEM FOR RADIO LINK CONTROL PANEL

(51) International classification	:H04 Q7/36	(71) Name of Applicant :
(31) Priority Document No	:US 60/223	1)LUCENT TECHNOLOGIES INC.
(32) Priority Date	418	Address of Applicant :600 MOUNTAIN AVENUE, MURRAY HILL,
(33) Name of priority country	:07/08/2000	NEW JERSEY 07974-0636. U.S.A.
(86) International Application No	:U.S.A.	(72) Name of Inventor :
Filing Date	:NA	1)KRISHNA BALACHANDRAN
(87) International Publication No	: NA	2)KIRK K. CHANG
(61) Patent of Addition to Application Number	:NA	3)RICHARD PAUL EJZAK
Filing Date	:NA	4)WEI LUO
(62) Divisional to Application Number	:NA	5)SANJIV NANDA
Filing Date	:NA	

No of Pages : 17

No of Claims : 24

(57) Abstract :

In a mobile station-mobile receiver arrangement a method and apparatus for a radio link control (RLC) protocol that allows partial recovery of data for streaming services. The maximum number of retransmissions allowed by the method for each RLC block is a function of the maximum delivery delay required by the streaming service and the round trip delay.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.645/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :06/07/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : A WIRELESS ADAPTOR FOR THE REPLACEMENT OF A TELEPHONE WIRE

(51) International classification	:	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INNOVITI EMBEDDED SOLUTIONS PVT.LTD
(32) Priority Date	:NA	Address of Applicant :10/2,VICTORIA ROAD, BANGALORE-560
(33) Name of priority country	:NA	047 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)B.N ASHOK BARAGI
(87) International Publication No	NA	2)AGRAWAL RAJEEV
(61) Patent of Addition to Application Number	:NA	3)B.K YDAYASHANGAR
Filing Date	:NA	4)C.R VIKRAM
(62) Divisional to Application Number	:NA	5)MICHAEL FOLEY
Filing Date	:NA	

No of Pages : 19

No of Claims : 29

(57) Abstract :

The present invention relates to "A wireless adaptor for the replacement of a telephone wire" as shown in Figure number 1. This adaptor comprises a mobile unit wherein the base unit is connected to a wall socket and the mobile unit is connected to any consumer devices like laptop modem, pc modem, fax machine or a swipe card machine. The mobile unit can be kept at a distance of about 100m from the wall socket and this allows the user to carry out his work at a place of his convenience. The method in which the communication is established can be used to convert an Ethernet or an ADSL or a cable wireline connection to a wireless connection.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.651/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :06/08/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD AND SYSTEM FOR PROGRAMMING ADAPTER SETTINGS IN A DATA PROCESSING SYSTEM

(51) International classification	:G06F 13/00	(71) Name of Applicant : 1)INTERNATIONAL BUSINESS MACHINES CORPORATION
(31) Priority Document No	:09/645,173	Address of Applicant :ARMONK, NEW YORK 10504. U.S.A.
(32) Priority Date	:24/08/2000	(72) Name of Inventor :
(33) Name of priority country	:U.S.A.	1)MICHAEL ANTHONY PEREZ
(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	

No of Pages : 18

No of Claims : 8

(57) Abstract :

A method, system, and apparatus for programming adapter settings in a data processing system is provided. In one embodiment, the data processing system programs a plurality of settings for each of a plurality of adapters using system based parameters. The data processing system then determines whether any of the adapters settings as programmed based on system based parameters are inconsistent with the specific requirements of the specific adapter. If one or more of the settings in any adapter are inconsistent with the adapter's requirements, those settings are reprogrammed using adapter specific parameters to ensure optimal performance of the data processing system with the adapter.

(54) Title of the invention : DECIVE FOR PRODUCTION OR PROCESSING OF SILVER/FIBER BAND

(51) International classification	:D01G 15/00	(71) Name of Applicant : 1)RIETER INGOLSTADT SPINNEREIMASCHNENBAU AG
(31) Priority Document No	:101 43 451.0	Address of Applicant :FRIEDRICH-EBERT-STRASSE 84,850055 INGOLSTADT Germany
(32) Priority Date	:05/09/2001	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)WOLFGANG GOHLER
(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	

No of Pages : 17

No of Claims : 22

(57) Abstract :

for What is presented is a device for production or processing of sliver (30), instance, a draw frame or a carding machine equipped with a first and second feed roller (1,2), mounted counter directionally, in between which the sliver (30) can be guided, whereby at least the second feed roller (2) is designed such that it can be moved towards the first feed roller (1) mainly in radial direction, particularly in measuring thickness of the sliver, and is provided with a drive (40) for accelerating at least one of the feed rollers (1,2). The device exemplifies itself thereby that the drive system (40) is designed as wheel and disk drive (40) with a drive wheel (7; 107) and output drive (8; 108) running on the drive wheel under frictional engagement, whereby the output drive (8; 108) is designed such that it can accelerate at least one of the feed rollers (1,2).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.660/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :10/08/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : PROCESS FOR PRODUCING CARBONYL OR HYDROXY COMPOUND

(51) International classification	:C07C 29/03	(71)Name of Applicant : 1)SUMITOMO CHEMICAL COMPANY, LIMITED Address of Applicant :5-33 KITAHAMA 4-CHOME, CHUO-KU, OSAKA 541-8550. Japan
(31) Priority Document No	:2000- 244277	(72)Name of Inventor : 1)KOJI HAGIYA 2)NAOYUKI TAKANO 3)AKIO KURIHARA
(32) Priority Date	:11/08/2000	
(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	

No of Pages : 52

No of Claims : 23

(57) Abstract :

The present invention relates to a method for producing at least one compound selected from a carbonyl compound and a hydroxy adduct compound by an oxidative cleavage or addition reaction of an olefinic double bond of an olefin compound, which comprises reacting an olefin compound with hydrogen peroxide, utilizing as a catalyst at least one member selected from tungsten, molybdenum, or a tungsten or molybdenum metal compound comprising (ia) tungsten or (ib) molybdenum and (ii) an element of Group IIIb, IVb, Vb or VIb excluding oxygen.

(54) Title of the invention : IMPROVEMENTS IN BLADE ASSEMBLY FOR A CIRCUIT BREAKER

(51) International classification	:H01H 75/02	(71) Name of Applicant : 1)SCHNEIDER ELECTRIC INDUSTRIES SAS.
(31) Priority Document No	:9/953,630	Address of Applicant :89 BOULEVARD FRANKLIN ROOSEVELT F-
(32) Priority Date	:14/09/2001	92500 RUEIL MALMAISON. France
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)RAABE RODNEY
Filing Date	:NA	2)COLSCH JASON.
(87) International Publication No	: NA	3)PREVIEUX LAURENT.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 9

(57) Abstract :

A circuit breaker (301) for interrupting the flow of current upon the detection of excess current or temperature is provided that has a current conducting blade mounted on a blade cross bar (333), which has a blade biasing spring (329) for urging the blade to a first pivotal position on the blade cross bar during the open, closed, and tripped operation of the breaker, and for latching the blade in a second pivotal position on the blade cross bar upon the occurrence of a blown-open action of the breaker. The spring (329) is a torsion spring that is coiled around a spring mounting pin (341), having a first end leg extending outwardly and formed into a hook (335) anchored in a hook accommodating opening, and having a second end leg extending outwardly and cantilevered in contact with a spring follower pin (345). The second end of this leg is bent away from the spring follower pin to reduce the spring force exerted between the blade cross bar and the blade upon the occurrence of a blow-open action of the circuit breaker. Attached to the blade is a blade pivot pin that is generally cylindrical and that has a center section of reduced diameter establishing shoulders on the pin on both sides of a hole in the blade, so that upon application of force on the blade by the spring, the blade pivot pin is locked against displacement from the hole. On the blade cross bar a barrier is provided so positioned that upon pivoting movement of the blade cross bar to a tripped, open, or blown-open position, the barrier is interposed between the spring and the fixed contact, thereby protecting the spring from debris generated in the vicinity of the fixed contact.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7/MAS/2003 A

(19) INDIA

(22) Date of filing of Application :03/01/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : A SEAT LATCH ASSEMBLY FOR SCOOTER TYPE VEHICLE

(51) International classification	:B60N 2/28	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED
(31) Priority Document No	:NA	Address of Applicant :JAYALAKSHMI ESTATES, NO.8, HADDOWS
(32) Priority Date	:NA	ROAD, CHENNAI-600 006 Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)RAGHAVAN VENKATESAN
Filing Date	:NA	2)MEGHASHYAM LAXMAN DIGHOLE
(87) International Publication No	: NA	3)MANI SHANMUGARAJ
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 3

(57) Abstract :

A seat latch assembly for a scooter type motor vehicle comprising a striker provided for the underside of the pivotably mounted seat of the vehicle; a spring-loaded latch member mounted within a latch unit below the striker; means operable by a cable to move the said latch member, to and fro, in substantially the horizontal plane; a lock unit with key for operating the said means by the said cable connected thereto, wherein the latch member is mounted with its face and with the surface of its edge substantially in the vertical and horizontal planes, respectively, the operative end of the said edge being tapered downwardly and outwardly to receive the impact of the striker.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.70/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :30/01/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : A MOTORCYCLE WITH PROTECTED FUEL TANK

(51) International classification

:B62K
11/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TVS MOTOR COMPANY LIMITED

Address of Applicant :Jayalakshmi Estates" # 08, Haddows Road,
Chennai-600 006. Tamil Nadu India

(72)Name of Inventor :

1)MAHAMAD BASHA SHAIK

2)MAKARAND RAMESH KULKARNI

No of Pages : 11

No of Claims : 17

(57) Abstract :

A motor cycle with a protected fuel tank, the tank being fixed to the space frame of the vehicle and disposed beneath a protective member also fixed to the space frame, said member being located between the handle bar of the vehicle and the rider's seat and being of a predetermined size and shape so as to extend over and around the fuel tank; and an inlet for the fuel tank, with a cap for opening and closing` the inlet.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.707/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :20/09/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : PLURAL-STAGE PLURAL SCREW POSITIVE DISPLACEMENT MACHINE

(51) International classification

:F01B
21/00

(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)ELGI EQUIPMENTS LIMITED

Address of Applicant :TRICHY ROAD,
SINGANALLUR,COIMBATORE-641 005 Tamil Nadu India

(72)Name of Inventor :

1)JAYARAM VARADARAJ

No of Pages : 9

No of Claims : 8

(57) Abstract :

A plural-stage positive displacement plural screw machine of the kind in which each stage comprises first and second helically shaped rotors meshing together within a chamber having an inlet port and an outlet port, the outlet port of one chamber being connected to the inlet of the another, wherein the first rotors of each stage are formed by portions of a continuous first rotor and the second rotors of each stage are formed by portions of a continuous second rotor, each said continuous rotor being supported in bearings at opposite ends of a housing forming the said chambers, the said chambers being separated by partition means through which the continuous rotors extend in a sealed manner.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.712/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :30/08/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : SAFETY DEVICE FOR LIFTS

(51) International classification	:B66B 5/02	(71) Name of Applicant :
(31) Priority Document No	:100 45	1)INVENTIO AG
(32) Priority Date	881.5	Address of Applicant :SEESTRASSE 55, CH-6052 HERGISWIL.
(33) Name of priority country	:14/09/2000	Switzerland
(86) International Application No	:Germany	(72) Name of Inventor :
Filing Date	:NA	1)WALTER KRENKEL
(87) International Publication No	: NA	2)RALPH RENZ
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 13

(57) Abstract :

The present invention relates to a safety device for lifts with at least one lift guide rail, securely installed in the lift shaft and a brake part, comprising at least one friction element with at least one friction surface that can be pressed against the guide rail to decelerate the lift, with the friction material of the friction element comprising a fibre-reinforced, ceramic composite material, containing silicon carbide and carbon fibres as reinforcing component, with the safety device being characterised by the composite material containing a matrix of silicon carbide and carbon and the reinforcing component being formed exclusively from carbon fibres with a minimum length of 10 mm and the volume content of carbon fibres in the friction element lying between 30% and 70%.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.72/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :25/01/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : TERNARY PIGMENT COMPOSITIONS

(51) International classification	:C08K 5/3415	(71) Name of Applicant : 1)CIBA SPECIALTY CHEMICALS HOLDING INC Address of Applicant :KLYBECKSTRASSE 141,4057 BASEL Switzerland
(31) Priority Document No	:155/00	
(32) Priority Date	:27/01/2000	
(33) Name of priority country	:Switzerland	(72) Name of Inventor :
(86) International Application No	:NA	1)LENZ ROMAN
Filing Date	:NA	2)WALLQUIST OLOF
(87) International Publication No	: NA	3)SCHLODER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 8

(57) Abstract :

The present invention relates to a ternary pigment composition comprising compounds of formulae (I), (II) and (III) having a hiding power $AE^* S/W$ of < 8, obtainable by the reaction of a succinic acid diester with from 90 to 15 mol % 4-methylbenzonitrile and from 10 to 85 mol % 3- methylbenzonitrile, the molar amounts of the 4-methyl- and 3-methyl- benzonitriles totalling 100 mol %.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.72/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :30/01/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : A CASTING MACHINE FOR CONTINUOUS CASTING OF METAL FOIL

(51) International classification	:B22D 11/14	(71) Name of Applicant : 1)VIJAI ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :28,INDUSTRIAL DEVELOPMENT AREA,
(32) Priority Date	:NA	BALANAGAR, HYDERABAD Andhra Pradesh India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)DASARI JAI RAMESH
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 10

(57) Abstract :

A casting machine for continuous casting of metal foil comprising a presspour furnace for melting the metal to be cast having a lid, wherein it comprises a charging spout, a discharge spout and an inlet for introducing inert gas, the said discharge spout being connected to a casting furnace attached with a gate valve and a ceramic casting nozzle having a casting slit facing to the surface of a water cooled rotating drum having a spider wheel assembly and a tyre with a polished tyre surface to receive and cool the melt received through said casting nozzle, an air knife located near the tyre surface at a position downstream of the position where the melt is received, to remove the cast metal film from the tyre surface and a cleaning and a polishing means located downstream of the position of said air knife to clean the tyre surface after the cast metal film is removed from the tyre surface.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.720/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :03/09/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : DEVICE AND METHOD FOR DETERMINING RARE SHORT CIRCUIT

(51) International classification	:H02H 03/08	(71) Name of Applicant : 1)PACIFIC ENGINEERING CORPORATION Address of Applicant :450, HINOKI-CHO, OGAKI-SHI, GIFU-KEN 503-0981. Japan
(31) Priority Document No	:2000- 267402	(72) Name of Inventor : 1)MANABU OHTA 2)HIDEKI SHIBATA
(32) Priority Date	:04/09/2000	
(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	

No of Pages : 22

No of Claims : 10

(57) Abstract :

A device for easily determining whether a rare short circuit, which results from the generation of heat exceeding a predetermined value, has occurred in a load circuit. The device includes a fuse for detecting a load current that flows through the load circuit and generates a detection signal. A determination circuit is connected to the fuse to determine whether a rare short circuit is connected to the fuse to determine whether a rare short circuit has occurred. The determination circuit calculates one of a first parameter and a second parameter based on the detection signal. The first parameter relates to a first time period during which the load current exceeds a predetermined references current value. The second parameter relates to a second time period during which the load current is less than or equal to the predetermined reference current value. The determination circuit cumulates one of the parameters every predetermined time interval to calculate a cumulative parameter value and determines whether a rare short circuit has occurred based on the cumulative parameter value.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.724/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :04/09/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR PREPARING A CARBOXYLIC ESTER

(51) International classification	:C07C 67/08	(71)Name of Applicant : 1)OXENO OLEFINCHEMIE GMBH
(31) Priority Document No	:10043545.9	Address of Applicant :D-45764 MARL, KRIES RECKLINGHAUSEN.
(32) Priority Date	:05/09/2000	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)UWE ERNST
Filing Date	:NA	2)DIETMAR GUBISCH
(87) International Publication No	: NA	3)WILFRIED BUSCHKEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 5

(57) Abstract :

The present invention relates to a process for preparing a carboxylic ester by reacting a dicarboxylic or polycarboxylic acid or its anhydride with an alcohol, the reaction water being removed by azeotropic distillation together with the alcohol, characterized in that the amount of liquid removed from the reaction by the azeotropic distillation is replaced wholly with the alcohol wherein the reaction temperature is between 160 degree c and 270 degree c and a titanium catalyst is used.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.725/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :04/09/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF SUBSTITUED PYRANES

(51) International classification	:C07D 309/04	(71) Name of Applicant : 1)DSM IP ASSETS .B. V
(31) Priority Document No	:00119257.4	Address of Applicant :HET OVERLOOM 1,6411 TE HEERLEN
(32) Priority Date	:06/09/2000	Netherlands
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:NA	1)WERNER BONRATH
Filing Date	:NA	2)FABIO CIRILLO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 7

(57) Abstract :

"Process for the preparation of substituted pyranes"Substituted pyranes such as 2-ethinyl-tetrahydro-2,6,6-trimethylpyran are prepared 5 from dehydrolinalool or higher homologues thereof by heating or treatment with microwaves in the presence of a solid acid.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.73/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :30/01/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN APPARATUS FOR CONTROLLING THE GAP BETWEEN A CASTING NOZZLE AND THE TYRE SURFACE OF A ROTATING DRUM IN A METAL FILM CASTING MACHINE

(51) International classification

:B22D
11/00

(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)VIJAI ELECTRICALS LIMITED

Address of Applicant :28, INDUSTRIAL DEVELOPMENT AREA,
BALANAGAR, HYDERABAD. Andhra Pradesh India

(72)Name of Inventor :

1)DASARI JAI RAMESH

No of Pages : 9

No of Claims : 33

(57) Abstract :

An apparatus for controlling the gap between a casting nozzle and tyre surface of a rotating drum in a metal film casting machine for continuously casting a metal foil.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.730/CHE/2003 A

(19) INDIA

(22) Date of filing of Application :15/09/2003

(43) Publication Date : 11/05/2007

(54) Title of the invention : NOVEL BIOFILM BASED VACCINES AGAINST BACTERIAL DISEASES OF BIRDS AND DOMESTIC ANIMALS

(51) International classification	:A61K 39/108	(71) Name of Applicant : 1)Dr.B.M VEEREGOWDA
(31) Priority Document No	:NA	Address of Applicant :NO.293, LAKSHMI NIVAS, 1ST MAIN 4TH
(32) Priority Date	:NA	CROSS, KERE ANGALA ROAD, KAMALANAGAR, BANGALORE-
(33) Name of priority country	:NA	560 079 Karnataka India
(86) International Application No	:NA	2)G.KRISHNAPPA
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)Dr.B.M VEEREGOWDA
(61) Patent of Addition to Application Number	:NA	2)Dr.KRISHNAPPA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 2

(57) Abstract :

The specification describes a procedure of preparing biofilm vaccine against bacteria causing diseases in birds and domestic animals wherein the bacteria are cultured as biofilm cells and harvested by discarding the supernatant media to remove any planktonic cells. Number of viable bacteria biofilm cells were enumerated by colony counting and counts expressed as colony forming units/gram of bentonite clay and was adjusted to the desired optimal concentration. Bacteria were then inactivated using chemicals such as formalin and stored at 4Â°C until use, after checking the vaccine for sterility and safety by known methods. Final vaccine preparation was packed into appropriate dose delivery packages.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.744/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :07/10/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : INTERLEAVER PATTERN MODIFICATION

(51) International classification	:H03M 13/27
(31) Priority Document No	:01124165.0
(32) Priority Date	:10/10/2001
(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)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
Address of Applicant :1006,OAZA KADOMA, KADOMA-SHI,OSAKA-571-8501 Japan
(72)**Name of Inventor :**
1)WENGERTER, CHRISTIAN
2)GOLITSCHKE EDLER VON ELBWART ALEXANDER
3)SEIDEL EIKO

No of Pages : 22

No of Claims : 14

(57) Abstract :

The invention provides a method of interleaving a source data stream using an interleaver pattern in a transmitter. A mother interleaver pattern and an interleaver parameter are accessed. The mother interleaver pattern is modified using said interleaver parameter. Then, the modified interleaver pattern is applied in the transmitter for interleaving the source data stream. The interleaver parameter used by the transmitter for modifying said mother interleaver pattern differs from the interleaver parameter used simultaneously by at least one other transmitter that transmits data at the same time on the same channel. The invention further provides a corresponding deinterleaving method. By decorrelating the interleaver processes in the different streams, the inter-stream interference is reduced.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.752/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :11/09/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A DUST ARRESTING ATTACHMENT DEVICE FOR A VACUUM CLEANER

(51) International classification	:A47L 9/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EUREKA FORBES LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 143-C/4, BOMMASANDRA
(33) Name of priority country	:NA	INDUSTRIAL AREA, OFF, HOSUR ROAD, BANGALORE 562158.
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PICHILA JAYACHANDRA REDDY
(61) Patent of Addition to Application Number	:NA	2)NANJUNDAIAH RAMACHANDRA.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 9

(57) Abstract :

A dust arresting attachment device for a vacuum cleaner, said device comprising an elongated dust collecting bowl (9) for collecting heavier dust particles received from the suction tube of a vacuum cleaner, an elongated hollow filter (6) extending into the dust collecting bowl (9) forming a conduit with space between a filtering surface (7) all around the elongated surface and the wall of the dust collecting bowl (9), a dust arrestor cap (8) which closes the end of the filter extending into the said dust collecting bowl (9), the other end of the filter being sealingly attached to a cover assembly (1, 2, 3) having an inlet (10) and outlet (11) said cover assembly being attachable to suction hose of the vacuum cleaner to allow the sucked air to enter the said inlet (10) and exit through the said outlet (11) provided in the said cover assembly after performing cyclonic separation of heavy dust particles.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.754/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :12/09/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN IMPROVED TWO-PIECE SEGMENTED MOLD

(51) International classification	:B29C 33/00	(71)Name of Applicant : 1)MICHELIN RECHERCHE ET TECHNIQUE S.A. Address of Applicant :ROUTE LOUIS-BRAILLE 10 ET 12, CH-1763 GRANGES-PACCOT Switzerland
(31) Priority Document No	:09/663,290	
(32) Priority Date	:15/09/2000	
(33) Name of priority country	:U.S.A.	2)SOCIETE DE TECHNOLOGIE MICHELIN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JOHN F. HEINDEL
(87) International Publication No	: NA	2)JOE E. BIRCH JR.
(61) Patent of Addition to Application Number	:NA	3)RICHARD A. SPIVEY
Filing Date	:NA	4)LAWRENCE W. STACHNIAK
(62) Divisional to Application Number	:NA	5)ROBERT G. TYLER
Filing Date	:NA	

No of Pages : 10

No of Claims : 6

(57) Abstract :

An improved two-piece segmented mold comprises a plurality of tread mold segments mounted to a frustoconical seat in a mold back by a T-shaped guide bar inserted in a guide slot formed in the seat. The segments are biased to a normally closed position in abutment with adjacent segments and in abutment with a mold side plate.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.762/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :14/09/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : HEATLESS AIR DRYER FOR INDUSTRIAL COMPRESSED AIR APPLICATIONS

(51) International classification

:F25B
1/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)KADAYAM SESHAN NATARAJAN

Address of Applicant :NO:5-232, K.N.G.PUDUR ROAD,
SOMAYAPALAYAM P.O, COIMBATORE-641 108 Tamil Nadu India

(72)Name of Inventor :

1)KADAYAM SESHAN NATARAJAN

No of Pages : 6

No of Claims : 1

(57) Abstract :

Removal of moisture from the compressed air through this system has no welding of pipelines and vessels, no fittings, direction of flow controlled by shuttle valve mechanism. Two aluminum pressure vessel towers are sealed by tower gasket seal and held together firmly by a steel tie-rod between top and bottom chambers, shuttle valve mechanism controlling the direction of flow of air. Coalesced water and oil are removed by Borosilicate Prefilter element and purged by auto drain air with water vapour entering top chamber and getting transferred to bottom chamber by inlet tube, air passing through desiccant tower, getting completely dried and desiccant fines being removed by in-built water filter and clean dry-air exiting of the outlet. Water particles trapped in desiccant pores are brought to surface of beads by sudden depressurisation of exhaust valve and is removed by purging a small portion of dry air in the shuttle top.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.765/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :17/09/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR RECOVERING COPPER FROM COPPER CONTAINING CONVETER SLAG

(51) International classification

:C22B
15/06

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)STERLITE INDUSTRIES (INDIA) LTD

Address of Applicant :SIPCOT INDUSTRIAL COMPLEX,MADURAI
BYPASS ROAD,TUTICORIN-628 002 Tamil Nadu India

(72)Name of Inventor :

1)MR. KALYAN GUHA

No of Pages : 9

No of Claims : 6

(57) Abstract :

This invention relates to a process for the recovery of copper from converter slags. Converter slag is treated with pig iron under oxidative conditions to release entrapped copper therefrom. This mixture is allowed to settle. Copper separated is removed and may be refined subsequently. Valuable copper is recycled and saved from slag which increases the productivity of the plant and reduces environmental hazards due to dumping of copper containing waste.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.783/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :15/04/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR OBTAINING A TITANOCENE COMPOUND

(51) International classification

:C07F
17/00

(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)REPSOL QUIMICA S.A

Address of Applicant :PASEO DE LA CASTELLANA,278-280,28046
MADRID Spain

(72)Name of Inventor :

1)A DOLORES PARELLADAFERRER

2)JUAN ANTONIO BARRIO CALLE

3)JOSE SANCHO ROYA

4)LUIS MENDEZ LLATAS

No of Pages : 15

No of Claims : 7

(57) Abstract :

Procedure for the preparation of aromatic derivatives of titanocene, useful as catalysts for the polymerisation and hydroyenation of polymers, characterised by the use of a Grignard reagent. This procedure allows to easily prepare compound with the general formula: where: L, which can be equal to or different one from the other, are cyclopentadiene, or one L is cyclopentadiene; R1,R2,R3, equal or different from one another, are selected from the group consisting of: hydrogen, alkyl group from 1 to 4 carbon atoms, OR4 where R4 is an alkyl group of 1 to 4 carbon atoms; at least one of the R1,R2,R3 is hydrogen. The preparation is carried out by the reaction of the titanocene dichloride with the corresponding Grignard reagent. This method substantially enhances safety, reproducibility, yield and cost of that carried out via lithium compounds.

(54) Title of the invention : AN APPARATUS FOR REMOVING SOLID PARTICLES FROM A LIQUID

(51) International classification	:B01D 21/26	(71) Name of Applicant : 1)SMITH & LOVELESS INC
(31) Priority Document No	:10/014,381	Address of Applicant :14040 SANTA FE TRAIL DRIVE,LENEXA,
(32) Priority Date	:26/10/2001	KANSAS-66215-1284 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)ROBERT DAVIS,,JR
Filing Date	:NA	2)JOHN K KELLY
(87) International Publication No	: NA	3)FRANK G WEIS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 21

(57) Abstract :

An apparatus for removing solid particles from a liquid, comprising: a round shell having an inlet located within said shell and an outlet located within said shell, said outlet being elevated from said inlet, said shell defining a particle extraction area; an outlet tube extending from said outlet and having a flange overhanging at least a portion of the particle extraction area; and a particle collection area located centrally of said particle extraction area; wherein said inlet comprises a vertical inner wall that extends upwardly a distance within said shell so as to direct liquid tangentially into said shell and preclude communication between the liquid in the inlet and the liquid in the particle extraction area.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.792/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :21/09/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A TABLE TOP WET GRINDER

(51) International classification

:B02C
2/04

(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)RANGASWAMY NAIDU DORAISWAMY

Address of Applicant :480-A AVANASHI

ROAD,PEELAMEDU,COIBATORE-641 004 Tamil Nadu India

(72)Name of Inventor :

1)RANGASWAMY NAIDU DORAISWAMY

No of Pages : 8

No of Claims : 7

(57) Abstract :

This invention relates to a table top wet grinder. It consists of a rotatably driven container mounted on a base plate of a drive pulley. The base plate has downwardly extending lugs which align with the corresponding slots in the drive pulley. A roller assembly and a centrally located shaft are provided within said container. The roller assembly and the shaft are detachably housed in a holder means. A lid having an adaptor which aligns with the holder means is also provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :03/01/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : CONVEYANCE APPARATUS

(51) International classification	:B05B 13/00	(71)Name of Applicant :
(31) Priority Document No	:2000-007553	1)HONDA GIKEN KOGYO KABUSHIKI KAISHA
(32) Priority Date	:17/01/2000	Address of Applicant :1-1 MINAMI-AOYAMA 2-CHOME,MINATO-KU, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)CHITOSHI SAGANE
Filing Date	:NA	2)HIDENOBU NISHIDA
(87) International Publication No	: NA	3)YUJI MASAKI
(61) Patent of Addition to Application Number	:NA	4)MAKOTO SAKAI
Filing Date	:NA	5)SHUNICHI FURUSAWA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 11

(57) Abstract :

A carrier 3 that is moveably supported on the side of a conveyor 2 is provided with a rotational shaft 4 projecting laterally therefrom. A workpiece 1 is mounted on the rotational shaft 4 in an upright condition, wherein the workpiece 1 is arranged to vertically rotate 3600 in the same plane by rotating the rotational shaft 4 3600 around its axis. With this construction, the workpiece position can be continuously changed to a floor conveyor position, an overhead conveyor position and to the floor conveyor II position without transfer of the workpiece 1.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.80/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :06/01/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : INK-JET PRINthead SUBSTRATE, DRIVING CONTROL METHOD, INK-JET PRINthead AND INK-JET PRINTING APPARATUS

(51) International classification	:B41J 2/05	(71)Name of Applicant :
(31) Priority Document No	:2003-165028	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:10/06/2003	Address of Applicant : 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2004/007879	(72)Name of Inventor :
Filing Date	:01/06/2004	1)FURUKAWA, Tatsuo
(87) International Publication No	:WO/2004/110764	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 31

No of Claims : 8

(57) Abstract :

A heater/driver array that includes heaters for generating thermal energy utilized to discharge ink and driver circuits for driving these is mounted on a substrate. The heaters are formed into a plurality of groups and are driven by block drive on a per-group basis. A block selection signal of driving-signal voltage level (VHT) and a heater driving signal corresponding to a selected block are generated based upon a print data signal, which has been input at a logic-signal voltage level (VDD), in any of an input circuit, shift register circuit and decoder circuit. The heater/driver array drives the heaters in accordance with the block selection signal and heater driving signal of the driving-signal voltage level.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.808/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :01/10/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : IMPROVED APPARATUS FOR CARBAMATE DECOMPOSITION AND AMMONIA AND CARBON DIOXIDE STRIPPING FROM UREA SOLUTIONS

(51) International classification	:B01J 19/26	(71)Name of Applicant :
(31) Priority Document No	:00121953.4	1)UREA CASALE S.A.
(32) Priority Date	:09/10/2000	Address of Applicant :Via Sorengo 7, CH-6900 Lugano-Besso,
(33) Name of priority country	:EUROPEAN UNION	Switzerland. Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RIZZI Enrico
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 7

(57) Abstract :

An improved apparatus for carbamate decomposition and ammonia and carbon dioxide stripping from urea solutions, comprises a stripper including a substantially cylindrical shell, which can be fitted onto a structure for supporting the shell in two distinct vertical positions rotated by 180° with respect to a horizontal symmetry axis of the stripper.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.809/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :17/08/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : A DUAL HINGE DEVICE FOR A DOOR AND DOOR FRAME

(51) International classification	:E05D 003/06	(71) Name of Applicant : 1)Manohar Mahabaleshwar Hegde Address of Applicant :post Ajjibal, Sirsi 581 340, Uttar Kannada. Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	2)VEENA MANOHAR HEGDE
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MANDHAR MAHABALESHWAR HEGDE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 2

(57) Abstract :

A dual hinge device for a door and door frame comprising at least two primary arcade members attached respectively to the two sides of the door; at least two socket members attached respectively to the two sides of the door frame, each said socket member being provided with a slot and two relatable secondary actuate members separated by a gap, the slot being aligned with the gap in the closed position of the door, such that each primary actuate member is snugly receivable in the said gap of the corresponding socket member and such that when the door is sought to be opened from any one side, the primary actuate member leaves the gap and the aligned slot of the corresponding socket member to enable the door to open, while, simultaneously, the primary actuate member of the socket member on the other side urges the secondary members thereof to retractably Move away to de-align the gap and the slot, and thus disable the door from opening on the said other side.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.828/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :08/10/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN IMPROVED GRID/PLATE/ELECTRODE FOR BATTERIES AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:H01M 4/72	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BALACHANDRA VAMAN PATANKAR
(32) Priority Date	:NA	Address of Applicant :59/1,6TH MAIN ROAD, MALLESWARAM,
(33) Name of priority country	:NA	BANGALORE-560 003. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BALACHANDRA VAMAN PATANKAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 90

No of Claims : 6

(57) Abstract :

This invention is relate to an improved grid/plate/electrode for batteries comprising a core grid / plate / electrode made from either a nonmetallic material or a combination of non-metallic materials with electrolytic quality metal powders or a combination of non-metallic materials with non-metallic conducting powders such as carbon, graphite, where the said core grid/plate/electrode is given a coating of copper preferably of thickness not less than 15 microns followed by a coating/ plating of pure lead. or lead alloy or non-metallic conducting material like carbon, graphite preferably of thickness not less than 75 microns.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.831/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :11/11/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN AUTOMATIC CHOKE SYSTEM FOR AN AUTOMOBILE

(51) International classification	:F02M 1/12	(71) Name of Applicant : 1)TVS MOTOR COMPANY LIMITED
(31) Priority Document No	:NA	Address of Applicant :JAYALAKSHMI ESTATES,NO.8,HADDOWS
(32) Priority Date	:NA	ROAD,CHENNAI-600 006 Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)GEORGE RAVINDRAN JAYAPAL
Filing Date	:NA	2)ANNU KAVOOR SUBRAMANIAN ANBUKKARASU
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 5

(57) Abstract :

An automatic choke system for an automobile comprising a microcontroller provided with a timer and a comparator, the timer for being activated and deactivated by the comparator, the timer once activated being automatically de-activated on the expiry of a , predetennined interval of time; switching means connected to an electrically operated choke the switching means being turned ON and OFF by the timer in its activated and de-activated states respectively, to open and close the said choke; sensors for sensing the temperature and the rpm of the engine respectively, the comparator receiving, the output signals from the said sensors and activatmg the timer only If both - sensors sense the said temperature and rpm to be below respective predetennined values, the comparator otherwise not activating the timer and if the timer should already be in the activated state de-activating the timer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.835/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :23/08/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF 4-(2-ISOPROPOXYETHOXYMETHYL)PHENOL

(51) International classification

:C07C
93/06

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)AUROBINDO PHARMA LIMITED,,

Address of Applicant :Plot No.2, Maitrivihar Complex, Ameerpet,
Andhara pradesh Hyderabad-500 038(A.P) Andhra Pradesh India

(72)Name of Inventor :

1)RAMESH DANDALA

2)VIPIN KUMAR UMAR KHAN

3)MOHAMMED UMAR KHAN

4)MEENAKSHISUNDERAM SIVAKUMARAN

No of Pages : 16

No of Claims : 10

(57) Abstract :

The present invention relates to a process for the preparation of 4-(25-isopropoxyethoxy-methyl)phenol of Formula I Which is an important intermediate in the preparation of an antihypertensive drug Bisoprolol of Formula II

(12) PATENT APPLICATION PUBLICATION

(21) Application No.840/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :15/10/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : OVERHEAD BROKEN CONDUCTOR ISOLATING SYSTEM

(51) International classification	:H01 H79/00	(71) Name of Applicant : 1)VINU SOMAN,
(31) Priority Document No	:NA	Address of Applicant :PUSHPAK, UG-68, ULLOOR GARDENS,
(32) Priority Date	:NA	ULLOOR, TRIVANDRUM KERALA-695 011, INDIA. Kerala India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)VINU SOMAN,
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 1

(57) Abstract :

The Overhead Broken Conductor Isolating System when fixed on electric posts isolates instantly the live broken conductor automatically and ensures safety to public or life coming in contact with the conductor. Also possible High voltage appearing across service outlets when a phase conductor falls on a neutral conductor is avoided and also check continuously the 'Sag' of conductors. The system consists of a neutral covering conductor maintaining an air gap in normal conditions which act as a short circuit for automatic tripping and isolating the faulty broken conductor. For maintaining the said airgap uniformly at various angular positions which may occur along the distribution lines, a set of devices has been incorporated to ensure this for practicability and economical viability.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.841/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :13/11/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN INTEGRATED SYSTEM FOR OBTAINING POTABLE WATER FROM A WATER SOURCE

(51) International classification	:C02F 1/44	(71) Name of Applicant : 1)AGGI MAGUDESWARAN
(31) Priority Document No	:NA	Address of Applicant :7 MARIAMMAN KOVIL MAIN ROAD,
(32) Priority Date	:NA	SALEM-636006. Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)AGGI MAGUDESWARAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 9

No of Claims : 5

(57) Abstract :

The invention discloses an integrated system for obtaining potable water from a water source. The said system comprises a pump for pumping water from said water source, handle of said pump being connected to a main shaft, the other end of said hand pump being connected to shafts of three hydraulic pumps. Inlet of the first hydraulic pump is connected to a raw water tank, which receive raw water from the well through the hand pump outlet. The outlet of the first hydraulic pump is connected to a reverse osmosis membrane module to provide potable water. The inlet of the second hydraulic pump is connected to a dosing chemical tank and the outlet of said second hydraulic pump being connected to the raw water tank. The inlet of the third hydraulic pump is connected to a tank containing a solution of food grade chemicals to reduce the acidity of the treated water, and the outlet of the third hydraulic pump being connected to the outlet of the reverse osmosis membrane module to adjust the pH and obtain drinking water.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.842/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :14/11/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : A DATA BELORDER AND A METHOD FPR RECORDING INFORMATION DATA WITH A PARITY OF AN ERROR CORRECTING CODE

(51) International classification	:H03M 13/00	(71)Name of Applicant : 1)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. Address of Applicant :1006,OAZA KADOMA,KADOMA- SHI,OSAKA-571 Japan
(31) Priority Document No	:P7-77976	2)KABUSHIKI KAISHA TOSHIBA
(32) Priority Date	:03/04/1995	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)TANAKA SHIN-ICHI
(86) International Application No	:NA	2)SHIMBO MASATOSHI
Filing Date	:NA	3)YAMADA SHINYA
(87) International Publication No	: NA	4)KOJIMA TADASHI
(61) Patent of Addition to Application Number	:NA	5)HIRAYAMA KOICHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 57

No of Claims : 3

(57) Abstract :

In a data transmission system for transmitting information data with a parity of an error correcting code for correcting an error in the information data, a read-out controller controls a transmitter to transmit the information data and the parity so that each data component of the information data obtained by dividing the information data of one data block area into a plurality of. data components and each parity component of the parity obtained by dividing the parity of one block area into a plurality of parity components are transmitted at intervals of each sector having a sector address, wherein the sector is defined as an data area obtained by dividing one data block area of a predetermined data amount into a plurality of sectors each having an identical data amount.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.843/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :15/10/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : "A THREE WAY VALVE ASSEMBLY"

(51) International classification	:C02F 5/00	(71) Name of Applicant : 1)ALPINE WATER SYSTEMS INDIA PRIVATE LIMITED
(31) Priority Document No	:NA	Address of Applicant :NO.4, N K P Muthuswamy Layout, Kamaraj
(32) Priority Date	:NA	Road, Coimbatore 641 018. Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)MALLAIYA SAMPATH KUMAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 4

(57) Abstract :

This invention relates to a three way valve assembly. It consists of an outlet manifold, inlet manifold, an inlet cover, an outlet cover and a drain cap A displaceable rod member extends horizontally from the drain cap of the valve assembly to the outlet manifold. The valve assembly has an inlet and an outlet. Inlet manifold and outlet manifold are also provided within the assembly which communicates with the inlet and the outlet respectively. A non return valve assembly consisting of an actuatable piston, conventional sealing members and valve wing are also provided. Displacement of the rod member establishes communication with the desired port in the valve assembly.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.844/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :24/08/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD AND SYSTEM FOR PULSED SIGNAL STRENGTH MEASUREMENT IN RADIO FREQUENCY SIGNALS

(51) International classification	:G01R 33/00	(71) Name of Applicant : 1)DEPARTMENT OF SPACE
(31) Priority Document No	:NA	Address of Applicant :INDIAN SPACE RESEARCH
(32) Priority Date	:NA	ORGANISATION (ISRO) HEADQUARTERS,ANTARIKSH
(33) Name of priority country	:NA	BHAVAN,NEW B.E.L ROAD,BANGALORE-560 094 Karnataka India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)THAKADIYIL JOSEPH APREN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 9

(57) Abstract :

A system for accurately measuring the pulsed signal strength in radio frequency signals with long off-time and short on-time, said system comprising a receiver to receive input radio frequency signals with long-off time and short-on time, a high-speed sampler cum holder to sample the non-uniform input signals and generate sampled periodic pulses, a memory unit to store the sampled periodic pulses, a high-speed analog to digital converter to convert the sampled periodic pulses into binary patterns, a database unit with a range of pre-determined limiting values and past records, a processor to compare the binary patterns with a range of limiting values stored in the database unit, said processor to store the middle value of the binary patterns, said processor to compare the middle value of binary patterns with past records to generate the final value of signal strength, a digital to analog converter to reconvert said binary patterns into analog signals, and an output device to display the final value of the signal strength of the radio frequency signals. The present invention also provides a method for measuring pulsed strength.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.844/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :15/10/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A WATER SOFTENING SYSTEM

(51) International classification	:C02F 5/00	(71) Name of Applicant : 1)ALPINE WATER SYSTEMS INDIA PRIVATE LIMITED
(31) Priority Document No	:NA	Address of Applicant :NO.4,N K P MUTHUSWAMY
(32) Priority Date	:NA	LAYOUT,KAMARAJ ROAD,COIMBATORE-6410018 Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)MALLAIYA SAMPATH KUMAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 9

(57) Abstract :

This invention relates to a water softening system. It consists of a pressure vessel and a brine well. A three way valve is mounted in communication with the inlet and the outlet of the pressure vessel. The valve consists of drain cap, an inlet and outlet manifolds communicating with the inlet and outlet of the pressure vessel. Brine well is provided with a float assembly which regulates the flow of brine into the pressure vessel for regeneration of the spent resin. An injector assembly communicating with the outlet connector and the brine well is also provided to inject brine from the brine well into the spent resin in the pressure vessel. The three way valve is provided with a displaceable rod sealingly positioned and movable on bushes. A preset timer and solenoid are also provided for actuating the regeneration cycle and the rod movement.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.848/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :15/11/2002

(43) Publication Date : 11/05/2007

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

(51) International classification

:C07D
501/04

(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)ORCHID CHEMICALS & PHARMACEUTICALS LTD.,

Address of Applicant :Orchid Towers, 313, Valluvar Kottam High
Road, Nungambakkam, Chennai-600 034. Tamil Nadu India

(72)Name of Inventor :

1)PANDURANG BALWANT DESHPANDE

2)CHANDRASEKARAN RAMASUBBU

No of Pages : 16

No of Claims : 8

(57) Abstract :

The present invention relates to an improved process for the preparation of cephalosporin antibiotic. More particularly, the present invention relates to a process for the preparation of cefdinir of the formula (1). Wherein R1 represents hydrogen, carboxylic acid ester or easily cleavable carboxylic protecting group by hydrolyzing a salt of compound of formula (VIII) using an acid in the presence of a solvent, Wherein M+ is a counter ion.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.857/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :22/04/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR THE SELECTIVE CATALYTIC OXIDATION OF OLEFINS TO ALDEHYDES/KEYTONES WITH CLEAVAGE OF C=C BONDS

(51) International classification	:C07C 45/28	(71)Name of Applicant : 1)HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH & CO.KG
(31) Priority Document No	:19717181.8	Address of Applicant :D-65926 FRANKFURT AM MAIN Germany
(32) Priority Date	:24/04/1997	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)DR.RICHARD WALTER FISCHER
(86) International Application No	:NA	2)PROF.DR.WOLFGANG ANTON HERRMANN
Filing Date	:NA	3)THOMAS WESKAMP
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 9

(57) Abstract :

A process for the selective catalytic oxidation of olefins to aldehydes/ketones with 5 cleavage of C=C bonds The use of compounds of the formula (I) $R_1aRebOc.Ld$ in which a = zero or an integer from 0 to 6 b = an integer from 1 to 4 c = an integer from 1 to 12 d = an integer from 0 to 4 L = Lewis base and the total of a, b and c is such as to comply with the penta- or hepta- valency of rhenium, with the proviso that c is not greater than 3.b, and in which R1 is absent, identical or different and is an aliphatic hydrocarbon radical having 1 to 10 carbon atoms, an aromatic hydrocarbon radical having 6 to 10 carbon atoms or an arylalkyl radical having 7 to 9 carbon atoms, where the R1 radicals can, where appropriate, be substituted identically or differently, independently of one another, as catalysts for the selective oxidation of olefins with cleavage of C=C bonds to give the corresponding carbonyl compounds in the presence of a peroxide-containing compound, where the amount of substance ratio of olefin to peroxide-containing compound is in a range from 1 : 2 to 1 : 14.

(54) Title of the invention : A COMPRESSOR MOTOR PROTECTOR CONNECTED TO A REFRIGERATION COMPRESSOR AND A METHOD FOR PROVIDING TORQUE PROTECTION THEREOF

(51) International classification	:H02H 007/00	(71)Name of Applicant : 1)TECUMSEH PRODUCTS COMPANY
(31) Priority Document No	:09/697 631	Address of Applicant :100 EAST PATTERSON
(32) Priority Date	:26/10/2000	STREET,TECUMSEH, MICHIGAN-49286 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)LEE W. MARRIOTT
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 4

(57) Abstract :

The present invention provides a device and method for protecting the motor of a hermetic refrigeration compressor. The device comprises a motor (22), input power lines (26), and a motor protector (24) connected to the input power lines to control the power to the motor. The motor protector includes a microprocessor (34), an input power measurement device (30, 32), and a switch means (38) for controlling the , connection of the power lines to the motor. The microprocessor includes memory (36) having instructions for storing an operating input power limit range based on the torque limits of the motor and for comparing the power input signal to the operating input power limit range of the motor. The microprocessor (34) controls the switch means (38) to open when the input power signal is outside of the operating input power limit range of the motor.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.88/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :06/01/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD APPARATUS COMPUTER PROGRAMCOMPUTER SYSTEM AND COMPUTER- READABLE STORAGE FOR REPRESENTING AND SEARCHING FOR AN OBJECT IN IMAGE

(51) International classification	:G06F 7/00
(31) Priority Document No	:9916684.5
(32) Priority Date	:15/07/1999
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/JP00/04673
Filing Date	:12/07/2000
(87) International Publication No	:WO/2001/006457
(61) 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 DENKI KABUSHIKI KAISHA
Address of Applicant :2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310. Japan
(72)**Name of Inventor :**
1)BOBER, Miroslaw Z.

No of Pages : 26

No of Claims : 23

(57) Abstract :

A method for displaying an object appearing in an image by processing a signal corresponding to a still or video image comprising a step of deriving a curvature scale space (CSS) display of the outline of an object by smoothing the outline of the object, a step of deriving at least one additional parameter reflecting the distribution of the shape or size of a version obtained by smoothing the original curve, and a step of correlating the CSS display with the additional parameter serving as a shape descriptor of the object.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.880/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :29/10/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : REINFORCING TAPE FOR SLIDE FASTENER

(51) International classification	:B32B 7/12	(71) Name of Applicant :
(31) Priority Document No	:2000-329852	1)YKK CORPORATION.
(32) Priority Date	:30/10/2000	Address of Applicant :1 KANDA IZUMI-CHO, CHIYODA-KU, TOKYO. Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)KOZO WATANABE.
Filing Date	:NA	2)SHIGERU FUNAKAWA.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 4

(57) Abstract :

In a reinforcing tape (1) for a slide fastener, which comprises a transparent elastomer film (2) and an adhesive layer (3) superposed on the reverse side thereof, an intermediate layer (an anchor coat layer) (4) having a thickness thinner than the thickness of the elastomer film and that of the adhesive layer is interposed between the elastomer film (2) and the adhesive layer (3). In a preferred embodiment, a polyamide elastomer film or polyester elastomer film is used as the elastomer film (2), a polyester anchor coat agent is used for the intermediate layer (4), and a polyester hot-melt adhesive is used for the adhesive layer (3). And the proper thickness of the intermediate layer (4) is 0.5 to 10 μm , preferably 2 to 3 μm .

(12) PATENT APPLICATION PUBLICATION

(21) Application No.885/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :30/10/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD FOR PRODUCING CYCLOPROPANECARBOXYLATES

(51) International classification	:C07C 69/743	(71)Name of Applicant : 1)SUMITOMO CHEMICAL TAKEDA AGRO COMPANY, LIMITED
(31) Priority Document No	:2000- 334375	Address of Applicant :5-33 KITAHAMA 4-CHOME,CHUO- KU,OSAKA-541-8550 Japan
(32) Priority Date	:01/11/2000	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)KAZUNORI IW AKURA
(86) International Application No	:NA	2)HIROSHI SOUDA
Filing Date	:NA	3)TOHEI TAKAGAKI
(87) International Publication No	: NA	4)YOSHIMI YAMADA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 31

No of Claims : 17

(57) Abstract :

There is provided a method for producing a cyclopropanecarboxylate of formula (1): which comprises contacting a cyclopropanecarboxylate of formula (2): with a monohydroxy compound of formula (3): R7OH (3), in the presence of a lithium compound of formula (4): R8OLi (4) wherein R1, R2, R3, R4 and R5 each independently represent a hydrogen atom, a halogen atom, a substituted or unsubstituted alkyl group, a substituted or unsubstituted alkenyl group, or a substituted or unsubstituted aryl group; R6 represents an alkyl group having 1 to 10 carbon atoms or a substituted or unsubstituted phenyl group; R7 and R8 do not simultaneously represent the same and each independently represent a substituted or unsubstituted alkyl group, or - a substituted or unsubstituted aryl group.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.89/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :06/01/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD, APPARATUS, COMPUTER PROGRAMCOMPUTER SYSTEM AND COMPUTER-READABLE STORAGE FOR REPRESENTING AND SEARCHING FOR AN OBJECT IN IMAGE

(51) International classification	:G06F 9/00	(71) Name of Applicant :
(31) Priority Document No	:9916684.5	1)MITSUBISHI DENKI KABUSHIKI KAISHA
(32) Priority Date	:15/07/1999	Address of Applicant :2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo
(33) Name of priority country	:U.K.	100-8310. Japan
(86) International Application No	:PCT/JP00/04673	(72) Name of Inventor :
Filing Date	:12/07/2000	1)MIROSLAW Z.BOBER
(87) International Publication No	:WO/2001/006457	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 21

(57) Abstract :

A method of representing an object appearing in a still or video image, by processing signals corresponding to the image, comprises deriving a curvature scale space (CSS) representation of the object outline by smoothing the object outline, deriving at least one additional parameter reflecting the shape or mass distribution of a smoothed version of the original curve, and associating the CSS representation and the additional parameter as a shape descriptor of the object.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :03/01/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN APPARATUS AND METHOD FOR DIPPING TREATMENT HAVING A CONVEYOR

(51) International classification	:B05B 13/00	(71)Name of Applicant : 1)HONDA GIKEN KOGYO KABUSHIKI KAISHA Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,MINATO-KU,TOKYO Japan
(31) Priority Document No	:2000- 007055	(72)Name of Inventor : 1)HIDENOBU NISHIDA 2)MAKOTO SAKAI
(32) Priority Date	:14/01/2000	
(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	

No of Pages : 32

No of Claims : 15

(57) Abstract :

An apparatus for a dipping treatment having a conveyor disposed above a treatment bath for dipping and designed to cause a workpiece conveyed by the conveyor to be immersed in and emerge from the treatment bath for dipping, wherein the workpiece is supported above the conveyor through a carrier, and the carrier is swung through an angle of approximately 180 degrees through the treatment bath for dipping in a plane that is substantially perpendicular to a direction of travel of the conveyor to cause the workpiece to be immersed in and emerge from the treatment bath for dipping.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.903/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :06/11/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD AND A SYSTEM FOR PRODUCING DIRECT REDUCED IRON USING COAL-DERIVED GAS

(51) International classification	:C21B 13/00	(71)Name of Applicant : 1)KABUSHIKI KAISHA KOBE SEIKO SHO Address of Applicant :3-18 WAKINOHAMACHO 1-CHOME,CHUO-KU,KOBE-SHI,HYOGO Japan
(31) Priority Document No	:2000- 340461	2)BABCOCK-HITACHI KABUSHIKI KAISHA
(32) Priority Date	:08/11/2000	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)TAKUO SHIGEISA
(86) International Application No	:NA	2)JINICHI TOMURO
Filing Date	:NA	3)EIICHIRO MAKINO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 49

No of Claims : 17

(57) Abstract :

In a method of producing direct reduced iron with use of a coal-derived gas, coal is heated to lower the moisture thereof, and the moisture-lowered coal is gasified in a coal gasification furnace to produce a coal-derived gas containing a reducing gas. The reducing gas is then utilized to reduce iron ore in an iron ore reducing furnace. With use of an exhaust gas from the iron ore reducing furnace, the coal is heated in the step of heating coal.

(54) Title of the invention : DISPOSABLE UNDERGARMENT HAVING A DISCONTINUITY AND METHODS FOR THE MANUFACTURE THEREOF

(51) International classification :A61FÂ 13/15 (31) Priority Document No :10/624,333 (32) Priority Date :22/07/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US04/10159 Filing Date :31/03/2004 (87) International Publication No :WO/2005/016200 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)KIMBERLY-CLARK WORLDWIDE, INC. Address of Applicant :401 N. Lake Street, Neenah, WI 54956. U.S.A. (72)Name of Inventor : 1)VAN GOMPEL, Paul, T. 2)THORSON, Russell, E. 3)HUANG, Yung, H. 4)WAGNER, Kenneth, J. 5)NIEMEYER, Jean, F. 6)MUSIL, Judith, A. 7)WUDI, Heidi, K. 8)BALOGH, Bridget, A. 9)MAAS, Cindi 10)VEITH, Jerome, Steve

No of Pages : 37

No of Claims : 20

(57) Abstract :

A method of manufacturing a disposable undergarment includes moving a web of body panel material in a longitudinal machine direction, forming a cross- machine direction slit in the web, and connecting a crotch member to the web. The crotch member extends in the cross-machine direction and covers the slit. A disposable undergarment having a slit, and a method for the use thereof, is also provided. In another aspect, a method of manufacturing an undergarment includes moving a web of body panel material in a longitudinal machine direction, forming a cutout in the web, cutting the web of body panel material along the longitudinal machine direction and thereby forming a rear body panel web and a front body panel web, and connecting a crotch member to each of the rear and front body panel webs. The crotch member covers said cutout when connected to the rear and front body panel webs. A disposable undergarment having a cutout, and a method for the use thereof, is also provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.928/MAS/2000 A

(19) INDIA

(22) Date of filing of Application :01/11/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : PROCESS FOR THE PREPARATION OF LOW CHLORIDE STABILISERS

(51) International classification	:C07F 9/28	(71)Name of Applicant :
(31) Priority Document No	:99810997.9	1)CLARIANT FINANCE (BVI)LTD.
(32) Priority Date	:02/11/1999	Address of Applicant :CITCO BUILDING, WICKHAMS CAY,P O
(33) Name of priority country	:EUROPEAN UNION	BOX 662, ROAD TOWN, TORTOLA, BRITISH VIRGIN ISLANDS. Ice Land
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIEN VAN TOAN,
(87) International Publication No	: NA	2)RONALD SALATHE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 10

(57) Abstract :

A process for the preparation of a stabiliser mixture containing a low amount of chloride comprising a) 50 -80 % by weight of tetrakis(2,4-di-tert-butylphenyl)biphenylene diphosphonite and its isomers, b) 5 -25 % by weight of bis(2,4-di-tert-butylphenyl)biphenylene monophosphonite and its isomers, and c) 5 -25 % by weight of a tris(2,4-di-tert-butylphenyl) phosphite, and where the sum of components (a), (b) and (c) is not greater than 100 % by weight, by reacting biphenyl under Friedel-Crafts condition with phosphorus trichloride and aluminium trichloride and by reacting the product mixture with 2,4-di-tert-butyl-phenol in the presence of a tertiary amine or an aromatic amine and a solvent, separating the formed two layers, which process comprises treating the solvent layer with water, a base and a desiccant, separating the precipitate from the solution containing the stabiliser mixture and evaporating the sol- vent.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.936/MAS/1998 A

(19) INDIA

(22) Date of filing of Application :30/04/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PRESSURE TRANSMITTER AND A METHOD OF CURING A PRESSURE TRANSMITTER

(51) International classification	:B29C 43/36	(71)Name of Applicant : 1)ADVANCED COMPOSITES GROUP LIMITED
(31) Priority Document No	:9709011	Address of Applicant :COMPOSITE HOUSE, ADAMS CLOSE
(32) Priority Date	:03/05/1997	HEANOR GATE INDUSTRIAL ESTATE, DERBYSHIRE,DE7 7SW,
(33) Name of priority country	:U.K.	UNITED KINGDOM U.K.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ROGER MARK SLOMAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 12

(57) Abstract :

A pressure transmitter for use in the curing of composite components may take the form of a caul plate, pressure intensifier or vacuum bag and is formed from a curable elastomeric material which is partially cured, normally when supported on a mould, at a temperature not exceeding 100°C. It is subsequently further cured at, for example 175°C, while unsupported. It may incorporate a reinforcing layer formed from a curable resin pre-impregnated fibrous material.

(54) Title of the invention : A LOOPER

(51) International classification	:B21B 37/50	(71) Name of Applicant :
(31) Priority Document No	:19953524.8	1)SMS DEMAG AG
(32) Priority Date	:05/11/1999	Address of Applicant :EDUARD-SCHLOEMANN-STRASSE 4,40237
(33) Name of priority country	:Germany	DUSSELDORF, FEDERAL REPUBLIC OF GERMANY. Germany
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PETER SUDAU
(87) International Publication No	: NA	2)MATTHIAS KIPPING
(61) Patent of Addition to Application Number	:NA	3)DR MATTHIAS TUSCHHOFF
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 10

No of Claims : 8

(57) Abstract :

A looper for measuring a wedge proportion of a longitudinal pull present within the longitudinal direction of the strip (1), running across a strip width (b), with a continuous looper roll (3) that stretches across the strip width (b) and is supported at both sides on a pivot arm (5), wherein each of the pivot arms (5) are connected to a looper shaft (6), characterized in that the looper roll (3) is engaged at the strip (1) by twisting the looper shaft (6), wherein the pivot arms (5) are respectively divided by a joint (7) into a shaft arm (8) and a looper roll arm (9). and wherein the joint (7) turns around at a dynamometer (10), each located at the respective pivot arm (5), with a reset force exerted from the strip (1) onto the looper roll (3), corresponding to the longitudinal pull, wherein the joint (7), the looper roll (3) and the dynamometer (10) together form a triangle with three sides (X, Y, Z), wherein the dynamometer (10) exhibits a force axis (12) and the looper roll arm (9) executes a movement " in the region of the dynamometer (10) that is essentially directed parallel to the force axis (12), wherein the shaft arm (8) and the looper roll arm (9) are connected to one another by a securing element (13) in order to prevent the looper roll arm (9) from lifting from the dynamometer (10) in the vicinity of the dynamometer (10) and the looper shaft (6) is constructed with an eccentrically engaging adjusting drive (14).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.947/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :01/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : MODIFIED FLUX SYSTEMS

(51) International classification

:B23K9/24;
B23K35/365

(31) Priority Document No

:11/142,586

(32) Priority Date

:01/06/2005

(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)Lincoln Global, Inc.

Address of Applicant :14824 Marquardt Avenue, Santa Fe Springs,
California 90670, U.S.A.

(72)Name of Inventor :

1)KAROGAL, Nikhil, U.,

No of Pages : 26

No of Claims : 35

(57) Abstract :

A titanium based welding flux that includes titanium dioxide and a moisture resistant agent. The titanium oxide includes purified titanium dioxide that includes little or no impurities that can act as nucleation sites for carbide formation in a weld metal. The moisture resistant compound includes a colloidal metal oxide

(12) PATENT APPLICATION PUBLICATION

(21) Application No.951/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :22/11/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN APPARATUS FOR PRODUCING WOUND LAPS

(51) International classification	:B65H 18/20	(71) Name of Applicant : 1)MASCHINENFABRIK RIETER AG
(31) Priority Document No	:100 58 299.0	Address of Applicant :KLOSTERSTRASSE 20,CH-8406 WINTERTHUR Switzerland
(32) Priority Date	:23/11/2000	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)RUSCH ALBERT
(86) International Application No	:NA	2)KLEINER ANDREAS
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 4

(57) Abstract :

The invention relates to an apparatus for producing wound taps (W) with at least one guide element (20, 21) for supplying a web (1) to a winding apparatus (WV) in which the web (1) is wound up on a tube (H) and is connected with a reversible drive (8). It is the object of the present invention to improve existing devices and to perform the change of the winding direction of a wound lap (W) in a simple way. This is achieved in such a way that the guide element (20, 21) is arranged displaceably with respect to the winding apparatus (WV).

(54) Title of the invention : A PLASTIC OUTLET VALVE FOR TRANSPORT AND STORAGE CONTAINERS FOR LIQUIDS

(51) International classification	:B65D 90/54	(71) Name of Applicant : 1)PROTECHNA S.A.
(31) Priority Document No	:103 44 962.0	Address of Applicant :AVENUE DE LA GARE 14, CH-1701 FRIBOYRG Switzerland
(32) Priority Date	:27/09/2003	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)UDO SCHUTZ
(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	

No of Pages : 14

No of Claims : 10

(57) Abstract :

A plastic outlet valve for containers for liquids has a valve housing having an inlet socket and a union nut for securing the inlet socket on an outlet socket of a container. An anti-twist device in the form of an outer annular cam arrangement with locking cams is arranged on the inlet socket of the valve housing. The locking cams interlock with locking cams of an inner annular cam arrangement of the outlet socket of the container. As an alternative, an adapter ring with inner and outer locking cams is provided. The adapter ring is slipped onto the insertion end of the inlet socket of the valve housing. The inner locking cams engage matching external longitudinal grooves of the inlet socket of the valve housing, and the outer locking cams engage matching inner longitudinal grooves provided on the outlet socket of the container.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.969/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :23/09/2004

(43) Publication Date : 11/05/2007

(54) Title of the invention : NEW PROCESS FOR PREPARING VINYL CEPHALOSPORIN

(51) International classification	:C07J 501/24	(71)Name of Applicant : 1)AUROBINDO PHARMA LIMITED
(31) Priority Document No	:NA	Address of Applicant :NO.2,MAITRIVIHAR COMPLEX
(32) Priority Date	:NA	(REGD.OFFICE),AMEERPET,HYDRABAD-500 038 Andhra Pradesh
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAMESH DANDALA
(87) International Publication No	: NA	2)VENKATA VARA PRASADA RAO KORRAPATI
(61) Patent of Addition to Application Number	:NA	3)MEENAKSHISUNDERAM SIVAKUMARAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 5

(57) Abstract :

A process for preparing Cefdinir of Formula II comprising the steps of, reacting thiazolyl acetic acid of Formula III; wherein R represents acetyl or trityl, with bis(5-methyl-1 ,3,4-thiadiazol-2..i yl)disulfide of Formula IV, in the presence of triphenyl phosphine and an organic base in a solvent to I Produce thioester derivative of thiazolyl acetic acid of formula I wherein R is defined above; (ii) acylating the compound of Formula V; wherein R I represents H or silyl group with thioester derivative of Formula I to produce protected Cefdinir of Formula VI, wherein R is defined above; deprotecting compound of Formula VI to produce Cefdinir of Formula II.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.974/MAS/2000 A

(19) INDIA

(22) Date of filing of Application :15/11/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : SPINNING FRAME WITH A CONDENSING DEVICE

(51) International classification	:D01H 03/00	(71)Name of Applicant :
(31) Priority Document No	:199 55	1)MASCHINENFABRIK RIETER AG
(32) Priority Date	:17/11/1999	Address of Applicant :KLOSTERSTRASSE 20, CH-8406
(33) Name of priority country	:Germany	WINTERTHUR. Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)STAMM PETER
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 6

No of Claims : 7

(57) Abstract :

Between a drafting unit of a spinning frame and a condensing device an upper outlet roller (16) is being pressed against a condensing element (35). While the roving (22) is being drawn in the drafting unit between a first roller pair (13,23), a second roller pair (14,34) and the third roller pair, i.e. the upper outlet roller (16) and the condensing element (35), the drawn fibres are being compressed within the zone along the condensing element (35) between the elements of the upper outlet roller (16) and the clamping roller (36) being pressed against the condensing element (35). At least one roller being pressed against the condensing element, in particular the upper outlet roller (16) is very soft, that is with a Shore hardness of less than 60Â°, whereby a good guidance of the fibres results between the upper outlet roller (16) and the condensing element, which is preferably being provided in the form of a perforated suction drums .

(12) PATENT APPLICATION PUBLICATION

(21) Application No.975/MAS/2000 A

(19) INDIA

(22) Date of filing of Application :15/11/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : SPINNING FRAME WITH SUCTION PIPE ATACONDENSING DEVICE

(51) International classification	:B65H 54/88	(71) Name of Applicant :
(31) Priority Document No	:199 55	1)MASCHINENFABRIK RIETER AG
(32) Priority Date	396.3	Address of Applicant :KLOSTERSTRASSE 20, CH-8406
(33) Name of priority country	:18/11/1999	WINTERTHUR. Switzerland
(86) International Application No	:Germany	(72) Name of Inventor :
Filing Date	:NA	1)BACHMANN OTHMAR
(87) International Publication No	:NA	2)STAMM PETER
(61) Patent of Addition to Application Number	:NA	3)DALITZ DIETER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 9

(57) Abstract :

In a spinning frame with a drafting unit (8) and a condensing device (10) a suction pipe (22) is arranged at the outlet side of the drafting unit within a wedge-shaped space between the circumferential surface of the condensing element (12) and a plane within which several threads (20) lay next to each other. Laterally, offset in relation to the pipe centre in axial direction of the condensing element (12) or the clamping roller (16) respectively, oval openings (28) are directed towards threads (20), in particular two openings (26,28) towards two threads (20). The suction pipe leads to a central suction device within the spinning frame.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.976/MAS/2000 A

(19) INDIA

(22) Date of filing of Application :16/11/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : AERATED CONCRETE AND A PROCESS FOR THE MANUFACTURE THEREOF

(51) International classification	:C04B14/00
(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)NATERI BHANUMATHIDAS

Address of Applicant :Fal-G Mansion, 35 Shri Venkateshwara Colony,
Sheilanagar, Visakapatnam Andhra Pradesh India

2)NATERI KALIDAS

3)PENUMATCHA VENKATA RAMACHANRA RAJU

4)PENUMATCHA VENKATA RAMACHANRA RAJU

5)NATERI KALIDAS

6)NATERI KALIDAS

(72)Name of Inventor :

1)NATERI BHANUMATHIDAS

2)kATERI BHANUMATHIDAS

No of Pages : 9

No of Claims : 12

(57) Abstract :

A process for the manufacture of aerated concrete comprises the preparation of an aqueous slurry from a mix containing 25-90 % by wt. of pozzolan material; 1-45% by wt. of lime; up to 45% by wt. of OPC; 2-15% of sulphate bearing compound; 0.05-3% of an aeration agent; and water at ambient or above ambient temperature. The slurry is poured into a mould and allowed to swell under aeration before curing the same for attaining hardness.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.978/MAS/2000 A

(19) INDIA

(22) Date of filing of Application :16/11/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : PROCESS FOR THE SELECTIVE OXIDATION OF ALCOHOLS USING READILY REMOVABLE NITROXYL RADICALS

(51) International classification	:C07C 45/30	(71)Name of Applicant :
(31) Priority Document No	:2113/99	1)CIBA SPECIALTY CHEMICALS HOLDING INC.
(32) Priority Date	:19/11/1999	Address of Applicant :KLYBECKSTRASSE 141,4057 BASEL.
(33) Name of priority country	:Switzerland	Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SOMMERLADE REINHARD
(87) International Publication No	: NA	2)GRUTZMACHER HANSJORG
(61) Patent of Addition to Application Number	:NA	3)BOULMAAZ SOUAD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 7

(57) Abstract :

This invention relates to a process for selective oxidation of alcohols to ketones or aldehydes by means of an alkali hypohalite in the presence of a heterogeneous oxidation catalyst that is insoluble in the reaction medium.

(54) Title of the invention : AN ANTICOMPOUNDING AND ROLL RACK PREVENTION SPRING BRAKE ACTUATOR FOR AN AUTOMOBILE BRAKING SYSTEM

(51) International classification	:F16D 55/224	(71) Name of Applicant : 1)SUNDARAM CLAYTON LIMITED
(31) Priority Document No	:NA	Address of Applicant :JAYALAKSHMI ESTATES,8,HADDOWS
(32) Priority Date	:NA	ROAD,CHENNAI-600 006 Tamil Nadu India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)SUNDARAMAHALINGAM SELVAMANI
Filing Date	:NA	2)NEON REGHUNADHAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 2

(57) Abstract :

An ,anti-compounding and roll back prevention spring brake actuator for an automobile braking system, comprising a service brake diaphragm chamber; a spring brake chamber; a ram assembly provided for the said chambers, wherein valve means such as herein described and a check valve are provided in the ram assembly, such that when the service brake and the parking brake are applied simultaneously, air on the pressure side of the service brake chamber escapes to atmosphere through said valve means, non-pressure side of the of the spring brake chamber and the said check valve, thereby minimising compounding of service brake force and parking brake force, and such that whenever the service brake is applied, the valve means are closed, isolating the pressure side of the service brake chamber and the non-pressure side of the spring brake' chamber, enabling the parking brake to be applied, without releasing the service brake,- until the stem of the valve means is pressed, thus preventing compounding and roll back.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.979/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :24/12/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : "AN SMALLER KEYBOARD"

(51) International classification	:G06F 3/02	(71) Name of Applicant : 1)SUDARSHANA
(31) Priority Document No	:NA	Address of Applicant :3-1168. CTO Road, Darbde, Puttur (D.K.),
(32) Priority Date	:NA	Karnataka-574 202. Karnataka India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)SUDARSHANA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 4

(57) Abstract :

This invention relates to an improved keyboard provided with keys arranged in a plurality of rows in a known manner, characterised in that: the width of each key is 0.4 to 0.9 cm, each key has rectangular cross section; the width of the key at the top surface being equal to the width at bottom surface; two switches, (S1, S2) are provided for each key (K); the said switches being connected electrically in such a way that when two adjacent keys are pressed simultaneously along their junction, a signal corresponding to the key locked towards a predetermined side (X) is generated and is transmitted to the computer; each group of contiguous keys (K I to K12) in each row of said keys is provided with an additional key (K13) on the side opposite to the said predetermined side (X).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.984/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :07/12/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : PRE-ASSEMBLED FRONT UNIT FOR MOTOR VEHICLES

(51) International classification	:B62D 25/08
(31) Priority Document No	:T02000A000710
(32) Priority Date	:18/07/2000
(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)DENSO THERMAL SYSTEMS SpA
Address of Applicant :Frazione Masio 24, I-10046 Poirino Torino. Italy
(72)**Name of Inventor :**
1)CRISTANTE LUIGI
2)MASCIANDARA EUSTACHIO

No of Pages : 9

No of Claims : 5

(57) Abstract :

Pre-assembled front unit for motor vehicles comprising: a supporting structure (12) destined to be fastened to the front part of a vehicle, a condenser (16) and a radiator (18) connected to the supporting structure (12) and connection devices for fastening the condenser (16) and the radiator (18) to the supporting structure (12) in such a way that the condenser and the radiator can be removed separately. The supporting structure (12) supports a pair of interchangeable lower plates (40) each of which is equipped with positioning and fastening devices (46) engaging the corresponding devices (20, 26) on the condenser (16) and on the radiator (18) which can be disengaged by upward movement of the condenser (16) and of the radiator (18).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/649/CHE A

(19) INDIA

(22) Date of filing of Application :13/11/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : AN ELECTROLYTIC POT FOR PRODUCTION OF ALUMINIUM

(51) International classification	:C25C 3/06	(71) Name of Applicant :
(31) Priority Document No	:98/05040	1)ALUMINIUM PECHINEY
(32) Priority Date	:16/04/1998	Address of Applicant :7, place du Chancelier Adenauer, F-75218 Paris
(33) Name of priority country	:France	Cedex 16 France
(86) International Application No	:PCT/FR99/00802	(72) Name of Inventor :
Filing Date	:07/04/1999	1)BOS, Jerome
(87) International Publication No	:WO/1999/054526	2)FEVE, Benoit
(61) Patent of Addition to Application Number	:NA	3)HOMSI, Pierre
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 19

(57) Abstract :

The first object of the invention is an electrolytic pot for the production of aluminum by the Hall-Heroult electrolysis process comprising Cooling means by blowing air with localized jets, and advantageously with variable flow, in order to evacuate and dissipate thermal energy from the pot. The second object of the invention is an aluminum production, plant using the Hall-Heroult electrolysis process characterized in that some pots, or all pots, either individually or in common, include Cooling means according to the invention.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/814/CHE A

(19) INDIA

(22) Date of filing of Application :12/12/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD OF FITTING A WORM TO AN ARMATURE SHAFT OF AN ARMATURE OF AN ELECTRIC MOTOR AND ARMATURE PRODUCED WITH THIS METHOD

(51) International classification	:H02K 15/00
(31) Priority Document No	:19916998.5
(32) Priority Date	:15/04/1999
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE00/00685
Filing Date	:03/03/2000
(87) International Publication No	:WO/2000/064032
(61) 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, D-70442 Stuttgart Germany
(72)**Name of Inventor :**
1)FAUTH, Lothar

No of Pages : 10

No of Claims : 9

(57) Abstract :

The invention relates to a method for fitting a worm (30) to an armature shaft (12) of an armature (10) for an electromotor. According to this method, armature parts such as a laminated armature core (18) with armature windings (20), a commutator (14), a bearing seat (26) and/or a bearing (28) are fitted to the armature shaft (12) first and the worm (30) is then rolled on the armature shaft (12). This has the advantage that the worm (30) can have a larger diameter than the armature shaft (12) over its remaining length of the latter.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/831/CHE A

(19) INDIA

(22) Date of filing of Application :15/12/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : A NON-THERAPEUTICAL PROCESS FOR PROTECTING WARM-BLOODED ANIMALS VERMIN

(51) International classification	:A01N 43/36	(71)Name of Applicant :
(31) Priority Document No	:1319/98	1)NOVARTIS AG
(32) Priority Date	:18/06/1998	Address of Applicant :Schwarzwaldallee 215, CH-4058 Basel
(33) Name of priority country	:Switzerland	Switzerland
(86) International Application No	:PCT/EP99/04174	(72)Name of Inventor :
Filing Date	:16/06/1999	1)FROELICH, Olivier
(87) International Publication No	:WO/1999/065308	2)BOUVIER, Jacques
(61) Patent of Addition to Application Number	:NA	3)CHRISTINAZ, Catherine
Filing Date	:NA	4)DI CRISCIO, Nicola
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 13

(57) Abstract :

The invention describes essentially a non-therapeutical process for protecting warm- blooded animals from vermin, which is based on the usage of the largely known compounds of formula (I), as defined herein before. Furthermore, it describes the -corresponding vermin-deterring compositions which contain these substances as the active ingredient, compounds of the formula (I) for the preparation of vermin- deterring compositions, and the use of compounds of formula (I) in the defence against vermin. Thus, the invention describes how and in which form the compounds of the formula (I) or their acid addition salts are used to deter vermin from materials, places or warm-blooded animals.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/839/CHE A

(19) INDIA

(22) Date of filing of Application :18/12/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD FOR THE PREPARATION OF A PRODUCT COMPRISING (R*,R*)-2-[(DIMETHYLAMINO) METHYL]-1-(3-METHOXYPHENYL) CYCLOHEXANOL HYDROCHLORIDE

(51) International classification	:C07C 213/02
(31) Priority Document No	:60/086,498
(32) Priority Date	:22/05/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/11336
Filing Date	:20/05/1999
(87) International Publication No	:WO/1999/061405
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MALLINCKRODT INC.
Address of Applicant :675 McDonnell Boulevard, P.O. Box 5840, St. Louis, MO 63134 U.S.A.
(72)**Name of Inventor :**
1)JARVI, Esa, T.
2)GRAYSON, Neile, A.
3)HALVACHS, Robert, E.

No of Pages : 15

No of Claims : 16

(57) Abstract :

A METHOD FOR THE PREPARATION OF A PRODUCT COMPRISING R*,R*)-2-[(dimethylamino) methyl]-1-(3-methoxyphenyl) cyclohexanol (Tramadol) is synthesized in a Grignard reaction in the presence of an additive resulting in a higher trans:cis ratio of product than is obtained in the absence of the additive. The Grignard reaction between 3 bromoanisole and the appropriate Mannich base in the presence of an amine or ether additive gives the amine product in an improved trans/cis ratio. The base is converted to its hydrochloride and recrystallized from a low molecular weight nitrile such as acetonitrile until a greater than 98 % trans/cis ratio is obtained. Recrystallization from isopropanol gives (R*,R*)-2-[(dimethylamino)methyl]-1-(3-methoxyphenyl)cyclohexanol hydrochloride free of the nitrile solvent. A hydrochloride of Tramadol can be synthesized without increasing a ratio of trans:cis by including a step in which HCl is added to Tramadol base in the presence of toluene.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/855/CHE A

(19) INDIA

(22) Date of filing of Application :20/12/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : NOVEL ASPARTYL DIPEPTIDE ESTER DERIVATIVES

(51) International classification	:C07K 5/075
(31) Priority Document No	:10/180204
(32) Priority Date	:26/06/1998
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP1999/003050
Filing Date	:07/06/1999
(87) International Publication No	:WO/2000/000508
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AJINOMOTO CO., INC.

Address of Applicant : 15-1, Kyobashi 1-chome Chuo-ku Tokyo 104-8315 Japan

(72)Name of Inventor :

1)AMINO, Yusuke

2)YUZAWA, Kazuko

3)TAKEMOTO, Tadashi

4)NAKAMURA, Ryoichiro

No of Pages : 35

No of Claims : 16

(57) Abstract :

There are provided novel aspartyl dipeptide ester derivatives (including salts thereof) such as N- [N- [3- (3- hydroxy-4-methoxyphenyl)propyl] -L- α -aspartyl] -L- (α - methyl)phenylalanine 1-methyl ester which are usable as sweeteners, and sweeteners, foods and the like containing the same. These derivatives are usable as low-calory sweeteners especially excellent in the degree

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/860/CHE A

(19) INDIA

(22) Date of filing of Application :20/12/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : A CURRENT SENSOR AND A CURRENT MEASUREMENT APPARATUS

(51) International classification	:G01R 1/20
(31) Priority Document No	:9813982.7
(32) Priority Date	:30/06/1998
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB99/02053
Filing Date	:30/06/1999
(87) International Publication No	:WO/2000/000833
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DELTA ELECTRICAL LIMITED
Address of Applicant :1 Kingsway, London WC2B 6XF U.K.
(72)**Name of Inventor :**
1)SKERRITT, Robert, Charles
2)CROSIER, Mark, David
3)MURRAY, Martin, Anthony
4)REEDER, Brian, Martin

No of Pages : 11

No of Claims : 11

(57) Abstract :

A current sensor comprising a rigid metallic link member having two end portions of conductive material and an intermediate portion interconnecting the end portions, said intermediate portion being formed of a resistive material, and an integrated circuit analog to digital converter mounted on said link member, said converter having analog input terminals connected to respective ones of said two end portions and digital output terminals for connection to a processing apparatus.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/870/CHE A

(19) INDIA

(22) Date of filing of Application :21/12/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF AN AQUEOUS COMPOSITION

(51) International classification	:C07D 26/18
(31) Priority Document No	:98111529.8
(32) Priority Date	:23/06/1998
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP99/04340
Filing Date	:22/06/1999
(87) International Publication No	:WO/1999/067339
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AKZO NOBEL N.V.
Address of Applicant :Velperweg 76, NL-6824 BM Arnhem
Netherlands

(72)**Name of Inventor :**
1)BUTER, Roelof
2)ROELOFS, Andreas, Henricus, Johannes

No of Pages : 37

No of Claims : 13

(57) Abstract :

The invention relates to an aqueous coating composition comprising a mixture of 90 to 99 wt.% of a film forming binder composition comprising an alkali non-swellable core-shell addition polymer dispersion (I), and 1-10 wt.% of a rheology modifying addition polymer dispersion (II). It is required that the total amount of (meth)acrylic acid in 100 parts of the total addition polymer (I) is less than 1.75 wt.%. The aqueous coating composition of the present invention can be advantageously used as a base coat in a base coat/clear coat system. This use shows a decrease in strike-in effect compared to previous known base coat/clear systems.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/875/CHE A

(19) INDIA

(22) Date of filing of Application :22/12/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR THE RECOVERY OF FLUORINATED EMULSIFIER ACIDS FROM WASTEWATER

(51) International classification	:B01J 47/00	(71)Name of Applicant :
(31) Priority Document No	:198 24 614.5	1)DYNEON GMBH & CO. KG
(32) Priority Date	:02/06/1998	Address of Applicant :D-84504 Burgkirchen Germany
(33) Name of priority country	:Germany	2)AXIVA GMBH
(86) International Application No	:PCT/EP99/03672	(72)Name of Inventor :
Filing Date	:27/05/1999	1)FELIX, Bernd
(87) International Publication No	:WO/1999/062858	2)SULZBACH, Reinhard
(61) Patent of Addition to Application Number	:NA	3)FUHRER, Stephan
Filing Date	:NA	4)KAISER, Thomas
(62) Divisional to Application Number	:NA	5)KNIEP, Hagen
Filing Date	:NA	6)BUDESHEIM, Armin

No of Pages : 14

No of Claims : 9

(57) Abstract :

The present invention relates to a process for the recovery of fluorinated emulsifier acids from wastewater, which comprises firstly removing fine solids and/or material which can be converted into fine solids from the wastewater from the polymerization of fluorinated monomers, subsequently binding the fluorinated emulsifier acids on an anion-exchange resin and eluting the fluorinated emulsifier acids from the latter.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/879/CHE A

(19) INDIA

(22) Date of filing of Application :22/12/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF COMPOUND OF FORMULA (1)

(51) International classification	:C07C 227/08	(71)Name of Applicant :
(31) Priority Document No	:MI98A001583	1)BRACCO IMAGING S.P.A.
(32) Priority Date	:10/07/1998	Address of Applicant :Via E. Folli, 50, I-20134 Milano Italy
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No	:PCT/EP99/04478	1)AUSONIO, Marina
Filing Date	:29/06/1999	2)DISTASO, Carlo
(87) International Publication No	:WO/2000/002847	3)ELIA, Giuseppe, Gerardo
(61) Patent of Addition to Application Number	:NA	4)LESIGNOLI, Alessandro
Filing Date	:NA	5)PIVA, Rodolfo
(62) Divisional to Application Number	:NA	6)SECCHI, Carlo
Filing Date	:NA	

No of Pages : 28

No of Claims : 23

(57) Abstract :

1. A process for the preparation of compound of formula (I) comprising the successive steps of: (a) reacting 2-chloro-3-(phenylmethoxy)propionic acid potassium salt of formula (II) in a solution and in the presence of an alkali or alkaline-earth metal (Me) oxide or hydroxide, with diethyltriamine to give the N-[2-[(2-aminoethyl)amino]ethyl]-O- .(phenylmethyl)serine salt of formula (III) with corresponding metal cation (b) purifying and concentrating the solution containing compound (III); (c) reacting compound (III) with bromoacetic acid while maintaining a basic pH; then (d) purifying and isolating compound (I).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/885/CHE A

(19) INDIA

(22) Date of filing of Application :26/12/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD FOR ACCESSING VIEWING AND MAINPULATING DATA STORED IN A COMPUTER SYSTEM

(51) International classification	:G06F 17/30
(31) Priority Document No	:09/109135
(32) Priority Date	:02/07/1998
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US99/14478
Filing Date	:25/06/1999
(87) International Publication No	:WO/2000/002146
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)COPERNICAN TECHNOLOGIES, INC.

Address of Applicant :478 Los Pinos Way San Jose, CA 95123-5206
U.S.A.

(72)**Name of Inventor :**

1)VOLNAK, Will

No of Pages : 33

No of Claims : 19

(57) Abstract :

A method for accessing, viewing and manipulating data stored in a computer system having one or more computers with at least one storage device, the method comprising: storing a set of entries in a permanent archive on one or more of the computers of the computer system; storing a collection of references to one or more of the entries in a notebook on one or more of the computers; displaying the collection of references and one or more entries in a window of one of the computers; manipulating the collection of references in the notebook; adding entries into a journal on one of the computers by creating a plurality of modifiable objects; storing the plurality of modifiable data that objects on the storage device of the computer system; storing the entries in the permanent archive by converting the modifiable data objects into non-modifiable data objects; searching the entries according to one or more new search parameters; in response to the search, creating one or more new references to the entries satisfying the search parameters and adding the new references to the collection of references; and wherein the first collection of references is stored in a first notebook on one of the computers and a second collection of references to the entries is stored on a second notebook on another computer, wherein the computers are connected and communicate over a network.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2000/738/CHE

(19) INDIA

(22) Date of filing of Application :28/11/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR PREPARING ISOXAZOLES

(51) International classification : C07D 261/04

(31) Priority Document No : 198 20 722.0

(32) Priority Date : 11/05/1998

(33) Name of priority country :GERMANY

(86) International Application No : PCT/EP/19999/003006
Filing Date :04/11/1999

(87) International Publication No :WO 1999/058509

(61) 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 Aktiengesellschaft,
D-67056 LUDWIGSHAFEN,
GERMANY.

(72)Name of Inventor :

1. RHEINHEIMER, JOACHIM
2. VON DEYN, WOLFGANG
3. GEBHARDT, JOACHIM
4. RACK MICHAEL
5. LOCHTMAN, RENE
6. GOTZ, NORBERT
7. KEIL, MICHAEL
8. WITSCHER, MATTHIAS
9. HAGEN, HELMUT

No of Pages:61

No of Claims:14

(57) Abstract :

The present invention relates to A process for preparing isoxazoles of the formula I.
where the substituents are as defined below:

R1 is hydrogen, C1-C6-alkyl,

R2 is C1-C6-alkyl R3, R4, R5 are hydrogen, C1-C6-alkyl, or R4 and R5 together form a bond,

R6 is a heterocyclic ring, N is 0, 1 or 2;

Which comprises preparing an intermediate of the formula VII .

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1282/CHE

(19) INDIA

(22) Date of filing of Application :14/09/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF A SOLID COMPONENT OF CATALYST

(51) International classification	:C08F 10/00	(71)Name of Applicant :
(31) Priority Document No	:MI99A000609	1)POLIMERI EUROPA S.R.L.
(32) Priority Date	:25/03/1999	Via E. Fermi,4 I-72100 Brindisi
(33) Name of priority country	:Italy	Italy.
(86) International Application No	:PCT/EP2000/002471	.
Filing Date	:20/03/2000	
(87) International Publication No	: WO/2000/058368	
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MENCONI, Francesco
(62) Divisional to Application Number	:NA	2)CONTI, Giuseppe
Filing Date	:NA	3)ZANELLATO, Alberto
		4)MOALLI, Angelo

No of Pages:36

No of Claims:22

(57) Abstract :

The present invention relates to a process for the preparation of a solid component of catalyst for the (co)polymerization of α -olefins, comprising at least 95% by weight, from 98 to 100% by weight, based on the total weight of the solid component of catalyst, of titanium, magnesium, aluminium, chlorine, (R-COO-) carboxylate and at least one metal selected from the group consisting of hafnium and zirconium, in the following molar ratios: $M/Ti = 0.1-10.0$; $Mg/Ti = 1.0-20.0$; $Al/Ti = 0.01-6.0$; $Cl/Ti = 2.0-70.0$; $R-COO/Ti = 0.1-10.0$ wherein: R is an aliphatic, cycloaliphatic or aromatic hydrocarbon radical, containing from 1 to 30 carbon atoms, and M is a metal selected from hafnium and zirconium or mixtures.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/152/CHE A

(19) INDIA

(22) Date of filing of Application :01/02/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD AND SYSTEM FOR THE MANUFACTURE OF DUAL-PHASE STEELS

(51) International classification	:C21D 8/02	(71)Name of Applicant :
(31) Priority Document No	:198 33 321.8	1)SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT
(32) Priority Date	:24/07/1998	Address of Applicant :Eduard-Schloemann-Strasse 4 D-40237
(33) Name of priority country	:Germany	Düsseldorf Germany
(86) International Application No	:PCT/EP1999/005113	(72)Name of Inventor :
Filing Date	:17/07/1999	1)DR. August SPROCK
(87) International Publication No	:WO/2000/005422	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 5

(57) Abstract :

The present invention relates to a method and a system for the manufacture of dual-phase steels from the hot-rolled state with a two-phase micro-structure of 70 to 90 % ferrite and 30 % to 10 % martensite by controlled temperature application and defined cooling strategy during the cooling of the steels, inter alia by means of water cooling after finish rolling whereby, in a first cooling stage with slow cooling rate, the cooling curve runs into the ferrite sector, and in a second cooling stage at a higher cooling rate is further cooled to temperatures below the martensite start temperature, characterized in that the first cooling stage is carried out in an adjusted manner in a cooling stretch consisting of water cooling stages arranged at intervals behind one another, with a cooling rate of 20-30 K/s, such that a) The cooling curve runs into the ferrite sector still at such a high temperature that the ferrite formation can take place rapidly, and b) Before the start of the second cooling stage, which follows immediately from the first cooling stage, without intermediate air cooling and dwell time, already at least 70% of the austenite is converted into ferrite, and, during the conversion of the austenite into ferrite, the cooling of the first cooling stage is continued until the desired ferrite content of at least 70% is attained.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1740/CHE A

(19) INDIA

(22) Date of filing of Application :10/12/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD FOR UPDATING A SET OF DATA IN A MEMORY

(51) International classification	:G06F 11/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BELLE GATE INVESTMENT B.V
(32) Priority Date	:NA	Address of Applicant :Parkweg 2 NL-2585 JJ Den Haag, Netherlands
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/NL99/00360	1)DE JONG, Eduard, Karel
Filing Date	:10/06/1999	2)BOS, Jurjen, Norbert, Eelco
(87) International Publication No	:WO/2000/077640	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 9

(57) Abstract :

Computer-readable medium storing a data structure for supporting persistent storage of a set of data, the data structure including: (a) at least an oldest version of the set of data in a first memory area, the first memory area including at least one first tag for uniquely identifying the oldest version, and (b) at least a most recently updated version of the set of data in a second, distinct memory area, the second memory area including at least one second tag for uniquely identifying the most recently updated version. The invention also relates to a computer arrangement including a processor and such a computer-readable medium, as well as to a method of updating sets of data having such tagged-data structures.

(12) PATENT APPLICATION PUBLICATION

(21) Application No. IN/PCT/2001/215/CHE A

(19) INDIA

(22) Date of filing of Application : 14/02/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : A SYSTEM AND METHOD FOR DECODING AND A DECODER

(51) International classification	: H03M 13/00
(31) Priority Document No	: 60/096,489
(32) Priority Date	: 14/08/1998
(33) Name of priority country	: U.S.A.
(86) International Application No	: PCT/US1999/018550
Filing Date	: 13/08/1999
(87) International Publication No	: WO/2000/010254
(61) 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, CA 92121-1714 U.S.A.
(72) Name of Inventor :
1) HALTER, Steven, J.

No of Pages : 20

No of Claims : 15

(57) Abstract :

The present invention is a novel and improved technique for decoding technique with particular application to turbo, or iterative, coding techniques. In accordance with one embodiment of the invention, a system for decoding includes a channel deinterleaver RAM for storing a block of symbol estimates, a set of S state metric calculators and a set of S+1 window RAMs. Each state metric calculator is for generating a set of state metric calculations, wherein, S of said S+1 window RAMs provide symbol estimates to said S state metric calculators. A remaining window RAM receives symbol estimates from said channel deinterleaver RAM.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/888/CHE

(19) INDIA

(22) Date of filing of Application :28/11/2000

(43) Publication Date : 11/05/2007

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

(51) International classification	: A61K 31/343
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/DK1999/000581
Filing Date	:25/10/1999
(87) International Publication No	: WO/2000/012044
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)H. LUNDBECK A/S
Ottiliavej 9 DK-2500 Valby Copenhagen
Denmark.

(72)Name of Inventor :
1)ROCK, Michael, Harold
2)PETERSEN, Hans
3)ELLEGAARD, Peter

No of Pages:19

No of Claims:9

(57) Abstract :

This invention relates to a method for the preparation of citalopram comprising reaction of a compound of Formula (IV), wherein R is C1-6 alkyl, acyl, C1-6 alkylsulfonyl or arylsulfonyl, with 3-(N,N-dimethylamino)-propyl magnesium halide, to prepare citalopram. In another aspect, the present invention provides the novel intermediates of Formula (IV). In a further aspect, the invention relates to methods for preparing the intermediates of Formula (IV).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2002/762/CHE A

(19) INDIA

(22) Date of filing of Application :22/05/2002

(43) Publication Date : 11/05/2007

(54) Title of the invention : A METHOD AND APPARATUS FOR TRANSLATING A NATIVE LANGUAGE PHRASE TO A FOREIGN LANGUAGE PHRASE

(51) International classification :G06F 17/28
(31) Priority Document No :09/447, 526
(32) Priority Date :23/11/1999
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2000/032019
Filing Date :21/11/2000
(87) International Publication No :WO/2001/039036
(61) 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, CA 92121-1714 U.S.A.
(72)Name of Inventor :
1)SHI, Guangming, Carl;

No of Pages : 19

No of Claims : 14

(57) Abstract :

A voice controlled foreign language translator (600) implemented in a device such that a user can speak a phrase in the user's native language and the translator will repeat the phrase in the foreign language. The user is provided a collection of predetermined foreign phrases (644). The phrases are stored in a device memory (640). Each individual phrase is accessible by the user. If speaker dependent voice recognition is implemented, the user must train the device to correlate the native language phrase with the foreign language phrase prior to using the translation feature. Voice recognition software operating on a digital processor (630) within the device processes the user voice input. Once the user has trained the device it can be used in translation mode. In translation mode the user speaks one of the pre-trained native language phrases and the device, using voice recognition, outputs the corresponding foreign phrase. The output is typically played on a loudspeaker (658) in the device.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1699/MAS/1998

(19) INDIA

(22) Date of filing of Application :30/07/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : DRIVE CONTROL FOR SPINNING FRAME.

(51) International classification	: D 01 H 1/20
(31) Priority Document No	: 1997 1837/97
(32) Priority Date	: 31/07/1997
(33) Name of priority country	: SWIZERLAND
(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)MASCHINENFABRIK RIETER AG,
KLOSTERSTRASSE 20, CH-8406,
WINTERTHUR, SWITZERLAND.

(72)Name of Inventor :
1) WOLF HORST.

No of Pages:11

No of Claims:6

(57) Abstract :

In a spinning frame drive a drive control unit (4) is being provided, which is being arranged between a power circuit (10) and an alternating-current power circuit (30). The drive control unit comprises a power supply unit (3), a measuring device (7), a voltage regulator (9) and a frequency regulator (11), by which the voltage U, the frequency n respectively, are controllable in an alternating-current power circuit (30) succeeding the power supply unit (3). The drive control unit (4) is designed in such a way, that the voltage and the frequency in the alternating-current power circuit (30) can be increased until a cut-off value n_l up to a value $U_l = 400 \text{ V}$ is reached, while when exceeding the cut-off frequency $n_l = 90 \text{ Hz}$ the voltage U is being maintained constant.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.480/MAS/1998

(19) INDIA

(22) Date of filing of Application :09/03/1998

(43) Publication Date : 11/05/2007

(54) Title of the invention : SUPPORTED CATALYST SYSTEM, PROCESS FOR ITS PREPARATION AND ITS USE FOR THE POLYMERISATION OF OLEFINS

(51) International classification : C08F 04/02
(31) Priority Document No : 197 09 402.3
(32) Priority Date :07/03/1997
(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)TARGOR GmbH
RHEINSTRASSE 4G, 55116 MAINZ,Germany.
.

(72)Name of Inventor :
1)CARSTEN BINGEL
2)MARKUS GOERES
3) VOLKER FRAAIJE
4)ANDREAS WINTER

No of Pages:3

No of Pages:27

(57) Abstract :

A catalyst system which comprises at least one metallocene, at least one cocatalyst and at least one passivated support.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.462/MAS/2000

(19) INDIA

(22) Date of filing of Application :16/06/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : MULTIPOLAR ELECTROMAGNETIC SWITCHING MODULE

(51) International classification : H01H 51/00

(31) Priority Document No :FR99 07879

(32) Priority Date :18/06/1999

(33) Name of priority country :France

(86) International Application No : NA

Filing Date :NA

(87) International Publication No :

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SCHNEIDER ELECTRIC INDUSTRIES SA.,
89 BOULEVARD FRANKLIN ROOSEVELT
F-92500 RUEIL-MALMAISON, FRANCE.

(72)Name of Inventor :

1) BERNARD FOURNIER
2)JEAN-MARC ROMILLON

No of Pages:15

No of Claims:16

(57) Abstract :

The present invention relates to a multipolar electromagnetic switching module that is connected by line connections (tl, t2, t3) to a main multipolar electromagnetic switching device (AP) and by load connections (U, V, We U', V', W') to at least one motor and having between said connections several power current lines (C1, C2, C3) with switching poles the contacts of which are always alternately closed, and controlled by a switching electromagnet (E2) driven by an electric control circuit (CC), and characterized in that the switching poles (C1, C2, C3) and current lines are arranged to perform a motor control function such as reverser, startriangle or distributor and in that the pole control assembly consisting of the switching electromagnet (E2) and the control circuit (Cc) is offset relative to the switching poles and load paths in a direction perpendicular to the rear fastening surface (P) of the module such that the width (L) of the module is reduced and more or less identical to that of the main device (AP) associated with it.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.58/MAS/2000 A

(19) INDIA

(22) Date of filing of Application :25/01/2000

(43) Publication Date : 11/05/2007

(54) Title of the invention : POWER SEMICONDUCTOR MODULE

(51) International classification	:H01L 23/48	(71)Name of Applicant : 1)ABB SCHWEIZ AG
(31) Priority Document No	:199 03 245.9	Address of Applicant :OF BROWN BOVERI STRASSE 6, 5400 BADEN, Switzerland
(32) Priority Date	:27/01/1999	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)DR.THOMAS LANG
(86) International Application No	:NA	2)BENNO BUCHER
Filing Date	:NA	3)TONI FREY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 11

(57) Abstract :

A power semiconductor module is specified, in which at least one semiconductor chip (4) with which contact is made by pressure is electrically connected via a contact element (8) to a main connection (30). The contact element (8) has two planar contact surfaces (81, 82), between which a spring element (7) is located. Irrespective of the individual position and height of a chip (4), the respective spring element (7) ensures a standard contact force. Overloading of the semiconductor chips (4) when the module is being clamped in is prevented by means of ceramic supporting elements (10).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.86/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :31/01/2001

(43) Publication Date : 11/05/2007

(54) Title of the invention : "A PROCESS FOR SELECTIVE DIMERISATION OF PROPYLENE"

(51) International classification	:C07C 02/36	(71)Name of Applicant : 1)INSTITUT FRANCAIS DU PETROLE
(31) Priority Document No	:00/01.511	Address of Applicant :1 & 4 avenue de Bois-Preau, 92852 RUEIL
(32) Priority Date	:04/02/2000	MALMAISON CEDEX. France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:NA	1)COMMEREUC Dominique
Filing Date	:NA	2)LE PENNEC Dominique
(87) International Publication No	: NA	3)OLIVIER-BOURBIGOU Helene
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 19

(57) Abstract :

The present invention relates to a process for selective dimerisation of propylene principally into branched dimers, characterized in that the propylene is brought into contact with a catalytic composition comprising at least one nickel compound mixed or complexed with at least one tertiary phosphine carrying a functional group, at least partly dissolved in a non aqueous medium with an ionic nature resulting from bringing at least one aluminium halide (product B) into contact with at least one quaternary ammonium halide and/or at least one quaternary phosphonium halide (product A).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1601/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :09/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : CRC COUNTER NORMALIZATION

(51) International classification :H04L 1/24,H04L 1/20
(31) Priority Document No :60/613,594
(32) Priority Date :25/09/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/033922
Filing Date :23/09/2005
(87) International Publication No :WO 2006/036723
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)AWARE, INC.

Address of Applicant :40 MIDDLESEX TURNPIKE, BEDFORD, MA 01730-1432 U.S.A.

(72)Name of Inventor :

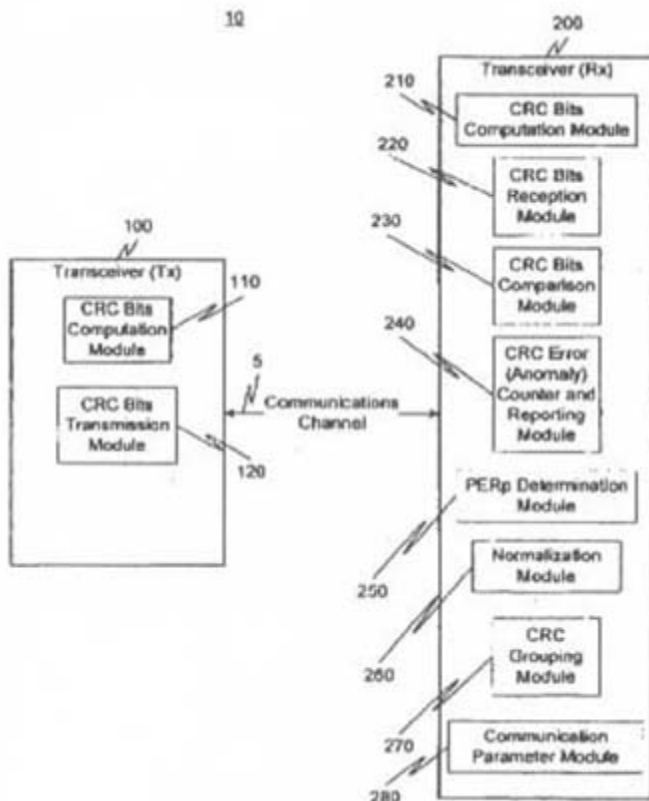
1)TZANNES MARCOS C.

No of Pages : 34

No of Claims : 38

(57) Abstract :

The ability to accurately and efficiently calculate and report communication errors is becoming more important than ever in today's communications environment. More specifically calculating and reporting CRC anomalies in a consistent manner across a plurality of communications connections in a network is crucial to accurate error reporting. Through a normalization technique applied to a CRC computation period (e.g., the PERp value), accurate error identification and reporting for each individual connection can be achieved.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1602/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :09/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : THIAZOLES AND OXAZOLES USEFUL AS MODULATORS OF ATP-BINDING CASSETTE TRANSPORTERS

(51) International classification	:A61K 31/42
(31) Priority Document No	:60/520,355
(32) Priority Date	:14/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/038566
Filing Date	:15/11/2004
(87) International Publication No	:WO 2005/049018
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VERTEX PHARMACEUTICALS INCORPORATED

Address of Applicant :130 WAVERLY STREET, CAMBRIDGE, MA
02139 U.S.A.

(72)Name of Inventor :

1)HADIDA RUAH SARAH S

2)MILLER MARK T

3)GROOTENHUIS PETER D J

4)HAMILTON MATTHEW

No of Pages : 142

No of Claims : 88

(57) Abstract :

The present invention relates to modulators of ATP-Binding Cassette ("ABC") transporters or fragments thereof, including Cystic Fibrosis Transmembrane Regulator ("CFTR"), compositions thereof, and methods therewith. The present invention also relates to methods of treating ABC transporter mediated diseases using such modulators.

(54) Title of the invention : MANUFACTURING SYSTEM WITH INTRINSICALLY SAFE ELECTRIC INFORMATION STORAGE

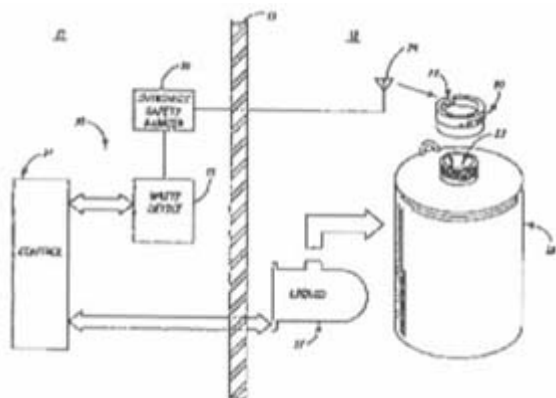
(51) International classification	:A61K31/42,A61K31/422	(71)Name of Applicant :
(31) Priority Document No	:10/725,218	1)ADVANCED TECHNOLOGY MATERIALS, INC.
(32) Priority Date	:01/12/2003	Address of Applicant :MARGARET CHAPPUIS, 7 COMMERCE
(33) Name of priority country	:U.S.A.	DRIVE, DANBURY, CONNECTICUT 06810 U.S.A.
(86) International Application No	:PCT/US2004/039841	(72)Name of Inventor :
Filing Date	:29/11/2004	1)O'DOUGHERTY, KEVIN, T
(87) International Publication No	:WO 2005/055120	2)BAILLIE, BRYAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 37

(57) Abstract :

The present invention is a manufacturing system including a hazard zone and a non-hazard zone. The system includes a storage device, located in the hazard zone, for electrically storing information. The system further includes a communication device, also located in the hazard zone, for storing Information to and reading information from the storage device. In the non-hazard zone, a controller is in electrical communication with the communication device. The controller controls the system based on information read from the storage device by the communication device. To limit electric energy passing to the communication device, an intrinsic safety barrier located in the non-hazard zone is connected between the communication device and the controller device.



(54) Title of the invention : ALUMINIUM OXIDE POWDER PRODUCED BY FLAME HYDROLYSIS AND HAVING A LARGE SURFACE AREA

(51) International classification	:C01F 7/30	(71)Name of Applicant :
(31) Priority Document No	:103 60 087.6	1)DEGUSSA AG
(32) Priority Date	:20/12/2003	Address of Applicant :BENNIGSENPLATZ 1, 40474 DUSSELDORF
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2004/013564	(72)Name of Inventor :
Filing Date	:30/11/2004	1)DR. KAI SCHUMACHER
(87) International Publication No	:WO 2005/061385	2)RAINER GOLCHERT
(61) Patent of Addition to Application Number	:NA	3)ROLAND SCHILLING
Filing Date	:NA	4)DR. CHRISTOPH BATZ-SOHN
(62) Divisional to Application Number	:NA	5)DR. MARTIN MORTERS
Filing Date	:NA	

No of Pages : 15

No of Claims : 18

(57) Abstract :

Aluminium oxide powder produced by flame hydrolysis and having a large surface area Aluminium oxide powder produced by flame hydrolysis and consisting of aggregates of primary particles, having a BET surface area of from 100 to 250 m²/g, a dibutyl phthalate absorption of from 50 to 450 g/100 g of aluminium oxide powder, which powder shows only crystalline primary particles in high-resolution TEM pictures. It is prepared by vaporising aluminium chloride, transferring the vapour by means of a carrier gas to a mixing chamber and, separately therefrom, supplying hydrogen, air (primary air), which may optionally be enriched with oxygen and/or may optionally be pre-heated, to the mixing chamber, then igniting the mixture of aluminium chloride vapour, hydrogen, air and in a burner and burning the flame into a reaction chamber that is separated from the surrounding air, subsequently separating the solid material from the gaseous substances and then treating the solid material with steam and optionally with air, the discharge rate of the reaction mixture from the mixing chamber into the reaction chamber being at least 10 m/s, and the lambda value being from 1 to 10 and the gamma value being from 1 to 15. It can be used as an ink-absorbing substance in ink-jet media.

(54) Title of the invention : METHOD AND DEVICE FOR NOZZLE JETTING OXYGEN INTO A SYNTHESIS REACTOR

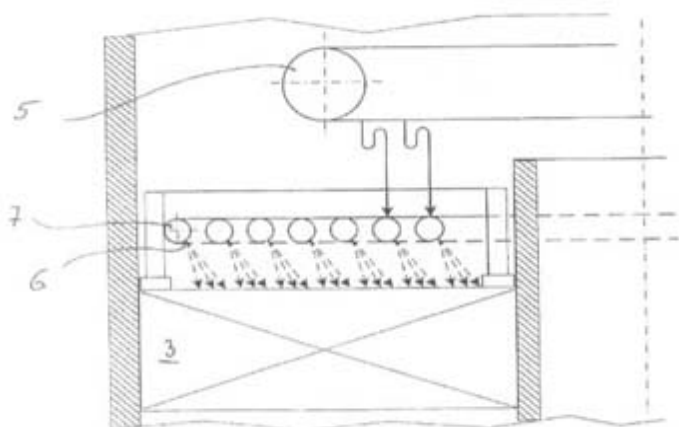
(51) International classification	:B01J 8/02	(71)Name of Applicant :
(31) Priority Document No	:10359744.1	1)UHDE GMBH
(32) Priority Date	:19/12/2003	Address of Applicant :FRIEDRICH-UHDE-STR. 15, 44141
(33) Name of priority country	:Germany	DROTMUND, Germany
(86) International Application No	:PCT/EP2004/014050	(72)Name of Inventor :
Filing Date	:10/12/2004	1)KOWOLL, JOHANNES
(87) International Publication No	:WO 2005/063373	2)HEINRITZ--ADRIAN, MAX
(61) Patent of Addition to Application Number	:NA	3)SEMRAU, LOTHAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 10

(57) Abstract :

With the help of a method and a device for nozzle-jetting oxygen into a synthesis reactor, e.g. for oxy-dehydration, with largely axial flow of the gas mixture through a catalyst bed, it is intended to vastly improve the mixing-in and mixing-through of oxygen above the catalyst especially for oxy-dehydration process. This is achieved by feeding the oxygen to a ring distributor system arranged above the catalyst bed in pure form, as air or mixed with inert gas or water vapour and jetting the oxygen onto the catalyst surface through several exit openings in the ring distributor at an inclined angle deviating from the vertical.



(54) Title of the invention : DEVICE FOR CONTINUOUSLY FILTERING MATERIAL MIXTURES

(51) International classification :B01D33/073,B29C47/68
 (31) Priority Document No :20319752.6
 (32) Priority Date :20/12/2003
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2004/011999
 Filing Date :23/10/2004
 (87) International Publication No :WO 2005/063357
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

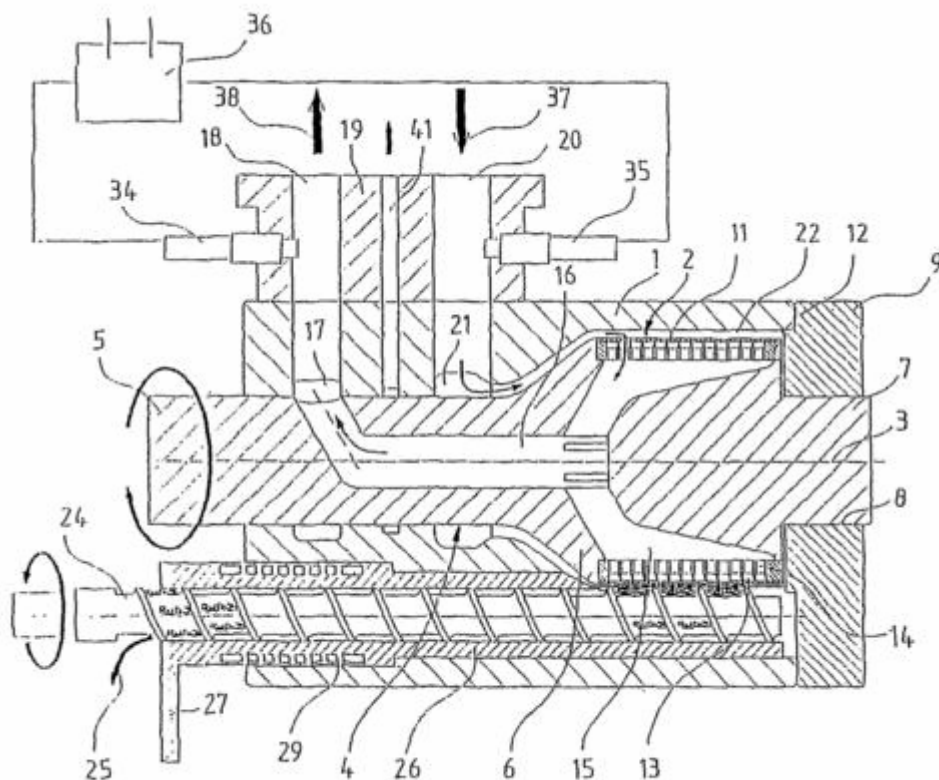
(71)**Name of Applicant :**
1)ETTLINGER KUNSTSTOFFMASCHINEN GMBH
 Address of Applicant :MESSERSCHMITTRING 49, 86343
 KONIGSBRUNN, Germany
 (72)**Name of Inventor :**
1)ETTLINGER, RODERICH

No of Pages : 9

No of Claims : 15

(57) Abstract :

The invention relates to a device which is used to continuously filter material mixtures, in particular for separating impurities from plastic melts. Said device comprises a hollow cylindrically-shaped filter element (2) which is arranged inside a housing (1), an annular chamber (22) which is defined from the outside of the filter element (2) and an inner wall of the housing, and at least one stripper (23) which can be pressed onto the filter body by means of an adjusting device, said stripper being used to remove the impurities detained on the filter element (2) due to a relative movement of the filter element (2) and the stripper (23). The adjusting device contains a pressure sensor (42, 53) which is used to detect the pressure of the material mixture upstream from the filter body and an actuator (43) which is connected to the pressure sensor, said actuator being used to adjust the pressure of the stripper (23) according to the pressure detected by the pressure sensor.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1607/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :09/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHODS AND SYSTEMS FOR DETECTING AN OCCLUSION

(51) International classification	:A61M 31/00
(31) Priority Document No	:60/533,004
(32) Priority Date	:29/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/041407
Filing Date	:28/12/2004
(87) International Publication No	:WO 2005/065146
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ANIMAS CORPORATION

Address of Applicant :200 LAWRENCE DRIVE, WEST CHESTER,
PA 19380 U.S.A.

(72)**Name of Inventor :**

1)STEVEN P. GETZ

2)IAN MAXWELL SHIPWAY

No of Pages : 20

No of Claims : 33

(57) Abstract :

Systems and methods for detecting an occlusion may include receiving a signal corresponding to a first force needed to deliver a first material through the tube. Furthermore, the systems and methods may include indicating that an occlusion exists if the first force is greater than a baseline value plus a delta value, the baseline value being assigned a value equal to the force necessary to deliver the first material through the tube in an un-occluded state and the delta value being assigned a value configured to create a desired level of sensitivity. Moreover, the systems and methods may include setting, if the first force is less than or equal to the first baseline value plus the delta value, and if a turbulence factor is less than a threshold value, the baseline value equal to a second force. The second force may be a low-pass filtered version of the first force and the turbulence factor may be a low-pass filtered version of the absolute value of the difference between the first force and the second force.

(54) Title of the invention : DEVICE AND METHOD FOR MONITORING A GAS VOLUME IN A UNIT FILLED WITH LIQUID

(51) International classification :G01F 23/32
 (31) Priority Document No :10361884.8
 (32) Priority Date :19/12/2003
 (33) Name of priority country :Germany
 (86) International Application No :PCT/DE2004/002656
 Filing Date :30/11/2004
 (87) International Publication No :WO 2005/059483
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

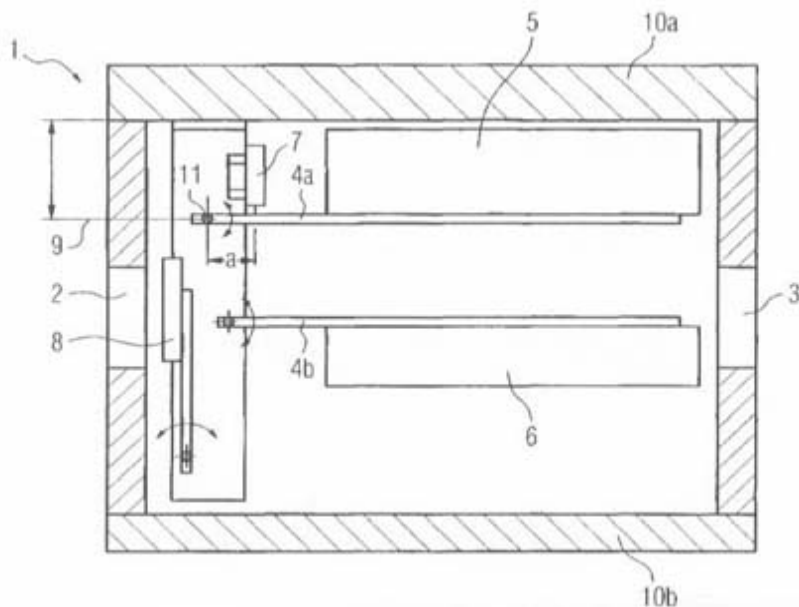
(71)Name of Applicant :
1)SIEMENS AKTIENGESELLSCHAFT
 Address of Applicant :WITTELSBACHERPLATZ 2, 80333
 MUNCHEN, GERMANY Germany
 (72)Name of Inventor :
1)BIRNER, FRIEDRICH
2)KUTXNER, RUDIGER

No of Pages : 14

No of Claims : 10

(57) Abstract :

The invention relates to a device for monitoring a gas volume in a unit filled with a liquid, whereby the unit comprises an inlet line with at least one expansion chamber and the device comprises a buoyant body, floating in the liquid. The floating buoyant body is connected to a shaft, fixed in the expansion chamber and mounted to rotate relative to the shaft. The gas volume above the liquid may be recorded rapidly and with high accuracy, by measuring the torque generated by the buoyant body, or an angle to the horizontal. The invention further relates to a method for monitoring a gas volume in a unit filled with liquid, by means of a floating buoyant body.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1609/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :09/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : CERAMICS SINTERED BODY, METHOD FOR PRODUCING CERAMICS SINTERED BODY AND EXOTHERMIC BODY FOR METAL VAPOR DEPOSITION

(51) International classification	:C04B 35/5833
(31) Priority Document No	:2003-413533
(32) Priority Date	:11/12/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/018862
Filing Date	:10/12/2004
(87) International Publication No	: WO/2005/056496
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DENKI KAGAKU KOGYO KABUSHIKI KAISHA

Address of Applicant :4-1, YURAKUCHO 1-CHOME, CHIYODAKU, TOKYO 100-8455 Japan

(72)Name of Inventor :

1)HIROSHI YOKOTA

2)FUMIO TOKUNAGA

3)KENTARO IWAMOTO

4)MASAMITU KIMURA

5)SHOUJIRO WATANABE

No of Pages : 27

No of Claims : 9

(57) Abstract :

Objects of the invention are to provide a ceramics sintered body improved in corrosion resistance to a molten metal, a method for producing a ceramics sintered body, which is applicable to the production thereof, and an exothermic body which can achieve the prolonged life. The invention relates to a ceramics sintered body comprising boron nitride, titanium diboride, a calcium compound and titanium nitride and having a relative density of 92% or more, wherein the content of the calcium compound in terms of CaO is from 0.05 to 0.8% by weight, and a peak intensity by X-ray diffraction of the (200) plane derived from titanium nitride is from 0.06 to 0.15 relative to a peak intensity of the (002) plane of BN. Further, a method for producing a ceramics sintered body, which is applicable to the ceramics sintered body, and an exothermic body for metal vapor deposition constituted by the ceramics sintered body are also disclosed.

(54) Title of the invention : QUINAZOLINONE COMPOUNDS WITH REDUCED BIOACCUMULATION

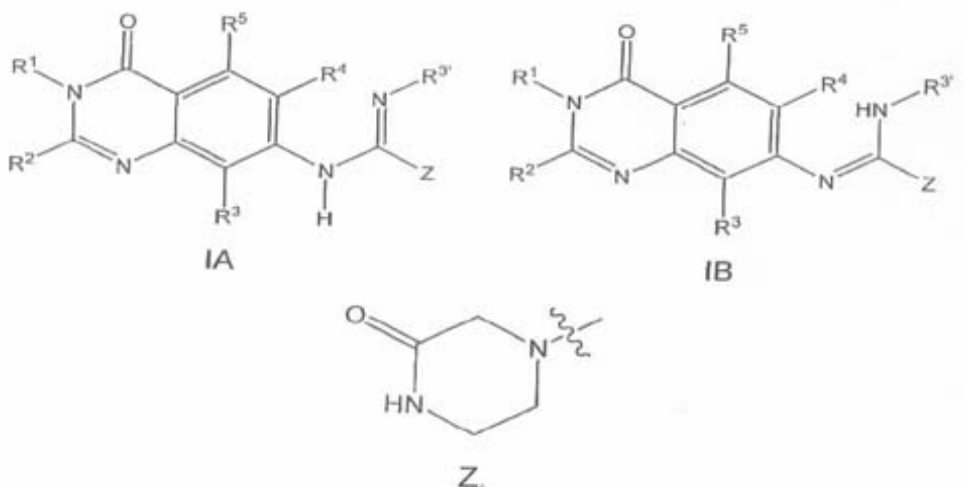
(51) International classification	:C07D 217/24	(71)Name of Applicant :
(31) Priority Document No	:60/523,336	1)CHIRON CORPORATION
(32) Priority Date	:19/11/2003	Address of Applicant :4560 HORTON STREET, EMERYVILLE, CA
(33) Name of priority country	:U.S.A.	94608-2916 USA U.S.A.
(86) International Application No	:PCT/US04/039020	2)GLAXOSMITHKLINE
Filing Date	:19/11/2004	(72)Name of Inventor :
(87) International Publication No	:WO 2005/051391	1)BOYCE, Rustum S
(61) Patent of Addition to Application Number	:NA	2)SPEAKE, Jason, D
Filing Date	:NA	3)PHILLIPS, James
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 198

No of Claims : 16

(57) Abstract :

A variety of small molecule, guanidine-containing molecules capable of acting as MC4-R agonists are provided. The compounds are useful in treating MC4-R mediated diseases when administered to subjects. The compounds have the formula IA and IB, IA and IB have the following structures where I has the formula shown below and the rest of the variables are defined herein.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1611/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :12/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : CHITOSAN AND USE THEREOF AS COLOR-FIXING AGENT IN INK JET RECORDING MATERIALS

(51) International classification	:B41M 5/52
(31) Priority Document No	:103 61 247.5
(32) Priority Date	:22/12/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/014258
Filing Date	:15/12/2004
(87) International Publication No	:WO 2005/063900
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)GELITA AG

Address of Applicant :UFERSTRASSE 7, 69412 EBERBACH
GERMANY Germany

(72)**Name of Inventor :**

1)KOHLER BERTHOLD

2)AHLERS, Michael

No of Pages : 28

No of Claims : 25

(57) Abstract :

To provide an ink jet recording material wherein, in particular, the problem of light fastness of the prints, i.e., the oxidative decomposition of the organic dyes in the inks, is eliminated, use of chitosan or a derivative thereof is proposed as color-fixing agent in a color-receiving layer of ink jet recording materials.

(54) Title of the invention : SPARK GAP COMPRISING AN OPTICALLY TRIGGERED POWER SEMICONDUCTOR COMPONENT

(51) International classification :H01T2/02 ,H02H 9/06
 (31) Priority Document No :102004002581.9
 (32) Priority Date :13/01/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/DE2005/000036
 Filing Date :10/01/2005
 (87) International Publication No :WO 2005/069459
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

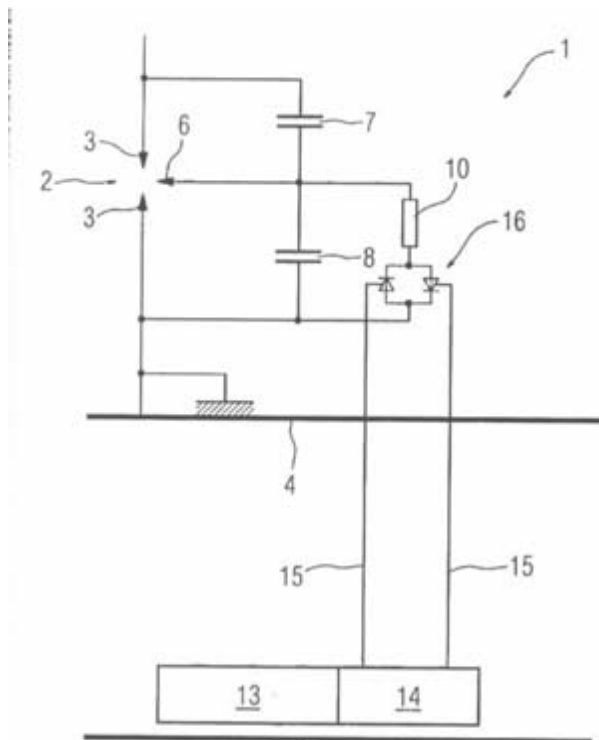
(71)Name of Applicant :
1)SIEMENS AKTIENGESELLSCHAFT
 Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MUNCHEN, Germany
 (72)Name of Inventor :
1)BREUER WILFRIED
2)MENKE PETER

No of Pages : 14

No of Claims : 6

(57) Abstract :

Disclosed is a surge protector (1) comprising a spark gap (2) that is provided with two opposite electrodes (3), a circuit (5) for triggering the spark gap (2) that is provided with two opposite electrodes (3), a circuit (5) for triggering the spark gap (2), and a light source connected to a protective device (13) on ground potential in order to generate a triggering light which can be delivered with the aid of at least one optical waveguide (15) of a receiver unit of the triggering circuit (5) being on a high voltage potential. In order to make said surge protector (1) reliable and inexpensive, the receiver unit is provided with at least one power semiconductor component (16) that can be moved, with the aid of the triggering light, from a locked position in which current conduction via the power semiconductor component (16) is interrupted into an open position in which current conduction via the power semiconductor component (16) is made possible.



ist, wird vorgeschlagen, dass die Empfangseinheit

(54) Title of the invention : DEVICE FOR SURVEYING THE PRESSURE OF FLUIDS HOUSED IN TANKS OR FLOWING THROUGH DUCTS

(51) International classification :G01L 17/00
 (31) Priority Document No :BO 2003000737
 (32) Priority Date :09/12/2003
 (33) Name of priority country :Italy
 (86) International Application No :PCT/IT2004/000669
 Filing Date :02/12/2004
 (87) International Publication No :WO 2005/057155
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

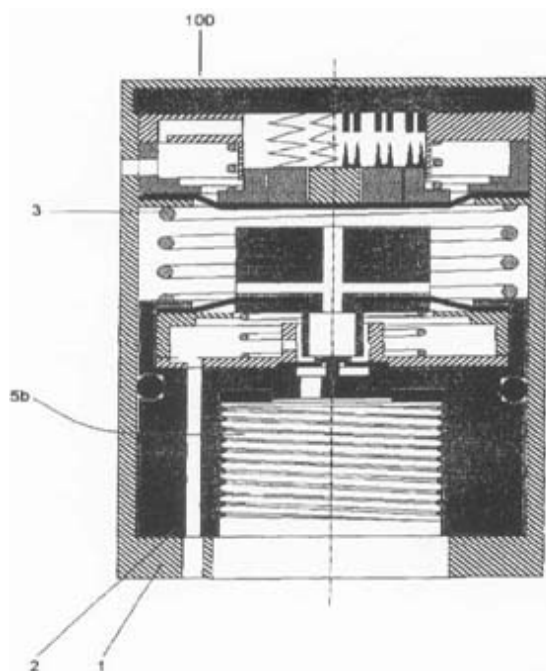
(71)Name of Applicant :
1)SISTEC S.R.L.
 Address of Applicant :VIA DON LOCATELLI 51, I-20040
 RONCELLO Italy
 (72)Name of Inventor :
1)PELLICCIARI, MARCELLO

No of Pages : 70

No of Claims : 33

(57) Abstract :

An apparatus for surveying the pressure of fluids housed in tanks or flowing through ducts comprises a device (100), an envelope (1) with axial symmetry which forms the external covering of the device (100), said envelope (1) being kept in distal position with respect to a connecting body (2) by a counter spring (3); the envelope (1) axially slides with respect to the body (2) to allow the commutation of the apparatus (100) from a non-active to an active condition; the commutation of the device (100) is due to an external force (F).



(54) Title of the invention : SURFACTANT-BASED GEL AND AN INJECTABLE, SUSTAINED DRUG DELIVERY VEHICLE

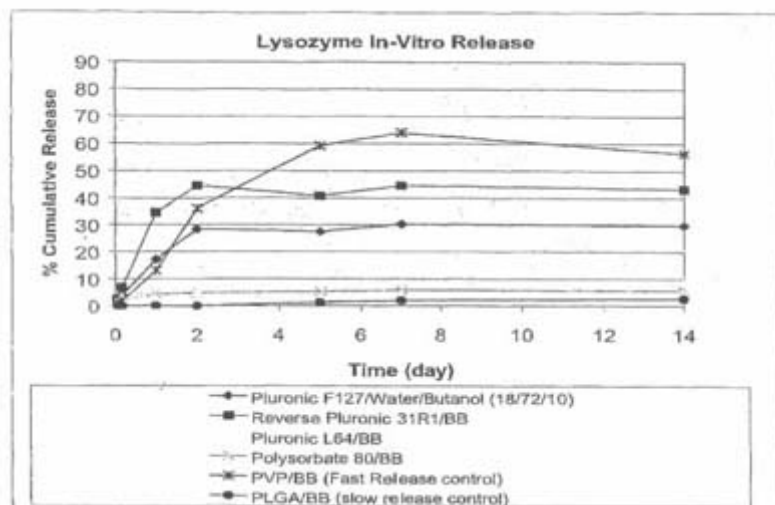
(51) International classification	:A16K	(71)Name of Applicant :
(31) Priority Document No	:60/519,989	1)ALZA CORPORATION
(32) Priority Date	:14/11/2003	Address of Applicant :1900 CHARLESTON ROAD P.O.BOX 7210
(33) Name of priority country	:U.S.A.	MOUNTAIN VIEW CA 94039-7210 U.S.A.
(86) International Application No	:PCT/US04/037782	(72)Name of Inventor :
Filing Date	:12/11/2004	1)LUK, ANDREW SHEUNG-KING
(87) International Publication No	:WO 2005/048930	2)LAM, STAN
(61) Patent of Addition to Application Number	:NA	3)ZHANG, YUANPENG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 23

(57) Abstract :

The present invention provides methods and compositions for the sustained delivery of beneficial agents. In certain embodiments, the invention provides compositions comprising a surfactant, a solvent, and a beneficial agent, wherein upon exposure to a hydrophilic environment, the surfactant and solvent form a viscous gel and the beneficial agents is dispersed or dissolved in the gel. In other embodiments, the invention provides compositions comprising a surfactant, a solvent, a hydrophilic media, and a beneficial agent, wherein the surfactant solvent, and hydrophilic media form a viscous gel and the beneficial agent is dispersed or dissolved in the gel.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1615/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :12/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : EXCIPIENTS IN DRUG DELIVERY VEHICLES

(51) International classification	:A61K 9/14
(31) Priority Document No	:60/519,972
(32) Priority Date	:14/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/037606
Filing Date	:12/11/2004
(87) International Publication No	:WO 2005/048989
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ALZA CORPORATION
Address of Applicant :1900 CHARLESTON ROAD, P.O.BOX 7210,
MOUNTAIN VIEW, CA 94039-7210 U.S.A.
(72)**Name of Inventor :**
1)CHEN, GUOHUA
2)PRIEBE, DAVID, T.

No of Pages : 41

No of Claims : 66

(57) Abstract :

Injectable depot gel compositions and kits that provide an excipient for modulating a release rate and stabilizing beneficial agents are provided. Methods of administering and preparing such systems are also provided. The gel compositions comprise biodegradable, bioerodible polymers and water-immiscible solvents in amounts effective to plasticize the polymers and form gels with the polymers. Suitable excipients include pH modifiers, reducing agents, and antioxidants.

(54) Title of the invention : EXCIPIENTS IN DURG DELIVERY VEHICLES

(51) International classification :A61K 38/27,47/30
 (31) Priority Document No :60/519,936
 (32) Priority Date :14/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/037781
 Filing Date :12/11/2004
 (87) International Publication No :WO 2005/049069
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

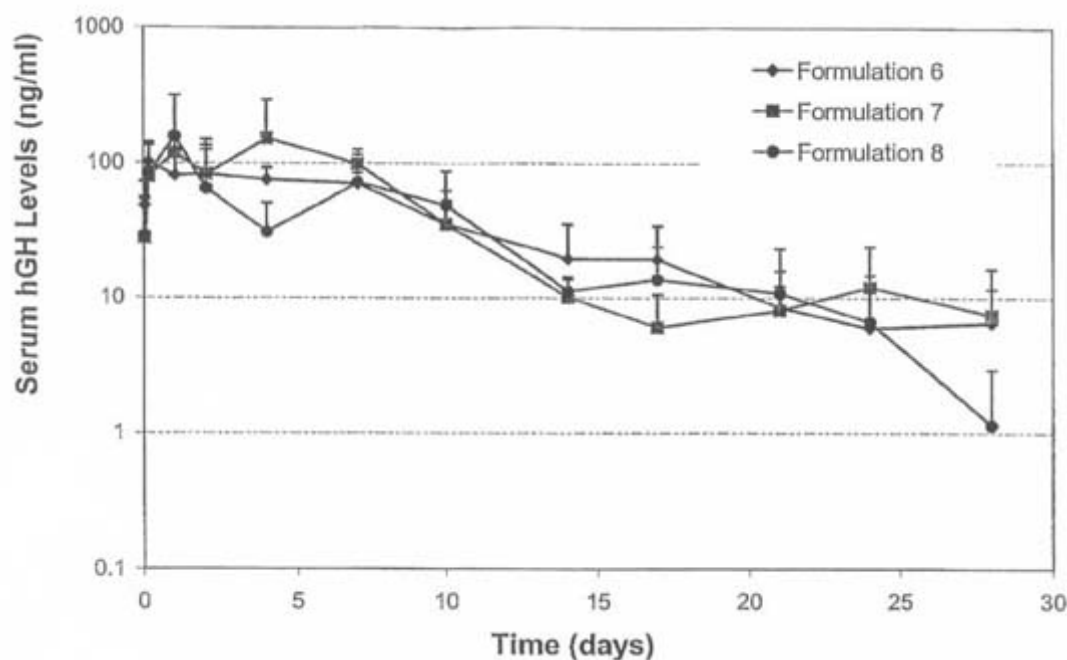
(71)**Name of Applicant :**
1)ALZA CORPORATION
 Address of Applicant :1900 CHARLESTON ROAD, P.O.BOX 7210
 MOUNTAIN VIEW, CA 94039-7210 U.S.A.
 (72)**Name of Inventor :**
1)CHEN, GUOHUA

No of Pages : 41

No of Claims : 67

(57) Abstract :

Injectable depot gel compositions and kits that provide an excipient for modulating a release rate and stabilizing beneficial agents are provided. Methods of administering and preparing such systems are also provided. The gel compositions comprise biodegradable, bioerodible polymers and water-immiscible solvents in amounts effective to plasticize the polymers and form gels with the polymers. Suitable excipients include pH modifiers, reducing agents, and antioxidants.



(54) Title of the invention : METHODS AND SYSTEMS FOR HANDLING WORKPIECES IN A VACUUM-BASED SEMICONDUCTOR HANDLING SYSTEM

(51) International classification :B25J 18/02
 (31) Priority Document No :60/518,823
 (32) Priority Date :10/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/037672
 Filing Date :10/11/2004
 (87) International Publication No :WO 2005/048313
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

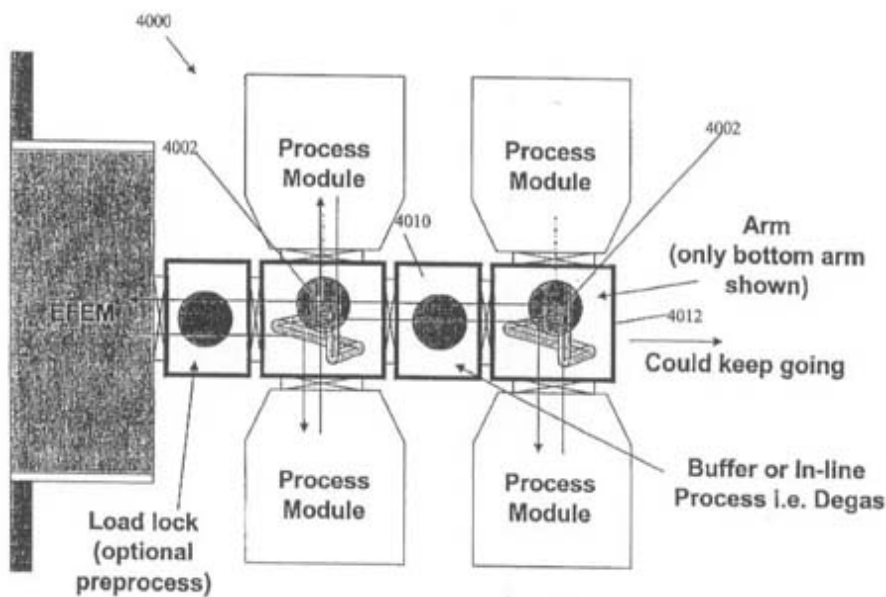
(71)Name of Applicant :
1)BLUESHIFT TECHNOLOGIES, INC.
 Address of Applicant :3 RIVERSIDE DRIVE, ANDOVER, MA 01810
 U.S.A.
 (72)Name of Inventor :
1)VAN DER MEULEN, PETER

No of Pages : 143

No of Claims : 162

(57) Abstract :

Methods and systems are provided for handling materials in a vacuum-based semiconductor handling system, including methods and systems for handling materials from arm to arm in order to traverse a linear handling system.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1618/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :12/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD AND COMPOSITION FOR TREATMENT OR PROPHYLAXIS OF AMYLOIDOSIS DISORDERS

(51) International classification	:A61K 31/47
(31) Priority Document No	:60/523,139
(32) Priority Date	:19/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2004/001610
Filing Date	:19/11/2004
(87) International Publication No	:WO 2005/049026
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ACRUX DDS PTY LTD.
Address of Applicant :103-113 STANLEY STREET, WEST
MELBOURNE, VICTORIA 3003 Australia
(72)**Name of Inventor :**
1)MORGAN TIMOTHY MATTHIAS
2)WILKINS NINA FRANCES

No of Pages : 28

No of Claims : 52

(57) Abstract :

A method of treatment or prophylaxis of amyloidosis disorders in a patient the method comprising topically applying to an area of skin of the patient a composition comprising: one or more zinc chelators; and one or more dermal penetration enhancers.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1619/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :12/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD AND COMPOSITION FOR TREATMENT OF CUTANEOUS LESIONS

(51) International classification	:A61K 31/47
(31) Priority Document No	:60/523,138
(32) Priority Date	:19/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2004/001609
Filing Date	:19/11/2004
(87) International Publication No	:WO 2005/049025
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ACRUX DDS PTY LTD.
Address of Applicant :103-113 STRALIAN STREET, WEST
MELBOURNE, VICTORIA 3003 Australia

(72)**Name of Inventor :**
1)GONDA IGOR
2)MORGAN TIMOTHY MATTHIAS
3)WILKINS NINA FRANCES

No of Pages : 16

No of Claims : 40

(57) Abstract :

A method of treatment or prophylaxis of a cutaneous lesion in an animal the method comprising topically applying to an area of skin of the animal a composition comprising: one or more metal chelators; one or more transforming growth factor modulators; and one or more dermal penetration enhancers.

(54) Title of the invention : METHOD AND SYSTEM FOR RAPID TRANSDERMAL ADMINISTRATION

(51) International classification :A61M 37/00
 (31) Priority Document No :2003906631
 (32) Priority Date :28/11/2003
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2004/001666
 Filing Date :26/11/2004
 (87) International Publication No :WO 2005/051476
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

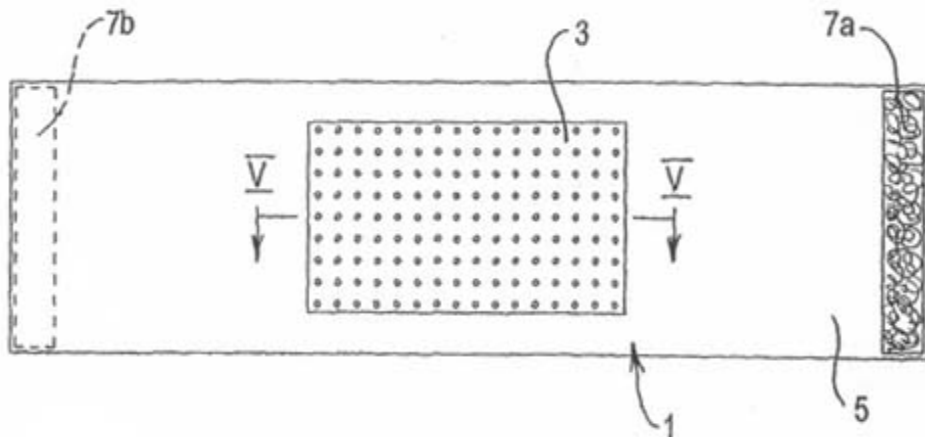
(71)**Name of Applicant :**
1)ACRUX DDS PTY LTD.
 Address of Applicant :103-113 STANLEY STREET, WEST
 MELBOURNE, VICTORIA 3003 Australia
 (72)**Name of Inventor :**
1)FINNIN BARRIE CHARLES
2)MORGAN TIMOTHY MATTHIAS
3)WILKINS NINA FRANCES
4)CHEW NORA YAT KNORK
5)GONDA IGOR

No of Pages : 29

No of Claims : 19

(57) Abstract :

Invention relates to a method for transdermal delivery of a topically applied physiologically active agent comprising: providing a micro-projection apparatus comprising an array of microprojections (3) extending from a substrate; applying the array of micro-projections to an area of skin to form an array of microscopic holes therein; and contacting the area of skin with a transdermal composition comprising a physiologically active agent and at least one penetration enhancer wherein the formation of the microscopic holes and penetration enhancer facilitate transdermal delivery of the physiologically active agent.



(54) Title of the invention : MEDICAL IMPLANTS AND FIBROSIS-INDUCING AGENTS

(51) International classification :A61F 2/02
 (31) Priority Document No :60/518,785
 (32) Priority Date :10/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/037336
 Filing Date :10/11/2004
 (87) International Publication No :WO 2005/065079
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

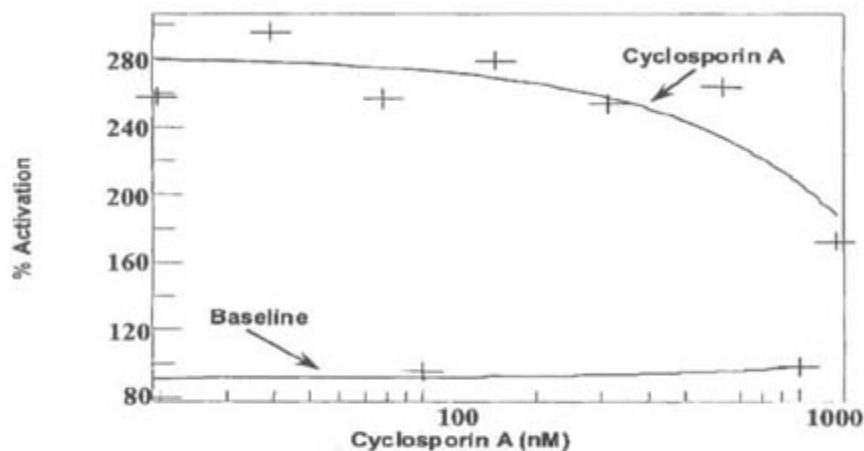
(71)Name of Applicant :
1)ANGIOTECH INTERNATIONAL AG
 Address of Applicant :BUNDESPLATZ 1, CH-6304 ZUG Switzerland
 (72)Name of Inventor :
1)HUNTER, WILLIAM, L
2)GRAVETT, DAVID, M
3)TOLEIKIS, PHILIP, M
4)MAITI, ARPITA
5)SIGNORE, PIERRE, E
6)LIGGINS, RICHARD, T
7)GUAN, DECHI

No of Pages : 1145

No of Claims : 83

(57) Abstract :

Implants are used in combination with a fibrosis-inducing agent in order to induce fibrosis that may otherwise not occur when the implant is placed within an animal or increase fibrosis between the implant and the host tissue.



Cyclosporin A activates proliferation of human smooth muscle cells.

(54) Title of the invention : MEDICAL IMPLANTS AND ANTI-SCARRING AGENTS

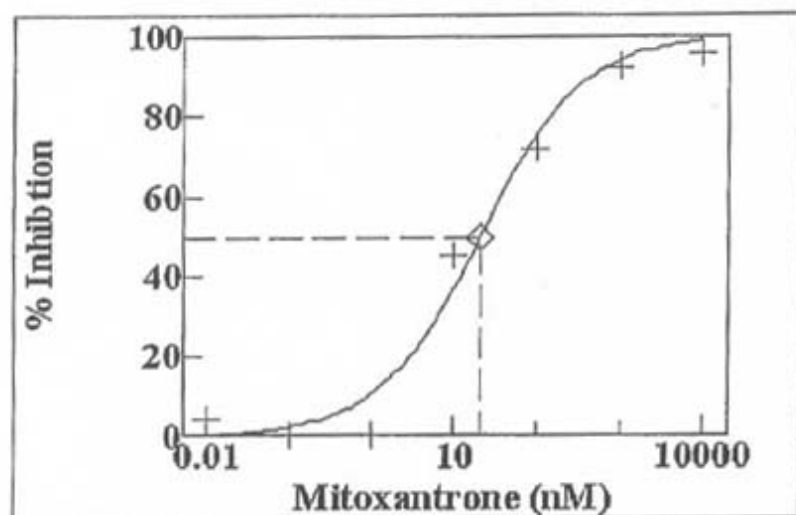
(51) International classification	:A61F 2/02,A61B 17/11	(71)Name of Applicant :
(31) Priority Document No	:60/518,785	1)ANGIOTECH INTERNATIONAL AG
(32) Priority Date	:10/11/2003	Address of Applicant :BUNDESPLATZ 1, CH-6304 ZUG Switzerland
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2004/037930	1)HUNTER, WILLIAM, L
Filing Date	:10/11/2004	2)GRAVETT, DAVID, M
(87) International Publication No	:WO 2005/046516	3)TOLEIKIS, PHILIP, M
(61) Patent of Addition to Application Number	:NA	4)MAITI, ARPITA
Filing Date	:NA	5)SIGNORE, PIERRE, E
(62) Divisional to Application Number	:NA	6)LIGGINS, RICHARD, T
Filing Date	:NA	

No of Pages : 1789

No of Claims : 85

(57) Abstract :

Implants are used in combination with an anti-scarring agent in order to inhibit scarring that may otherwise occur when the implant is placed within an animal. The agent may be any suitable anti-scarring agent, e.g., a cell cycle inhibitor, and may be used in conjunction with a second pharmaceutical agent, e.g., an antibiotic. Suitable implants include intravascular implants, a vascular graft or wrap implant, an implant for hemodialysis access, an implant that provides an anastomotic connection, ventricular assist implant, a prosthetic heart valve implant, an inferior vena cava filter implant, a peritoneal dialysis catheter implant, a central nervous system shunt, an intraocular lens, an implant for glaucoma drainage, a penile implant, an endotracheal tube, a tracheostomy tube, a gastrointestinal device, and a spinal implant.



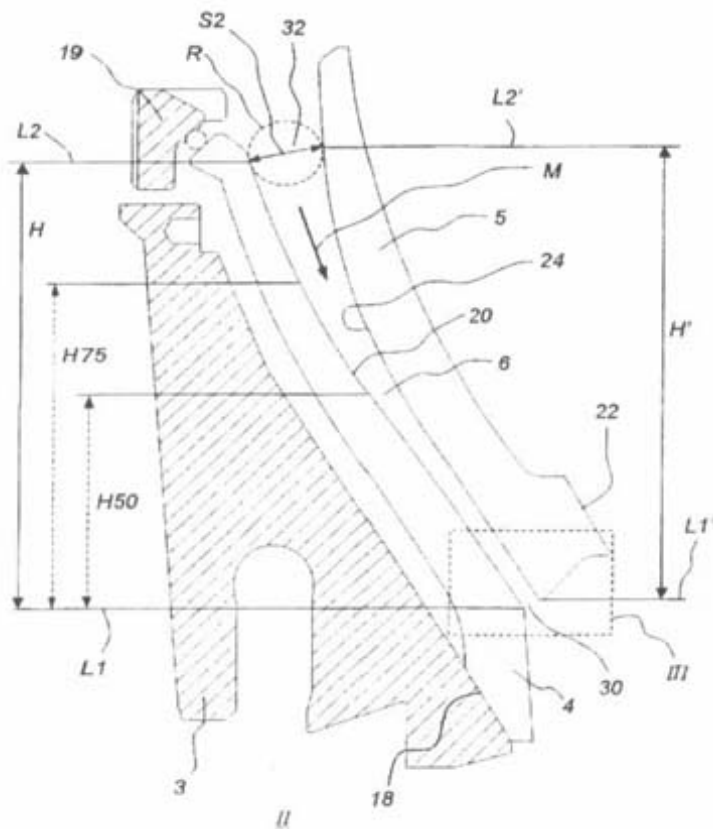
(51) International classification	:B02C 2/00,B02C 2/04	(71)Name of Applicant :
(31) Priority Document No	:0302974-1	1)SANDVIK INTELLECTUAL PROPERTY AB
(32) Priority Date	:12/11/2003	Address of Applicant :S-811 81 SANDVIKEN, Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2004/001581	1)EVERTSSON, MAGNUS
Filing Date	:02/11/2004	
(87) International Publication No	:WO 2005/046873	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 12

(57) Abstract :

A shell (4, 5) for use in a gyratory crusher has a support surface (18), which is intended to abut against a shell-carrying member (3), and a first crushing surface (20), which is intended to be brought into contact with a material supplied at the upper portion of the crusher, and to crush said material against a corresponding second crushing surface (24) on a second shell (5) complementary with the shell (4). Over at least 50% of the vertical height (H) thereof, from an outlet (30) and upward along the first crushing surface (20) the first crushing surface (20) has been machined to a run-out tolerance, which on each level along the machined part of the vertical height (H) of the first crushing surface (20) is maximum one thousandth of the largest diameter of the crushing surface, however maximum 0,5 mm. In a method of producing a shell, the shell is manufacture with a machining allowance and is then machined to desired run-out tolerance.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1624/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : GLYCOPEGYLATED GRANULOCYTE COLONY STIMULATING FACTOR

(51) International classification	:A61K38/19; C07K14/535; A61K38/19	(71) Name of Applicant : 1)NEOSE TECHNOLOGIE, INC. Address of Applicant :102 WITMER ROAD, HORSMAN, PA 19044 U.S.A.
(31) Priority Document No	:60/526,796	(72) Name of Inventor :
(32) Priority Date	:03/12/2003	1)SHAWN DEFREES
(33) Name of priority country	:U.S.A.	2)HENRIK CLAUSEN
(86) International Application No	:PCT/US2004/041004	3)DAVID, A. ZOPF
Filing Date	:03/12/2004	4)CARYN, BOWE
(87) International Publication No	:WO 2005/055946	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 118

No of Claims : 26

(57) Abstract :

The present invention provides conjugates between Granulocyte Colony Stimulating Factor and PEG moieties. The conjugates are linked via an intact glycosyl linking group that is interposed between and covalently attached to the peptide and the modifying group. The conjugates are formed from both glycosylated and unglycosylated peptides by the action of a glycosyltransferase. The glycosyltransferase ligates a modified sugar moiety onto either an amino acid or glycosyl residue on the peptide. Also provided are pharmaceutical formulations including the conjugates. Methods for preparing the conjugates are also within the scope of the invention.

(54) Title of the invention : SYSTEM AND METHOD FOR COMBINING DATA STREAMS IN PIPELINED STORAGE OPERATIONS IN A STORAGE NETWORK

(51) International classification :G06F; G06F
 (31) Priority Document No :60/519,526
 (32) Priority Date :13/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US04/038280
 Filing Date :15/11/2004
 (87) International Publication No :WO/2005/050383
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)COMMVAULT SYSTEMS, INC.

Address of Applicant :Two Crescent Place Oceanport, NJ 07757-0090
 U.S.A.

(72)Name of Inventor :

1)VIJAYAN RETNAMMA, MANOJ KUMAR

2)AMARENDRAN, ARUN PRASAD

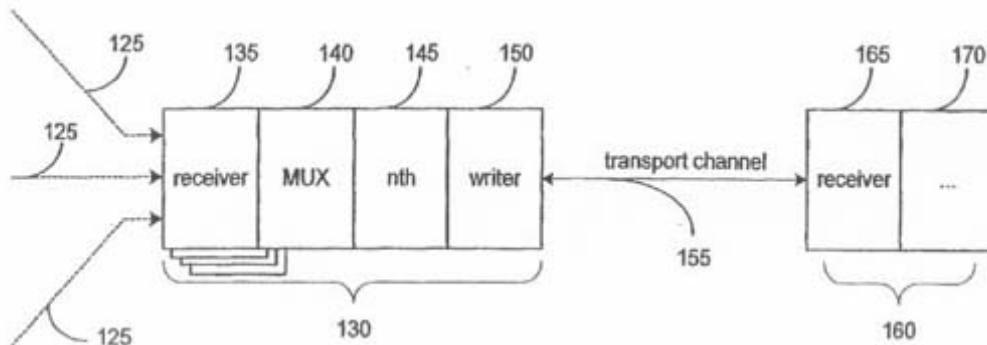
3)KOTTOMTHARAYIL, RAJIV

No of Pages : 39

No of Claims : 20

(57) Abstract :

Described herein are systems and methods for multiplexing pipelined data for backup operations. Various data streams are combined such as by multiplexing by a multiplexing module. The multiplexing module combines the data from the various data streams received by receiver module(s) into a single stream of chunks. The multiplexing module may combine data from multiple archive files into a single chunk. Additional modules perform other operations on the chunks of data to be transported such as encryption, compression, etc. The data chunks are transmitted via a transport channel to a receive pipeline that includes a second receiver module and other modules. The data chunks are then stored in a backup medium. The chunks are later retrieved and separated such as by demultiplexing for restoring to a client or for further storage as auxiliary copies of the separated data streams or archive files.



(54) Title of the invention : OPTICALLY IGNITED SPARK GAP

(51) International classification :H01T 1/20,H01T 2/00
 (31) Priority Document No :102004002582.7
 (32) Priority Date :13/01/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/DE2005/000048
 Filing Date :12/01/2005
 (87) International Publication No :WO 2005/069458
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

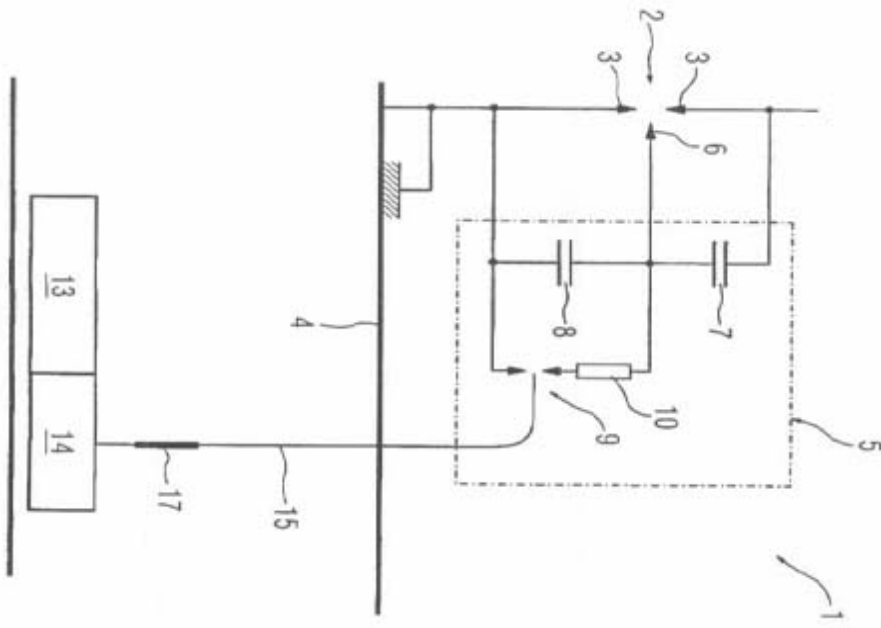
(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
 Address of Applicant :WITTELSBACHERPLATZ 2, 80333
 MUNCHEN Germany
 (72)**Name of Inventor :**
1)MENKE, PETER

No of Pages : 15

No of Claims : 7

(57) Abstract :

The invention relates to an over voltage protector (1) comprising a spark gap (2) with opposing electrodes (3) and a light source for generating an ignition light in accordance with the trigger signals of a control unit, said ignition light being configured to directly ignite the spark gap (2). The aim of the invention, is to facilitate a reliable ignition of the spark gap. To achieve this, the over voltage protector is equipped with an optical fibre (15) for conducting the ignition light to the spark gap (2).



(54) Title of the invention : LEVEL SENSOR COMPRISING A FLOAT FOR DETERMINING A FUEL LEVEL IN A FUEL TANK, AND KIT FOR SUCH A LEVEL SENSOR

(51) International classification :B60K15/06;
G01F23/32
(31) Priority Document No :102004002461.8
(32) Priority Date :16/01/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP04/053583
Filing Date :17/12/2004
(87) International Publication No :WO 2005/068946
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

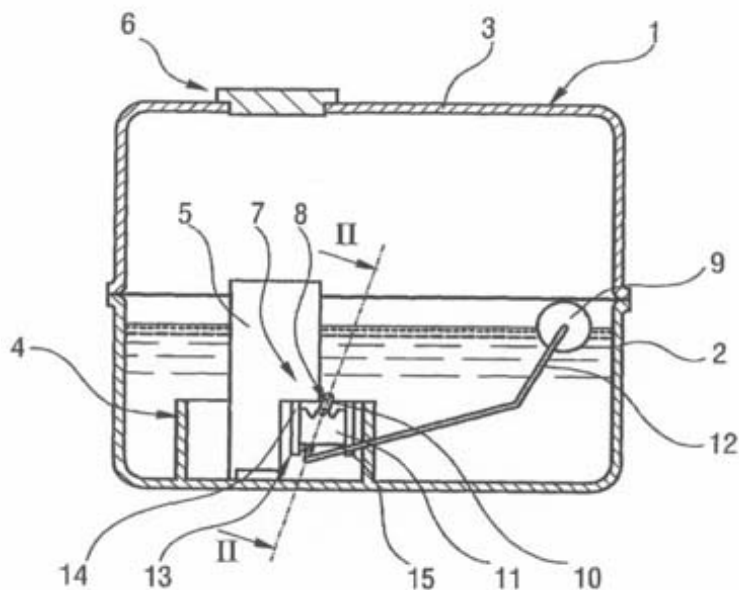
(71)Name of Applicant :
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN Germany
(72)Name of Inventor :
1)BENNER, HANS-GUENTER,
2)PAUER, BERND
3)PETER, ROBERT,

No of Pages : 15

No of Claims : 12

(57) Abstract :

Disclosed is a level sensor (7) for a fuel tank (1), comprising a holding part (11) that can be mounted in different positions on a support (13). Said support (13) is fastened to a swirl pot (4) while the holding part (11) bears a lever arm (8) that supports a float (9). The inventive level sensor (7) can be adjusted to different fuel tank dimensions by mounting said level sensor (7) differently on the support (13).



(54) Title of the invention : METHOD FOR BILLING FOR A DATA TRANSMISSION BY SELECTING ACCOUNTS

(51) International classification :H04M15/00
 (31) Priority Document No :04090015.1
 (32) Priority Date :16/01/2004
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP04/012241
 Filing Date :26/10/2004
 (87) International Publication No :WO 2005/069598
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

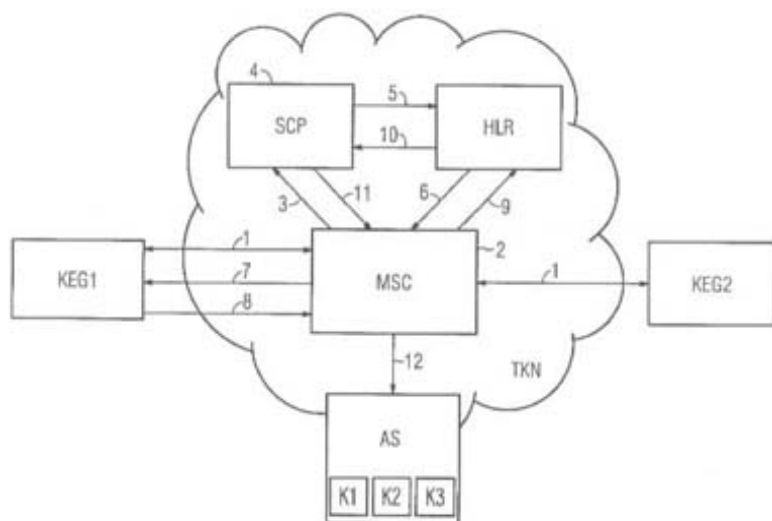
(71)Name of Applicant :
1)SIEMENS AKTIENGESELLSCHAFT
 Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MUNCHEN Germany
 (72)Name of Inventor :
1)GERBER, HEIKO

No of Pages : 21

No of Claims : 11

(57) Abstract :

The invention relates to a method for billing a data transmission (1, 31, 61) in a telecommunications network (TKN) by using at least two billing accounts (K1, K2, K3) that can be accessed by a selection message of a communications terminal (KEG1). During the method, the data transmission (1, 31, 61) directed to the communications terminal (KEG1) of a communications subscriber or originating from the communications terminal (KEG1) is initiated. After the data transmission has begun, the selection message (8, 37a, 67) of the communications terminal (KEG1) is received by a network element (MSC, SGSN) of the telecommunications network, the selection message containing an identifier of the billing account (K1) to be used for billing the data transmission. The data transmission is then billed via this billing account (K1).



(54) Title of the invention : POLYMER COMPOSITE FIBROUS COATING ON DIPPED RUBBER ARTICLES AND METHOD

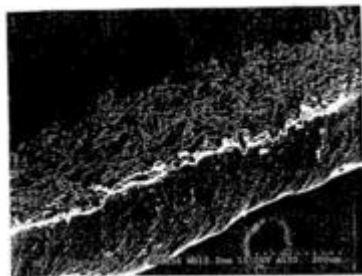
(51) International classification	:B32B 25/02 (2006.01)	(71)Name of Applicant :
(31) Priority Document No	:107741,413	1)ANSEL HEALTHCARE PRODUCTS LLC,
(32) Priority Date	:19/12/2003	Address of Applicant :200 SCHULZ DRIVE, RED BANK NJ 07701
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US04/010499	(72)Name of Inventor :
Filing Date	:19/12/2003	1)HASSAN, Noorman Bin Abu
(87) International Publication No	:WO 2005/068186	2)LUCAS, David Mark
(61) Patent of Addition to Application Number	:NA	3)MUSTAFA, Nuzaimah Binti
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 37

(57) Abstract :

The present invention provides a method an elastomeric article including preparing a non-woven fibrous polymer composition for dip-coating onto a layer of carboxylated acrylonitrile-butadiene elastomeric surface and in particular making industrial or household gloves. By dipping a former into a salt-based coagulant, followed by dipping into an elastomeric dispersion, and finally dipping into a polymer composite fibrous coating, a useful elastomeric article is prepared. The invention also provides an elastomeric article having a first layer, the first layer comprising a natural or synthetic polymer; and a second layer bonded to the first layer, the second layer comprising a polymer composite fibrous coating. The polymer composite fibrous coating includes at least one elastomer or elastomer blend, a fiber or fiber blend, a surfactant, and a micronised wax. The coating can be foamed, and provides improved sweat management and non-shedding properties to a user.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1630/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : IMMOBILIZED N-SUBSTITUTED TRICYCLIC 3-AMINOPYRAZOLES FOR THE IDENTIFICATION OF BIOMOLECULAR TARGETS

(51) International classification :C07D 231/56
(31) Priority Document No :60/519,875
(32) Priority Date :13/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/03764
Filing Date :10/11/2004
(87) International Publication No :WO
2005/049579
(61) 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 N.V.
Address of Applicant :TURNHOUTSEWEG 30, B-2340 BEERSE,
Belgium
(72)**Name of Inventor :**
1)CHIH Y. HO
2)STANLEY M. BELKOWSKI
3)RICHARD WILLIAM CONNORS PH.D.
4)ROBERT A. GALEMMO, JR.
5)DANA L. JOHNSON
6)JAY M. MEI

No of Pages : 197

No of Claims : 39

(57) Abstract :

The present invention relates to immobilized N-substituted tricyclic 3-aminopyrazole compounds of Formula 1 as tools for the identification of biomolecular targets in cells of therapeutic significance, profiling the selectivity of compounds, prediction of possible related toxicities and exploration of mechanisms of action in biological systems for therapeutic indications related to compounds. These agents can be used to identify biomolecules with the potential to interact with the immobilized reagent. The identified biomolecule may be then be used as a therapeutic target, serve as a marker of drug action, or alternatively describe an untoward or toxic potential of the immobilized agent.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1631/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : A SYNTHETIC METHODOLOGY FOR THE REDUCTIVE ALKYLATION AT THE C-3 POSITION OF INDOLES

(51) International classification	:C07D 209/18
(31) Priority Document No	:60/529,797
(32) Priority Date	:16/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/041989
Filing Date	:15/12/2004
(87) International Publication No	:WO 2005/058820
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)WYETH

Address of Applicant :FIVE GIRALDA FARMS, MADISON, NJ
07940-0874 U.S.A.

(72)**Name of Inventor :**

1)MICHALAK RONALD S

2)RAVEENDRANATH PANOLIL

No of Pages : 24

No of Claims : 23

(57) Abstract :

A process for the reductive alkylation at the C-3 position of an indole compound in which the indole is treated with an aldehyde in the presence of a Lewis acid and a silicon hydride reducing agent. The process is useful for alkylating the C-3 position of indoles that contain acid-sensitive substituents at the N-1 position.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1632/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : TRANSMITTING AND RECEIVING CONTROL PROTOCOL DATA UNIT HAVING PROCESSING TIME INFORMATION

(51) International classification :H04B 7/26
(31) Priority Document No :10-2004-043754
(32) Priority Date :14/06/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/001785
Filing Date :13/06/2005
(87) International Publication No :WO 2005/122441
(61) 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 ELECTORNICS INC.
Address of Applicant :20, YODIO-DONG, YONGDUNGPO-GU,
SEOUL 150-010 Republic of Korea
(72)Name of Inventor :
1)CHUN, SUNG-DUCK
2)YI, SEUNG-JUNE
3)LEE, YOUNG-DAE

No of Pages : 28

No of Claims : 46

(57) Abstract :

The present invention relates to transmitting and receiving control protocol data. A transmitter transmits a control protocol data unit having processing time information, wherein the processing time information indicates to a receiver of when to process the control protocol data unit. Accordingly, the receiver processes the control protocol data unit according to the processing time information.

D/C	Sequence Number		Oct 1
Sequence Number		PDU Type	Oct 2
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SUF _I _k			
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(54) Title of the invention : REPAIRING ERRORS IN DATA OF MBMS SERVICE

(51) International classification :H04L 1/18
 (31) Priority Document No :10-2004-0001724
 (32) Priority Date :09/01/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/000062
 Filing Date :08/01/2005
 (87) International Publication No :WO 2005/067194
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

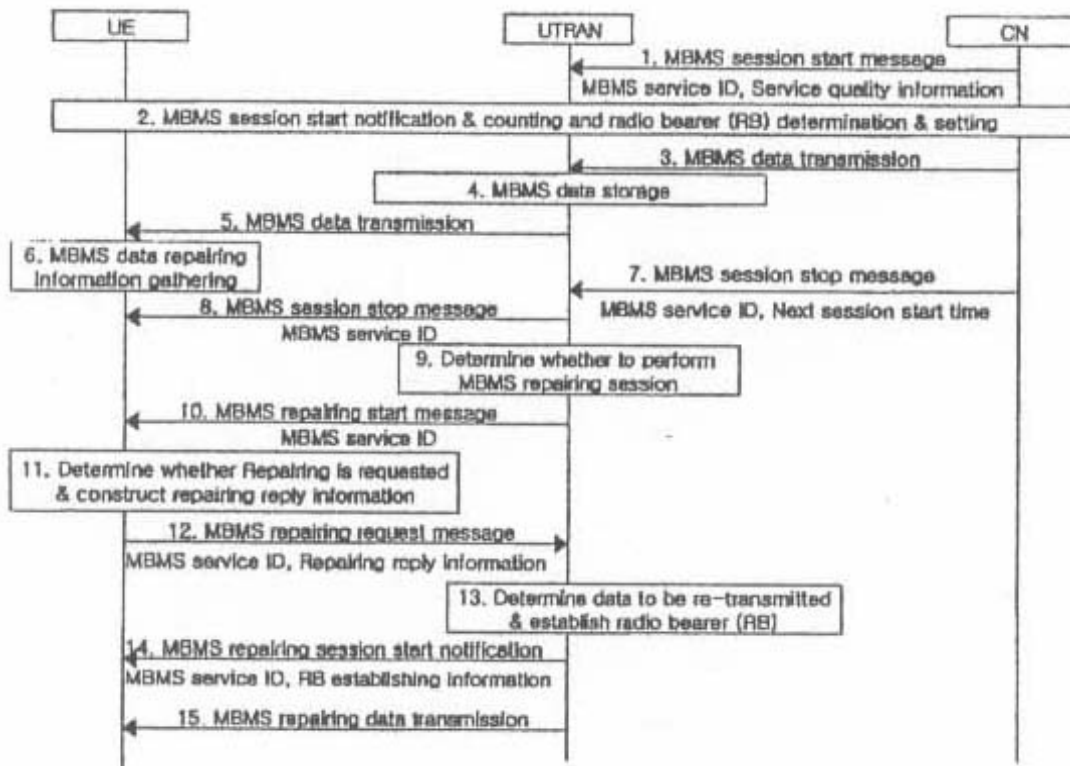
(71)**Name of Applicant :**
1)LG ELECTORNICS INC.
 Address of Applicant :20, YOIDO-DONG, YONGDUNGPO-GU,
 SEOUL 150-010 Republic of Korea
 (72)**Name of Inventor :**
1)LEE, YOUNG-DAE
2)YI, SEUNG-JUNE
3)CHUN, SUNG-DUCK

No of Pages : 24

No of Claims : 44

(57) Abstract :

In order to guarantee service quality for a terminal for a particular point-to-multipoint service, a broadcast or multicast radio terminal system is characterized in that after the corresponding session is complete, information regarding the data that the terminal did not properly receive is informed to the UTRAN, and then the corresponding data is received upon retransmission from the UTRAN.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1634/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : TROLLEY AND PARKING SYSTEM USING THE SAME

(51) International classification	:E04H 6/18
(31) Priority Document No	:200310121827.X
(32) Priority Date	:19/12/2003
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2004/001428
Filing Date	:08/12/2004
(87) International Publication No	:WO 2005/059276
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CHINA INTERNATIONAL MARINE
CONTAINERS(GROUP)CO.LTD.
Address of Applicant :CIMC R&D CENTER, NO.2 GANGWAN
AVENUE, SHENZHEN, GUANGDONG 518067, (POC) China
(72)**Name of Inventor :**
1)XIANG WEI
2)HAN JUNMING
3)TAN LI
4)BAO KUN

No of Pages : 29

No of Claims : 50

(57) Abstract :

The present invention relates to a trolley and parking system using the same for transporting cars and the like. The present trolley includes a main body, capable of moving; and a clamping means, having at least a first and a second moving plates and at least a pair of clamping claws. The present parking system includes a loading table, a differential table moving relative to the loading table, a trolley moving relative to the differential table, a longitudinal driving device, a power tube line transmission mechanism, and a power valve station and an electric control system thereof. The trolley of the present invention is simple in structure, easy to realize flexible and automatic positioning, capable of clamping and lifting cars or car chassis of different wheelbase, and capable of realizing bidirectional transporting and depositing or retrieving cars.

(54) Title of the invention : METHOD AND PLANT FOR PREARRANGING POWDERS FOR FORMING CERAMIC TILES OR SLABS

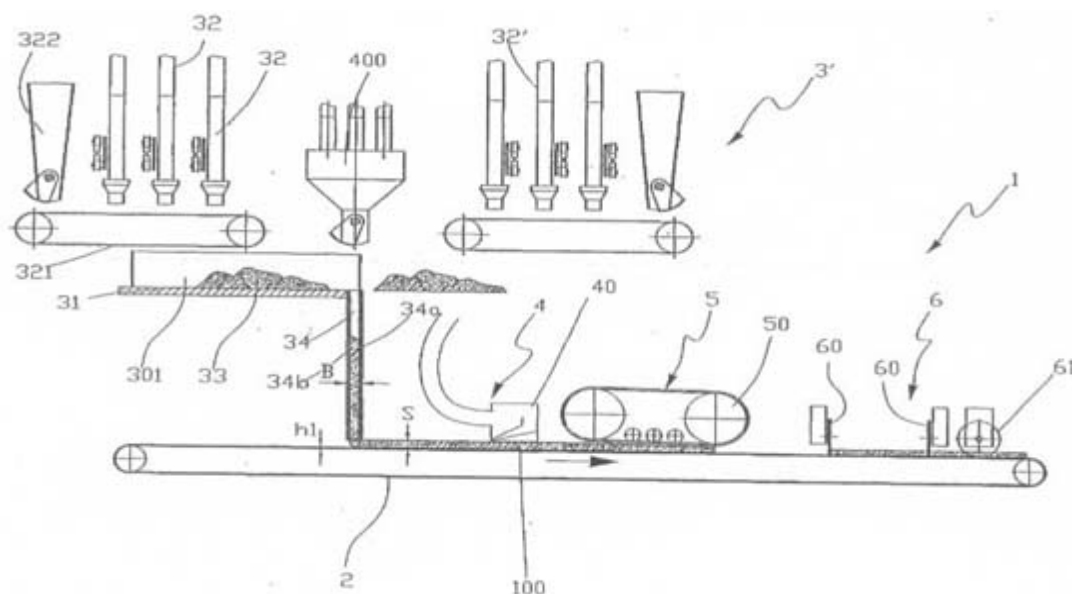
(51) International classification	:B28B 13/02,B28B 3/12	(71)Name of Applicant :
(31) Priority Document No	:RE2004A000001	1)SACMI-COOPERATIVA MECCANICI IMOLA SOCITA' COOPERATIVA
(32) Priority Date	:08/01/2004	Address of Applicant :17/A VIA SELICE PROVINCIALE, I-40026 IMOLA, Italy
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No	:PCT/IB2005/000025	1)SCARDOVI, STEFANO
Filing Date	:03/01/2005	2)VALLI, SILVANO
(87) International Publication No	:WO 2005/068146	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 36

No of Claims : 33

(57) Abstract :

A plant (1) for prearranging powders (33) for forming ceramic tiles or slabs, comprising means (3) for feeding the powders (33), a hopper (34), and a movable fall-on surface (2, 200, 250) positioned below the hopper (34), to receive the powders (33) discharged from the hopper (34.) and advance them along an advancement direction, said hopper (34) is presenting a prismatic shape having a front face (43a) and a rear face (34b) which lie opposite each other transverse to the advancement direction of the fall-on surface (2, 200, 250), the distance (B) between said faces (43a, 34b) being substantially equal to the thickness (S) of the powder strip (100, 100') to be compacted deposited on said surface (2, 200), said powder strip (100, 100') reproducing the same arrangement as the mixture of powders (33) within the hopper (34).



(54) Title of the invention : IONIC LIQUID-MODIFIED CATHODE AND ELECTROCHEMICAL DEVICE USING THE SAME

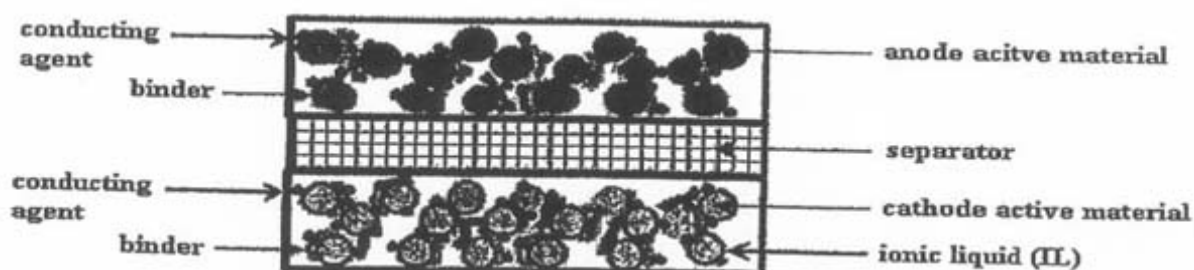
(51) International classification	:H01M 4/26	(71)Name of Applicant :
(31) Priority Document No	:10-2003-0100100	1)LG CHEM, LTD
(32) Priority Date	:30/12/2003	Address of Applicant :LG TWIN TOWER, 20, YODIO-DONG,
(33) Name of priority country	:Republic of Korea	YOUNGDUNGPO-GU, SEOUL 150-721 Republic of Korea
(86) International Application No	:PCT/KR2004/003434	(72)Name of Inventor :
Filing Date	:24/12/2004	1)YONG, HYUN, HANG
(87) International Publication No	:WO 2005/064712	2)LEE, SANG, YOUNG
(61) Patent of Addition to Application Number	:NA	3)KIM, SEOK, KOO
Filing Date	:NA	4)AHN, SOON, HO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 9

(57) Abstract :

The present invention provides a cathode produced from a cathode slurry comprising: (a) a cathode active material based on a lithium-containing metal composite oxide or a chalcogenide compound; and (b) an ionic liquid, as well as an electrochemical device including the cathode. The inventive cathode can greatly improve the safety of batteries without causing a significant deterioration in the battery performance.



(54) Title of the invention : RESOURCE SHARING BROADBAND ACCESS SYSTEM, METHODS, AND DEVICES

(51) International classification :H04L 12/28
 (31) Priority Document No :60/531,475
 (32) Priority Date :19/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/042696
 Filing Date :17/12/2004
 (87) International Publication No :WO 2005/064857
 (61) 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 CALIFORNIAAddress of Applicant :1111 FRANKLIN STREET, OAKLAND, CA
94607-5200 U.S.A.

(72)Name of Inventor :

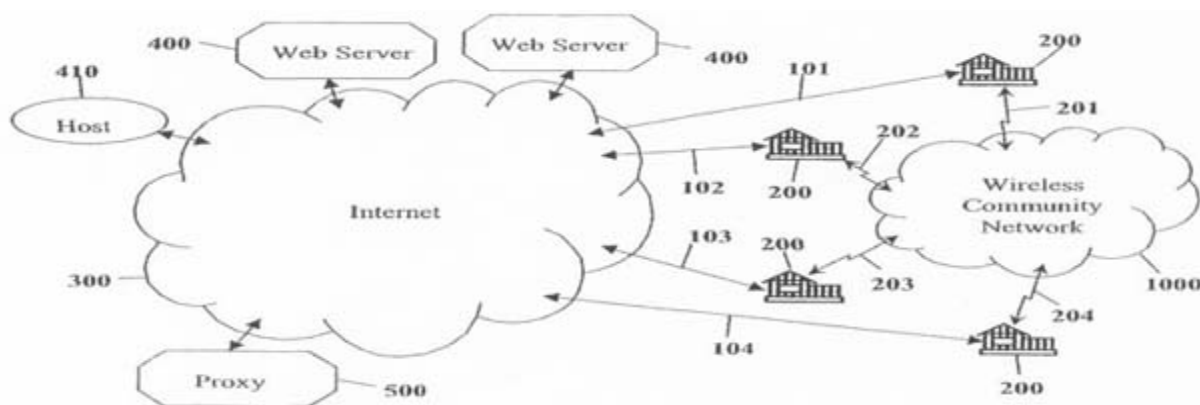
1)CRUZ, RENE, L.

No of Pages : 22

No of Claims : 27

(57) Abstract :

Methods, systems and devices for sharing communication resources among a plurality of clients (200-204) that are part of a common wireless community (1000). The communication resources are, for example, Internet access resources (101-104). Another example, might be a video or data delivery communication resource. As an example, clients have separate Internet access accounts. Embodiments of the invention, for example, allow client business units or residential units to share separate Internet access accounts.



(54) Title of the invention : NEW MATERIALS FOR INJECTING OR TRANSPORTING HOLES AND ORGANIC ELECTROLUMINESCENCE DEVICES USING THE SAME

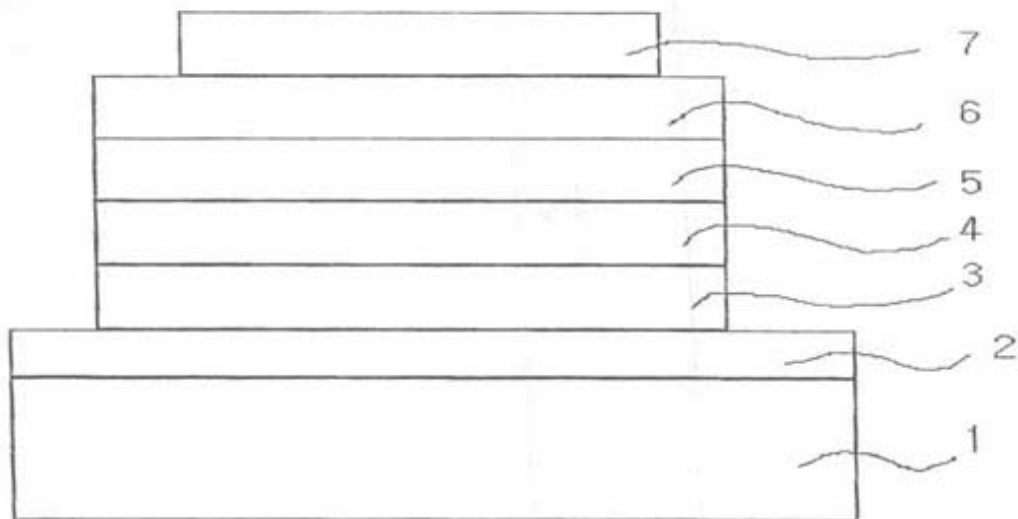
(51) International classification :C09K 11/06 (31) Priority Document No :10-2004-0018877 (32) Priority Date :19/03/2004 (33) Name of priority country :Republic of Korea (86) International Application No :PCT/KR2005/000794 Filing Date :18/03/2005 (87) International Publication No :WO/2005/090512 (61) 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 CHEM, LTD. Address of Applicant :LG TWIN TOWER 20, YOIDO-DONG, YOUNGDUNGPO-GU, SEOUL, 150-721 Republic of Korea (72)Name of Inventor : 1)KIM, JI-EUN 2)LEE, JAE-CHOL 3)KIM, KONG-KYEOM 4)BAE, JAE SOON 5)JANG, JUN-GI 6)JEON, SANG-YOUNG 7)KANG, MIN-SOO 8)CHO, WOOK-DONG 9)JEON BYUNG-SUN 10)KIM, YEON-HWAN

No of Pages : 124

No of Claims : 11

(57) Abstract :

The present invention relates to a novel compound that can significantly improve the lifespan, efficiency and thermal stability of an organic light emitting device, and to an organic electroluminescence device or light emitting device comprising the compound in an organic compound layer is also disclosed.



(54) Title of the invention : ORGANOPHOSPHOROUS INDAZOLE DERIVATIVES AND USE THEROF AS PROTEIN KINASE INHIBITORS

(51) International classification :C07F 9/38,9/44
 (31) Priority Document No :0314778
 (32) Priority Date :17/12/2003
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2004/003225
 Filing Date :15/12/2004
 (87) International Publication No :WO 2005/058923
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

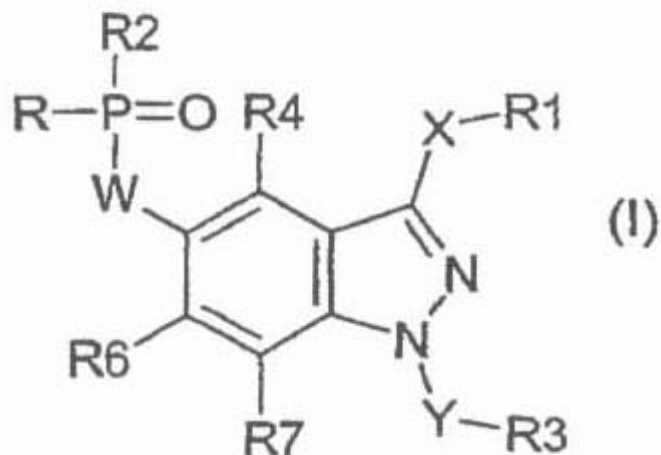
(71)Name of Applicant :
1)AVENTIS PHARMA S.A.
 Address of Applicant :20 AVENUE RAYMOND ARON, 92160
 ANTONY, France
 (72)Name of Inventor :
1)CHERRIER MARIE-PIERRE
2)CLERC, FRANCOIS
3)COMMERCON, ALAIN
4)MAILLIET PATRICK
5)MINOUX, HERVE
6)FILOCHE-ROMME BRUNO

No of Pages : 94

No of Claims : 11

(57) Abstract :

The invention relates to novel chemical compounds and, in particular, novel organophosphorous indazole derivatives, to compositions containing same and to the use thereof as medicaments for the treatment of cancers.



(54) Title of the invention : SUBSTITUTED 8'-PYRI(MI)DINYL-DIHYDROSPIRO-[CYCLOALKYLAMINE]-PYRIMIDO[1,2-a]PYRIMIDIN-6-ONE DERIVATIVES

(51) International classification :CO7D 487/04
 (31) Priority Document No :03293236.0
 (32) Priority Date :19/12/2003
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP2004/014846
 Filing Date :17/12/2004
 (87) International Publication No :WO 2005/058908
 (61) 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, F-75013 PARIS, France

2)MITSUBISHI PHARMA CORPORATION

(72)Name of Inventor :

1)CHEREZE, NATHALIE

2)LOCHEAD, ALISTAIR

3)SAADY, MOURAD

4)SLOWINSKI, FRANCK

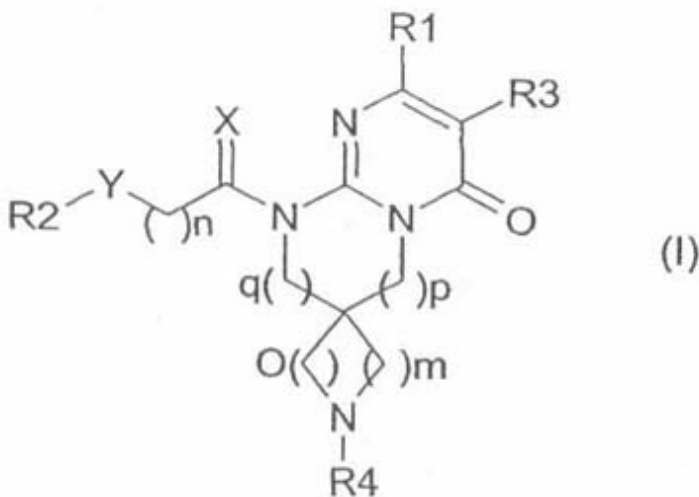
5)YAICHE, PHILIPPE

No of Pages : 42

No of Claims : 13

(57) Abstract :

The invention relates to a dihydrospiro-[cycloalkyl-amine]-pyrimidone derivative represented by formula (I) or a salt thereof: (I) wherein: X represents two hydrogen atoms, a sulfur atom, an oxygen atom or a C1-2 alkyl group and a hydrogen atom; Y represents a bond, a carbonyl group, a methylene group optionally substituted; R1 represents a 2, 3 or 4-pyridine ring or a 2,4 or 5-pyrimidine ring, the ring being optionally substituted; R2 represents a benzene ring or a naphthalene ring; the rings being optionally substituted; R3 represents a hydrogen atom, a C1-6 alkyl group or a halogen atom; R4 represents a hydrogen atom, a C1-4 alkoxy carbonyl group, a C3-6 cycloalkyl carbonyl group, a benzoyl group, a C1-6 alkyl group, the groups being optionally substituted; o and m represent 1 to 2; n represents 0 to 3; p represents 0 to 2; and q represents 0 to 2. The invention relates also to a medicament comprising the said derivative or a salt thereof as an active ingredient which is used for preventive and/or therapeutic treatment of a neurodegenerative disease caused by abnormal activity of GSK3 β , such as Alzheimer disease.



(54) Title of the invention : A PACKAGE WITH PILFER PROOF ASSEMBLY

(51) International classification	:B65D 77/04
(31) Priority Document No	:60/528,043
(32) Priority Date	:08/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/040970
Filing Date	:08/12/2004
(87) International Publication No	:WO2005/056421
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MEADWEATVACO CORPORATIONAddress of Applicant :ONE HIGH RIDGE PARK, STAMFORD
CONNECTICUT 06905 U.S.A.

(72)Name of Inventor :

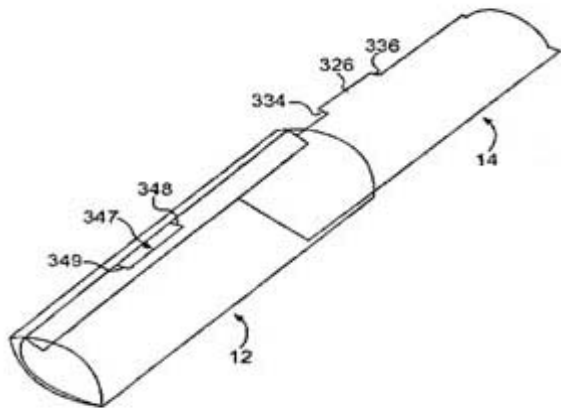
1)THIBAUT, RICHARD**2)MAZUREK, RICHARD****3)SHIMIZU, JAMIE**

No of Pages : 21

No of Claims : 6

(57) Abstract :

A product package and method for product packaging including an internal product container (14) having an external mating surface (118,326) and an external sleeve (12) configured to substantially enclose the product container (14) and having an opposing internal mating surface (112,347) and in which the package is assembled by sliding the product container (14) into the external sleeve (12) until the external mating surface (118,326) on the product container 14 and the internal mating surface (112,347) on the sleeve (12) matingly engage to lock the product container (14) in place within the external sleeve (12) to prevent pilferage of and tampering with the product.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1642/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : LEPTIN ANTAGONIST AND METHOD FOR QUANTITATIVE MEASUREMENT OF LEPTIN

(51) International classification	:C07K 16/28
(31) Priority Document No	:103 53 593.4
(32) Priority Date	:17/11/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/013043
Filing Date	:17/11/2004
(87) International Publication No	:WO 2005/049655
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KLINIKUM DER UNIVERSITAT MUNCHEN
Address of Applicant :GROSSHADERN-INNENSTADT,
LINDWURMSTR. 2a, 80337 Munchen, Germany
2)UNIVERSITY OF SHEFFIELD
(72)**Name of Inventor :**
1)STRASBURGER, Christian, J.
2)BIDLINGMAIER, Martin
3)WU, ZIDA
4)MATARESE, Giuseppe
5)ROSS, Richard, J.,M.

No of Pages : 81

No of Claims : 39

(57) Abstract :

This invention relates to specific antibodies or fusion proteins, in particular a specific antibody A or a fusion protein directed to a leptin receptor (leptin-R) or a leptin-binding protein (leptin-BP), as well as to the use of these antibodies or fusion proteins for quantitative analysis, for therapeutic purposes and for the preparation of therapeutic drugs. Furthermore, the invention relates to a method for quantitative determination of leptin in the sample of solubilized or suspended leptin-binding proteins by using specific antibodies or fusion proteins according to the invention, as well as to diagnostic agents and (diagnostic) kits containing this antibody or fusion protein.

(54) Title of the invention : METHOD OF DATA ENTRY FOR INDIC LANGUAGES

(51) International classification	:G06F 17/27,17/28	(71) Name of Applicant :
(31) Priority Document No	:PCT/SG04/000013	1)AROOP KUMAR BANERJEE
(32) Priority Date	:14/01/2004	Address of Applicant :32, JALAM KELABU ASAP SINGAPORE
(33) Name of priority country	:Singapore	278225 Singapore
(86) International Application No	:PCT/SG04/000013	2)APARUP BANERJEE
Filing Date	:14/01/2004	(72) Name of Inventor :
(87) International Publication No	:WO 2005/069159	1)AROOP KUMAR BANERJEE
(61) Patent of Addition to Application Number	:NA	2)APARUP BANERJEE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 9

(57) Abstract :

An Indic text entry program is proposed which runs on a computer system simultaneously with application software adapted to receive Indic text. The Indic text entry program provides a graphical user interface on a screen of the computer system. A user selects successive Indic characters using a mouse. The successively selected characters are presented in the graphical user interface until, in response to a command from the user, the characters are transferred to the application software. Thus, Indic text can be input to the application software without use of a specially adapted keyboard. The program at each time suggests items from a dictionary consistent with the characters selected so far. If one of the suggestions matches what the user wished to type, the user can select that item rather than typing the rest of the word.



(54) Title of the invention : FRAME FOR OPTICAL FIBER DISTRIBUTION AND MANAGEMENT, AND ASSOCIATED METHODS

(51) International classification :G02B 6/44,H04Q 1/14
 (31) Priority Document No :10/714,814
 (32) Priority Date :17/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/038303
 Filing Date :17/11/2004
 (87) International Publication No :WO 2005/050277
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

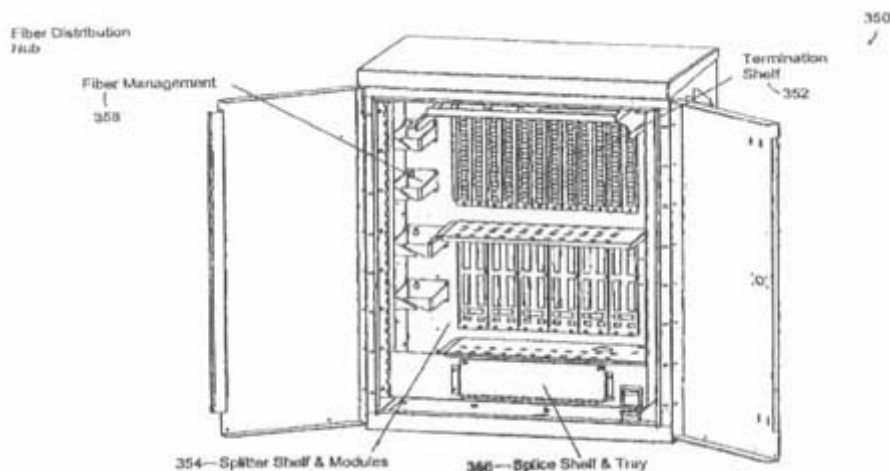
(71)**Name of Applicant :**
1)FIBER OPTIC NETWORK SOLUTIONS CORPORATION
 Address of Applicant :140 LOCKE DRIVE MARLBOROUGH,
 MASSACHUSETTS 01752 U.S.A.
 (72)**Name of Inventor :**
1)REAGAN, RANDY
2)GNIADEK, JEFFREY
3)PARSONS, TOM
4)NOONAN, MICHAEL

No of Pages : 49

No of Claims : 93

(57) Abstract :

The preferred embodiments of the present invention include an optical sputter module having connectorized pigtails that are stored on the bulkhead faceplate of the module. The module includes an optical splitter output harness, for example, a ribbon cable assembly attached to the bulkhead with rugged strain relief mechanism. The ribbon harness is converted to individual pigtails with connectors, which are stored on adapter receptacles on the faceplate. Adapter receptacles used may optionally be half receptacles when storage is the only desired function or may be full receptacles when access to the pigtail ferrule tip is required. Access to the ferrule tip may be required for attaching fiber optic terminators to eliminate undesirable reflections caused by unterminated connectors. The module provides an administrative location for splitter outputs prior to being connected individually into service. The module also provides an administrative storage location for splitter outputs taken out of service as a temporary staging area before being reassigned and connected individually into service again. The preferred embodiments of the present invention include an optical sputter module having connectorized pigtails that are stored on the bulkhead faceplate of the module. The module includes an optical splitter output harness, for example, a ribbon cable assembly attached to the bulkhead with rugged strain relief mechanism. The ribbon harness is converted to individual pigtails with connectors, which are stored on adapter receptacles on the faceplate. Adapter receptacles used may optionally be half receptacles when storage is the only desired function or may be full receptacles when access to the pigtail ferrule tip is required. Access to the ferrule tip may be required for attaching fiber optic terminators to eliminate undesirable reflections caused by unterminated connectors. The module provides an administrative location for splitter outputs prior to being connected individually into service. The module also provides an administrative storage location for splitter outputs taken out of service as a temporary staging area before being reassigned and connected individually into service again.



(54) Title of the invention : CATALYST FOR PRODUCING UNSATURATED ALDEHYDE AND UNSATURATED CARBOXYLIC ACID, METHOD FOR PRODUCING SAME, AND METHOD FOR PRODUCING UNSATURATED ALDEHYDE AND UNSATURATED CARBOXYLIC ACID

(51) International classification :B01J 37/00, 23/888
 (31) Priority Document No :2003-421279
 (32) Priority Date :18/12/2003
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2004/018402
 Filing Date :09/12/2004
 (87) International Publication No :WO 2005/058497
 (61) 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 RAYON CO., LTD.Address of Applicant :6-41, KONAL 1-CHOME, MINATO-KU
TOKYO 108-8506 Japan

(72)Name of Inventor :

1)MASAHIDE KONDO**2)HIROYUKI NAITOU****3)TORU KURODA**

No of Pages : 28

No of Claims : 5

(57) Abstract :

A catalyst for use in producing an unsaturated aldehyde and an unsaturated carboxylic acid which is excellent in catalyst activity and selectivity to the unsaturated aldehyde and the unsaturated carboxylic acid, a method for producing such a catalyst and a method for producing an unsaturated aldehyde and an unsaturated carboxylic acid by using such a catalyst are provided. A method for producing a catalyst containing at least molybdenum, bismuth and iron for use in producing an unsaturated aldehyde and an unsaturated carboxylic acid through gas-phase catalytic oxidation of propylene, isobutylene, tertiary butyl alcohol or methyl tertiary butyl ether with molecular oxygen comprises the steps of kneading particles containing catalyst components, an organic binder and a liquid and extrusion molding the resultant kneaded mixture, the organic binder containing at least a high-viscosity organic binder having a viscosity (of its 1% water solution or dispersion at 20°C) of from 5,000 mPa.s to 25,000 mPa.s and a low-viscosity organic binder having a viscosity (of its 1% water solution or dispersion at 20°C) of from 10 mPa.s to less than 5,000 mPa.s.

(54) Title of the invention : CONTROLLED RELEASE OF TOPIRAMATE IN LIQUID DOSAGE FORMS

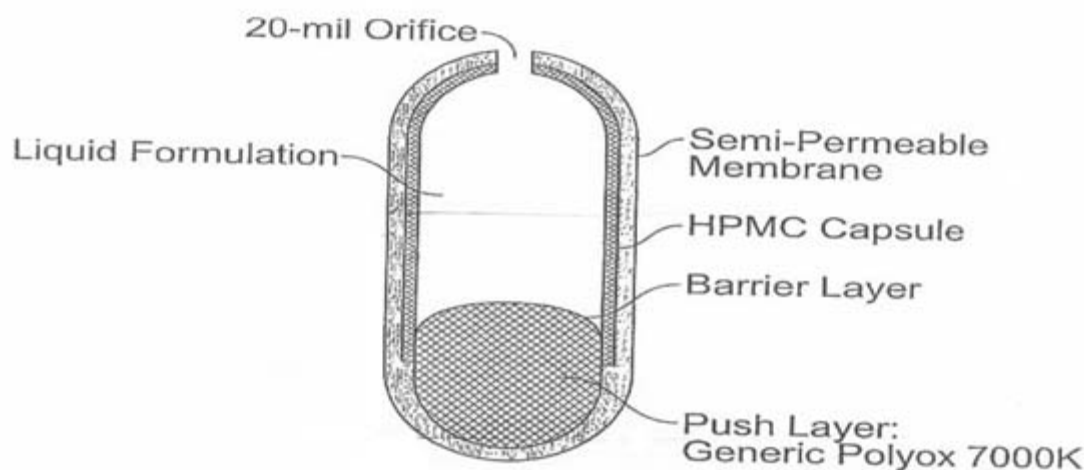
(51) International classification	:A61K 9/00	(71)Name of Applicant :
(31) Priority Document No	:60/519,953	1)ALZA CORPORATION
(32) Priority Date	:14/11/2003	Address of Applicant :1900 CHARLESTON ROAD P.O.BOX 7210
(33) Name of priority country	:U.S.A.	MOUNTAIN VIEW CA 94039-7210 U.S.A.
(86) International Application No	:PCT/US04/037616	(72)Name of Inventor :
Filing Date	:12/11/2004	1)SHOALING LI
(87) International Publication No	:WO 2005/048981	2)ANDREW LAM
(61) Patent of Addition to Application Number	:NA	3)LIANG DONG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 48

No of Claims : 40

(57) Abstract :

This invention relates to novel formulations and methods for the controlled release delivery of topiramate; as well as to the use of these formulations and methods for treating disease.



(54) Title of the invention : ARC QUENCHING DEVICE FOR A SOLAR ARRAY

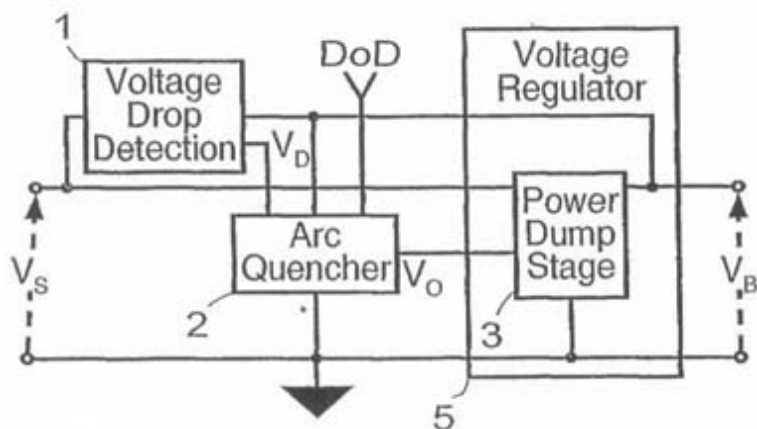
(51) International classification	:B64G 1/44 ,G05F 1/61	(71)Name of Applicant :
(31) Priority Document No	:PCT/EP2004/000612	1)EUROPEAN SPACE AGENCY
(32) Priority Date	:26/01/2004	Address of Applicant :8-10, RUE MARIO NIKIS, F-75738, PARIS
(33) Name of priority country	:France	France
(86) International Application No	:PCT/EP2004/000612	(72)Name of Inventor :
Filing Date	:26/01/2004	1)HAINES, JAMES EDWARD
(87) International Publication No	:WO 2005/071512	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 7

(57) Abstract :

A device for protecting against arcing events solar array panels and control equipment supplying a main power bus, the control equipment comprising a regulator (5) for controlling a solar array voltage (V_s) and including a power dump stage (3) for shunting the solar array voltage as a function of a control signal, the device comprising a voltage drop detection circuit (1) for generating a voltage drop detection signal (V_D) when a voltage drop is detected in the solar array voltage (V_s), and an arc-quenching circuit (2) comprising means for generating an output signal (V_o) which is applied as the control signal to the power dump stage (3) so as to shunt said solar array voltage (V_s) when a voltage drop is detected by said voltage drop detection circuit.



(54) Title of the invention : IMPLANTABLE MEDICAL DEVICE WITH SLEEP DISORDERED BREATHING MONITORING

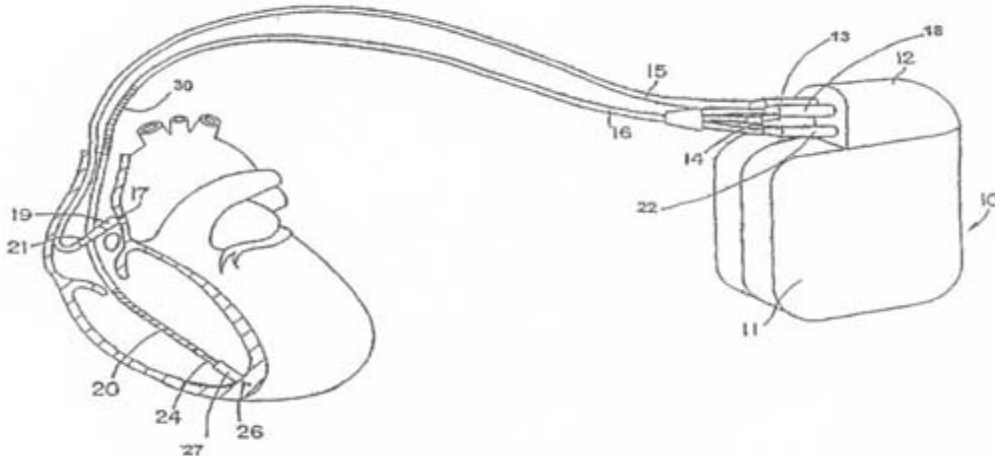
(51) International classification	:A61B 5/00,A61N 1/36	(71)Name of Applicant : 1)MEDTRONIC, INC.
(31) Priority Document No	:10/746,814	Address of Applicant :MS LC340, 710 MEDTRONIC PARKWAY, MINNEAPOLIS, MN 55432 U.S.A.
(32) Priority Date	:24/12/2003	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)CHO, YONG, KYUN
(86) International Application No	:PCT/US2004/041880	2)WARMAN, EDUARDO, N.
Filing Date	:09/12/2004	3)SHELDON, TODD, J.
(87) International Publication No	:WO 2005/065536	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 17

(57) Abstract :

An implantable medical device (IMD) includes a sensor for monitoring parameters indicative of sleep disordered breathing. The IMD also includes a position sensor that indicates the relative position and/or activity level of the patient. The position sensor data is used in one or more ways in conjunction with the SDB sensing. The position data is used to confirm that such sensed data is likely indicative of SDB or to select the appropriate criteria for comparison.



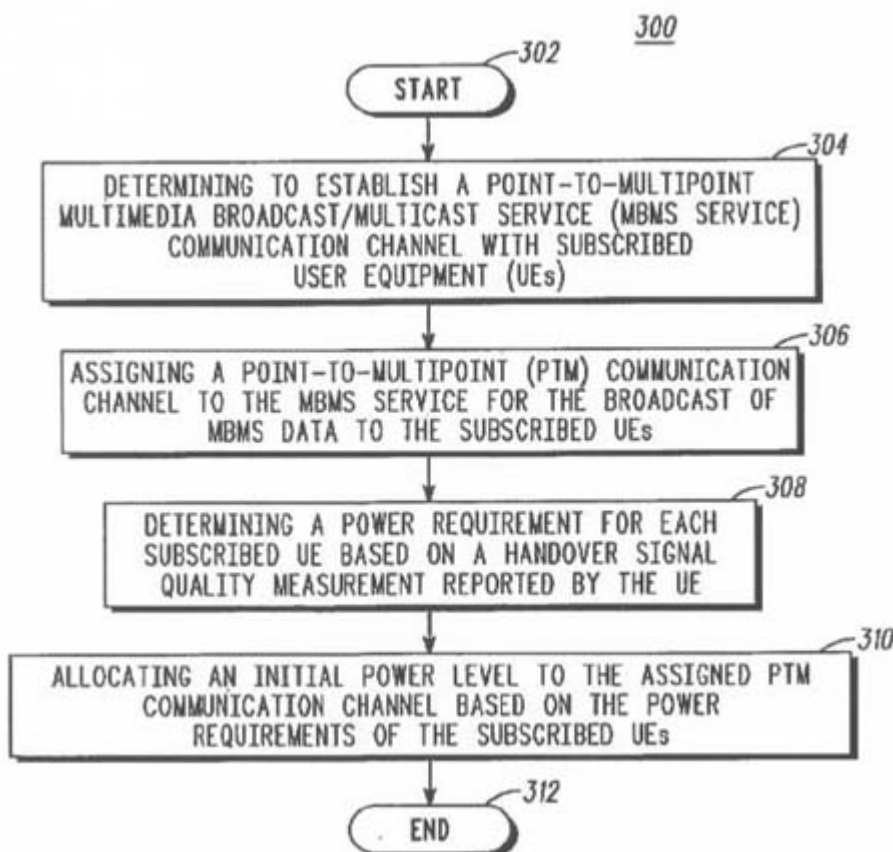
(51) International classification	:H04B 1/00,H04B7/00	(71)Name of Applicant : 1)MOTOROLA, INC. Address of Applicant :1303 EAST ALGONQUIN ROAD, SCHAUMBURG ILLINOIS 60196 U.S.A.
(31) Priority Document No	:10/770,906	(72)Name of Inventor :
(32) Priority Date	:03/02/2004	1)RATASUK, RAPEEPAT
(33) Name of priority country	:U.S.A.	2)FABIEN, JEAN-AICARD
(86) International Application No	:PCT/US2005/001441	3)GHOSH AMITAVA
Filing Date	:14/01/2005	4)XIAO, WEIMIN
(87) International Publication No	:WO 2005/078794	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 10

(57) Abstract :

A communication system (100) is provided that dynamically allocates power to a multimedia Broadcast/Multicast Service (an MBMS service). In response to determining (304) to establish a point-to-Multimedia (PTM) communication channel to multiple user equipment (UEs) (102-104), the communication service assigns (306) the PTM communication channel to the MBMS service, determines (308) a power requirement associated with each use equipment (UE) of the multiple UEs based on a handover quality measurement associated with the UE to produce multiple power requirements, and allocates (310) a power level to the PTM communication channel based on the multiple power requirements. The communication system further dynamically adjusts the allocated power based on a handover quality measurement associated with a UE of the multiple UEs that is received during provision of the MBMS service.



(54) Title of the invention : A SYSTEM AND METHOD FOR A MULTI-DIRECTIONAL IMAGING SYSTEM

(51) International classification :G06K 7/10
 (31) Priority Document No :10/747,831
 (32) Priority Date :29/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/043390
 Filing Date :22/12/2004
 (87) International Publication No :WO 2005/065270
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MOTOROLA, INC.Address of Applicant :1303 EAST ALGONQUIN ROAD,
SCHAUMBURG, ILLINOIS 60196 U.S.A.

(72)Name of Inventor :

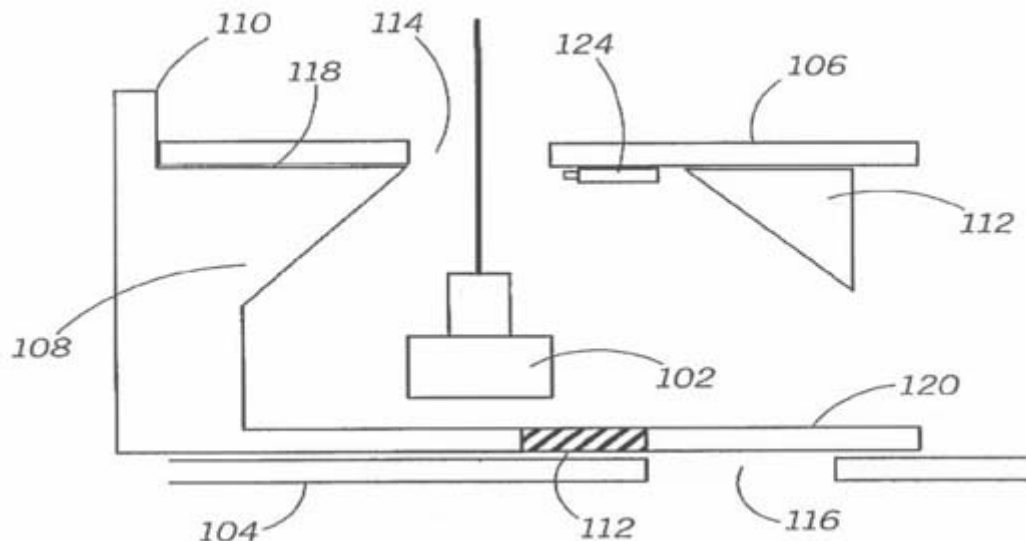
1)JOHNSON, KEVIN, W.**2)HARMON, ROGER, W****3)PINCENTI, JOHN, C.****4)SMITH, PAUL, J.**

No of Pages : 25

No of Claims : 20

(57) Abstract :

An electronic device (100) and a method for use thereof having an integral camera (102) for taking pictures from multiple sides of the electronic device. The electronic device (100) has a case (101) and a moveable assembly (108) for allowing the camera (102) to capture images from multiple angles with respect to the case depending on the position of the moveable assembly (108). A lens (122) may be used to correct or adjust the image. The camera (102) or electronic device electronics may be used to reverse an image when an odd number of mirrors (206), (208) are used to direct light to the camera (102).



(54) Title of the invention : AKT PROTEIN KINASE INHIBITORS

(51) International classification :A61K
(31) Priority Document No :60/524,003
(32) Priority Date :21/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/039094
Filing Date :19/11/2004
(87) International Publication No :WO 2005/051304
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ARRAY BIOPHARMA INC.Address of Applicant :3200 WALNUT STREET, BOULDER, CO
80301 U.S.A.

(72)Name of Inventor :

1)MITCHELL, IAN S.**2)SPENCER, KEITH, L.****3)STENGEL, PETER****4)HAN, YONGXIN****5)KALLAN, NICHOLAS C****6)MUNSON, MARK****7)VIGERS, GUY, P.A.****8)BLAKE, JAMES****9)PISCOPIO, ANTHONY****10)JOSEY, JOHN****11)MILLER, SCOTT****12)XIAO, DENGMIN****13)XU, RIU****14)RAO, CHANG****15)WANG, BIN****16)BERNACKI, APRIL, L**

No of Pages : 234

No of Claims : 43

(57) Abstract :

The present invention provides compounds, including resolved enantiomers, diastereomers, solvates and pharmaceutically acceptable salts thereof, comprising the Formula: A-L-CR where CR is a cyclical core group, L is a linking group and A is as defined herein. Also provided are methods of using the compounds of this invention as AKT protein kinase inhibitors and for the treatment of hyperproliferative diseases such as cancer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1652/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : ORGANIC-INORGANIC COMPOSITE

(51) International classification	:C04B 24/10
(31) Priority Document No	:60/528,595
(32) Priority Date	:10/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/041514
Filing Date	:10/12/2004
(87) International Publication No	:WO 2005/060628
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)INNOVATIVE CONSTRUCTION AND BUILDING MATERIALS, LLC.

Address of Applicant :626, BANCROFT WAY, SUITE 3B,
BERKELEY, CA 94710 U.S.A.

(72)**Name of Inventor :**

1)POLLOCK, JACOB FREAS

2)TAGGE, CHRISTOPHER D.

3)SAITO, KEN

No of Pages : 28

No of Claims : 30

(57) Abstract :

An inorganic-organic composite comprises an inorganic phase, such as gypsum crystals, and a film forming organic phase. The film forming organic phase is selected from substituted starches having a degree of polymerization; degree of substitution and viscosity such that the substituted starches are insoluble in water during mixing but dissolve at a higher processing temperature during forming, setting or drying of the composite. Thus, excessive migration of the substitute starch is prevented and the composite is substantially strengthened.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1653/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :14/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : INSTRUMENT FOR TREATING AMBLYOPIA USING AUTOMATIC FREQUENCY CONVERSION LASER

(51) International classification	:A61F9/008,A61N 5/067	(71) Name of Applicant : 1)FUNG DANLAI Address of Applicant :RM 2006, 20/F, C C WU BUILDING, 302-308 HENNESSY ROAD, WANCHAI, HONG KONG China
(31) Priority Document No	:200520114140.8	(72) Name of Inventor :
(32) Priority Date	:19/07/2005	1)LI ZHISHENG
(33) Name of priority country	:China	2)FUNG DANLAI
(86) International Application No	:PCT/CN2005/001285	
Filing Date	:18/10/2005	
(87) International Publication No	:WO 2007/009300	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 7

(57) Abstract :

The present invention relates to an instrument for treating amblyopia using automatic frequency conversion laser, comprises a laser generator, a circular lightproof system installed on the output light path and a control circuit, also comprises an angular rotation expander for adjusting height and light path output angle. The angular rotation expander comprises a primary drawtube having a primary lens, set outside of a secondary drawtube having a secondary lens. The primary drawtube is set outside of the secondary lens and can reciprocate along it. A retainer is equipped on the upper position of the secondary drawtube. There is an opening on one side of the primary drawtube for leaving the light out, a reflector is set inside of the primary lens facing the opening. Light outputted by the laser generator is transmitted directly to the secondary lens, and then to the primary lens, and finally is sent out from the opening after reflected by the reflector.

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING A MULTIMEDIA BROADCAST/MULTICAST SERVICE IN A VISITED NETWORK

(51) International classification :H04Q 7/20
 (31) Priority Document No :60/541,023
 (32) Priority Date :02/02/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/002884
 Filing Date :01/02/2005
 (87) International Publication No :WO 2005/076641
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MOTOROLA, INC.

Address of Applicant :1303 EAST ALGONQUIN ROAD,
 SCHAUMBURG, ILLINOIS 60196 U.S.A.

(72)Name of Inventor :

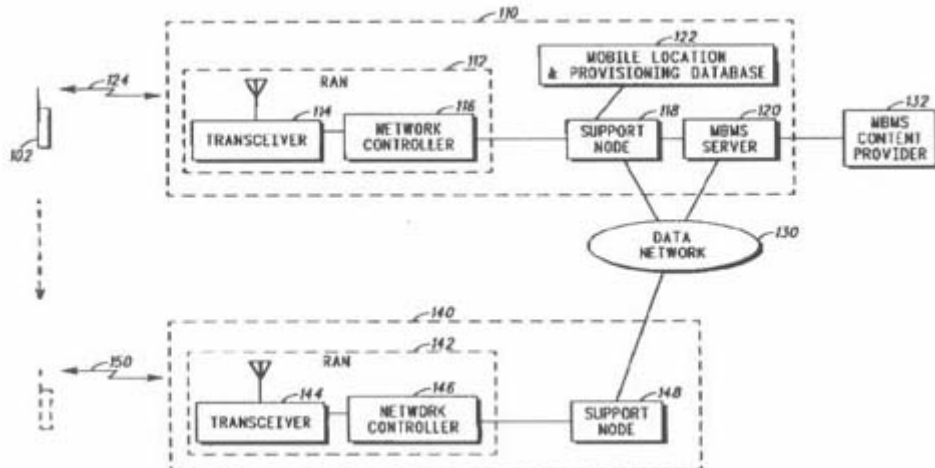
1)CHEN, BONNIE

No of Pages : 28

No of Claims : 10

(57) Abstract :

A communication system (100) provides a Multimedia Broadcast/Multicast Service (MBMS) to a roaming user equipment (UE) (102) by receiving, at a first network (110), a request from the UE to subscribe to an MBMS service and, in response to receiving the request, conveying to the UE a Temporary Mobile Group Identity (TMGI) that is uniquely associated with the MBMS service and the first network. When the first network receives information associated with a registration of the UE with a second network (140) and further receives MBMS data associated with the MBMS service, the first network conveys the MBMS data and the TMGI to the UE via the second network. By using a TMGI associated with the first network Ues subscribed to the MBMS service at the second network may ignore notifications sent to the UE subscribed to the MBMS service at the first network.



(54) Title of the invention : CYCLOPROPANE COMPOUNDS AND PHARMACEUTICAL USE THEREOF

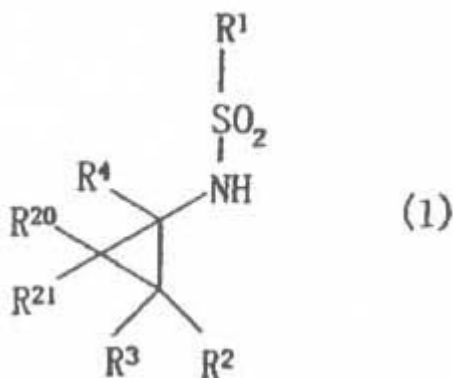
(51) International classification :A61K31/496; A61K31/416; A61K31/4436; A61 (31) Priority Document No :60/529,116 (32) Priority Date :15/12/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2004/041852 Filing Date :14/12/2004 (87) International Publication No :WO 2005/058884 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)JAPAN TOBACCO, INC. Address of Applicant :2-1, TORANOMON 2-CHOME, MINATO-KU, TOKYO 105-8422 Japan (72)Name of Inventor : 1)INABA TAKASHI 2)HAAS JULIA 3)SHIOZAKI MAKOTO 4)LITTMANN NICOLE M 5)YASUE KATSUTAKA 6)ANDREWS STEVEN W 7)SAKAI ATSUSHI 8)FRYER ANDREW M 9)MATSUO TAKAFUMI 10)LAIRD ELLEN R 11)SUMA AKIRA 12)SHINOZAKI YUICHI 13)HORI YOSHIKAZU 14)IMAI HIROTO 15)NEGORO TAMOTSU

No of Pages : 455

No of Claims : 34

(57) Abstract :

The present invention provides a compound having aggrecanase inhibitory activity and MMP-13 inhibitory activity, and useful as a therapeutic agent for osteoarthritis, rheumatoid arthritis and the like, more specifically, a cyclopropane compound of formula (1): wherein R¹ is - (CH₂)_n-X- (CH₂)_m-A¹ etc, wherein m and n are the same or different and each is 0 to 6, X is a single bond, etc. and A¹ is a substituted C3-14 hydrocarbon ring group, etc.; R¹ and R³ are the same or different and each is a hydrogen atom, -(CH₂)-X¹(CH₂)-A², etc., wherein p and q are the same or different and each is 0 to 6, X¹ is a single bond, etc. and A² is an optionally substituted C3-14 hydrocarbon ring group, etc.; R⁴ is -CO₂R⁹, etc., wherein R⁹ is a hydrogen atom, etc.; and R²⁰ and R²¹ are the same or different and each is a hydrogen atom, -(CH₂)_{m12}-X¹²-(CH₂)_{m12}-R³⁰, etc., wherein m₁₂ and m₁₂ are the same or different and each is 0 to 6, X₁₂ is a single bond, etc. and R³⁰ is a hydrogen atom, etc.; or a prodrug thereof or a pharmaceutically acceptable salt thereof.



(54) Title of the invention : FLUSH SYRINGE HAVING ANTI-REFLUX STOPPER

(51) International classification :A61M 5/315
 (31) Priority Document No :10/731,827
 (32) Priority Date :09/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/039215
 Filing Date :23/11/2004
 (87) International Publication No :WO 2005/061030
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

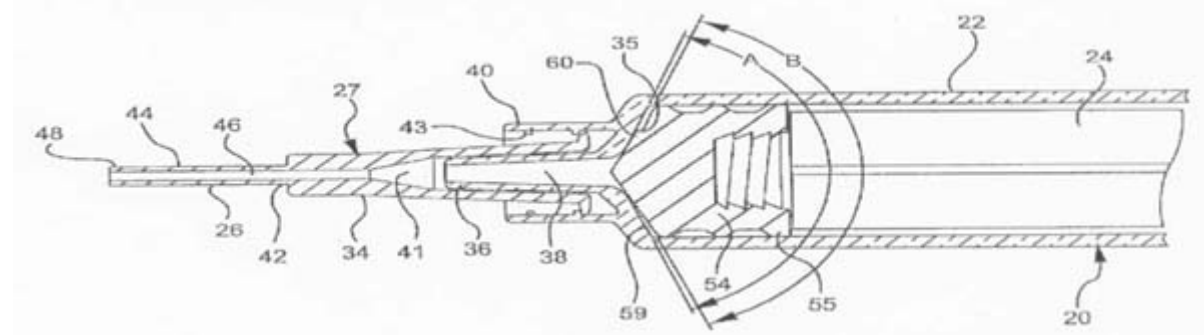
(71)Name of Applicant :
1)BECTON, DICKINSON AND COMPANY
 Address of Applicant :1 BECTON DRIVE, FRANKLIN LAKES, NJ
 07417-1880 U.S.A.
 (72)Name of Inventor :
1)ALHEIDT, THOMAS, A.
2)TIMKO, JAMES, JOHN

No of Pages : 30

No of Claims : 9

(57) Abstract :

A method of making a flush syringe assembly (20) comprises providing a plurality of syringe barrels (22) having a chamber (33) with a conically-shaped distal wall (35) and providing a plurality of stoppers (54) having a conically-shaped distal surface (59). The method further includes selecting a stopper from the plurality of stoppers and a barrel from the plurality of barrels so that the total included angle (A) of the distal wall of the selected barrel is greater than the total included angle (B) of the selected stopper distal surface, and inserting the selected stopper into the chamber of the selected barrel.



(54) Title of the invention : METHODS OF ENHANCING IMMUNE RESPONSE IN THE INTRADERMAL COMPARTMENT AND COMPOUNDS USEFUL THEREOF

(51) International classification :A61K 39/00 A61K 45/00 A61K 47/00
 (31) Priority Document No :60/527,599
 (32) Priority Date :05/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/041021
 Filing Date :06/12/2004
 (87) International Publication No :WO 2005/074460
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)BECTON, DICKINSON AND COMPANY

Address of Applicant :1 BECTON DRIVE, FRANKLIN LAKES, NJ 07417-01880 U.S.A.

(72)Name of Inventor :

1)CAMPBELL, ROBERT

2)DOLAN, KEVIN, G

3)ALARCON, JASON

4)WOODLEY, WENDY, D

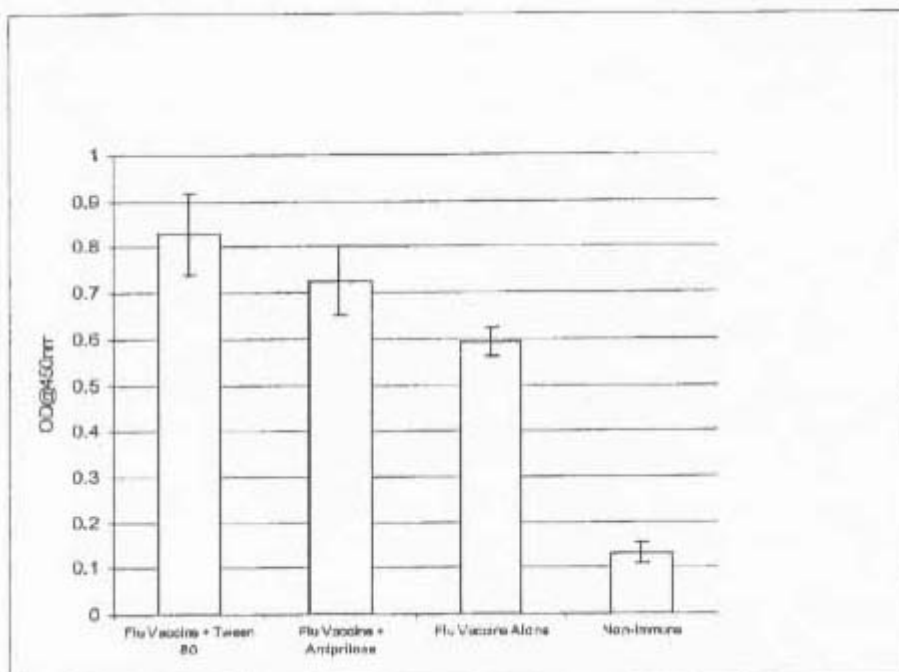
5)MIKSZTA, JOHN

No of Pages : 138

No of Claims : 43

(57) Abstract :

The present invention relates to immunogenic compositions for intradermal delivery of an antigenic or immunogenic agent in combination with one or more excipients. The immunogenic compositions of the invention comprise an antigenic or immunogenic agent and at least one excipient which acts as an adjuvant, i.e., enhances the immune response to the antigenic or immunogenic agent, once delivered to the intradermal compartment of a subject's skin. The immunogenic compositions of the invention comprise an excipient which when administered to the intradermal compartment of skin in accordance with the invention demonstrate adjuvant activity. The immunogenic compositions of the invention have enhanced efficacy as the excipients of the composition cause an asymptomatic skin irritation and recruit antigen presenting cells to the intradermal compartment and thus enhance presentation and/or availability of the antigenic or immunogenic agent to the antigen presenting cells. The enhanced efficacy of the immunogenic compositions of the invention may result in a therapeutically effective immune response after a single intradermal dose, with lower doses of antigenic or immunogenic agent than conventionally used, and without the need for booster immunizations.



(54) Title of the invention : HAIR COSMETIC COMPOSITION

(51) International classification	:A61K 7/75	(71)Name of Applicant :
(31) Priority Document No	:2003-408113	1)GE TOSHIBA SILICONES CO. LTD.
(32) Priority Date	:05/12/2003	Address of Applicant :2-31, ROPPONGI 6-CHOME, MINATO-KU
(33) Name of priority country	:Japan	TOKYO 106-8550 Japan
(86) International Application No	:PCT/JP04/018015	(72)Name of Inventor :
Filing Date	:03/12/2004	1)Koji SUENAGA
(87) International Publication No	:WO 2005/053626	2)AKINORI SATO
(61) Patent of Addition to Application Number	:NA	3)YUTAKA HORIE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 41

No of Claims : 5

(57) Abstract :

The hair cosmetic composition contains a solvent-containing silicone emulsion (A) which is prepared by emulsifying a mixture of high-molecular-weight polyorganosiloxane (a) obtained by emulsion polymerization and a volatile solvent (b), a surfactant (B) and water (C). The component solvent-containing silicone emulsion (A) is contained at a ratio of 0.1-10 wt% as a total amount of the high-molecular-weight polyorganosiloxane (a) and the volatile solvent (b) . And, the component surfactant (B) is contained at a ratio of 0.05-40 wt%. Hair is provided with outstanding smoothness and softness, and particularly good finger combing when rinsing the hair.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1659/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : POROUS FORMED ARTICLE AND METHOD FOR PRODUCTION THEREOF

(51) International classification	:B01D15/00; B01D53/02	(71) Name of Applicant : 1)ASAHI KASEI CHEMICALS CORPORATION Address of Applicant :1-2, YURAKUCHO 1-CHOME, CHIYODA-KU, TOKYO, JAPAN Japan
(31) Priority Document No	:2003-416974	(72) Name of Inventor :
(32) Priority Date	:15/12/2003	1)AKIHIRO OMORI
(33) Name of priority country	:Japan	2)TADASHI SHIMIZU
(86) International Application No	:PCT/JP04/018659	
Filing Date	:14/12/2004	
(87) International Publication No	:WO 2005/056175	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 98

No of Claims : 53

(57) Abstract :

A porous formed article which comprises an organic polymer resin and an inorganic ion absorbing material, and has communicating pores opening at an outer surface, wherein it has cavities in the interior of a fibril forming a communicating pore, at least a part of said cavities opens at the surface of the fibril, and the inorganic ion absorbing material is carried on the outer surface of said fibril and on the surface of inner cavities.

(54) Title of the invention : MONO-AND/OR BI-ENERGY ACTIVE CHAMBER ENGINE WITH SUPPLEMENTARY COMPRESSED AIR AND/OR ENERGY AND ITS THERMODYNAMIC CYCLE

(51) International classification :F01B 17/02
 (31) Priority Document No :0313401
 (32) Priority Date :17/11/2003
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2004/002929
 Filing Date :17/11/2004
 (87) International Publication No :WO 2005/049968
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

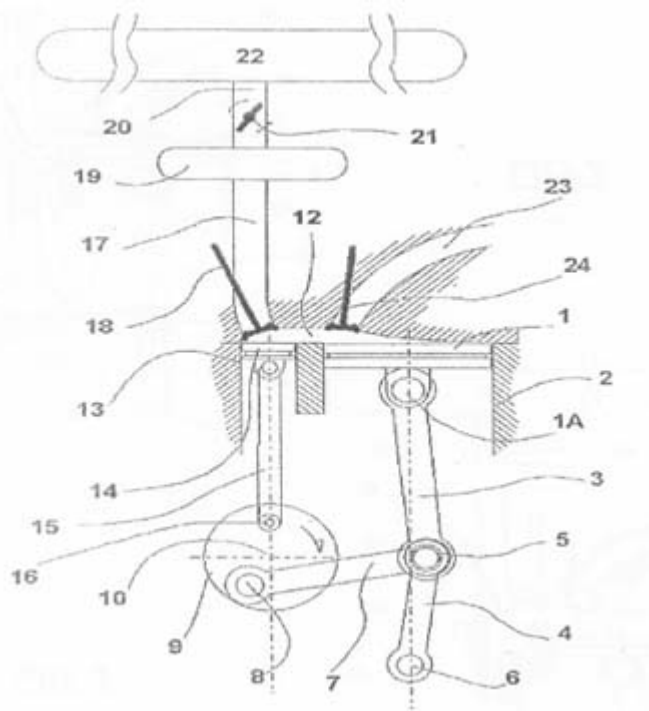
(71)**Name of Applicant :**
1)MDI MOTOR DEVELOPMENT INTERNATIONAL S.A.
 Address of Applicant :LUXEMBOURG 23, RUE BEAUMONT, L-1219 LUXEMBOURG. Luxembourg
 (72)**Name of Inventor :**
1)NEGRE, GUY
2)NEGRE, CYRIL

No of Pages : 18

No of Claims : 20

(57) Abstract :

The invention engine used a top dead center piston stop device. It is fed by compressed air which is contained in a high-pressure storage tank via a working capacity(19), which in the bi-energy version comprises a device for heating the air supplied by additional energy. The active expansion chamber consists of a variable volume or charge piston sliding in a cylinder, couple to space above the engine piston (1) by means of a passage(12). When stopped at upper dead center, the pressurized air is admitted into the expansion chamber with the smallest volume and, under the effect of thrust, increases the volume therefore by producing work the expansion chamber is then kept at a maximum volume during expansion of the engine cylinder(2) driving back the engine piston (1) in its downward stroke, providing work of its own. During exhaust, the two pistons(1 and 13) travel in an upward stroke and simultaneously reach top dead center in order to resume a new cycle. The invention can be used with land vehicles, cars, buses, motor bikes, boats, auxiliary generator sets cogeneration units and fixed station motors.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1661/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : CRYSTALLINE FORMS OF (6R) -L- ERYTHRO-TETRAHYDROBIOPTERIN DIHYDRO CHLORIDE

(51) International classification	:C07D 475/04
(31) Priority Document No	:60/520,377
(32) Priority Date	:17/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2004/004447
Filing Date	:17/11/2004
(87) International Publication No	:WO 2005/065018
(61) 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 EPROVA AG
Address of Applicant :SWITZERLAND, IM LATERNENACKER 5,
CH-8200 SCHAFFHAUSEN Switzerland

(72)**Name of Inventor :**
1)MOSER, RUDOLF
2)GROEHN, VIOLA
3)EGGER, THOMAS
4)BLATTER, FRITZ

No of Pages : 66

No of Claims : 18

(57) Abstract :

Crystal forms of (6R)-L-erythro-tetrahydrobiopterin dihydrochloride, hydrates and solvates and processes for their preparation are provided. These crystal forms are either intermediates for the preparation of stable polymorphic form B or are suitable for solid formulations.

(54) Title of the invention : FUEL FEED UNIT

(51) International classification :B60K15/077,F02M37/02
 (31) Priority Document No :102004003114.2
 (32) Priority Date :21/01/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2004/053602
 Filing Date :20/12/2004
 (87) International Publication No :WO 2005/070719
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

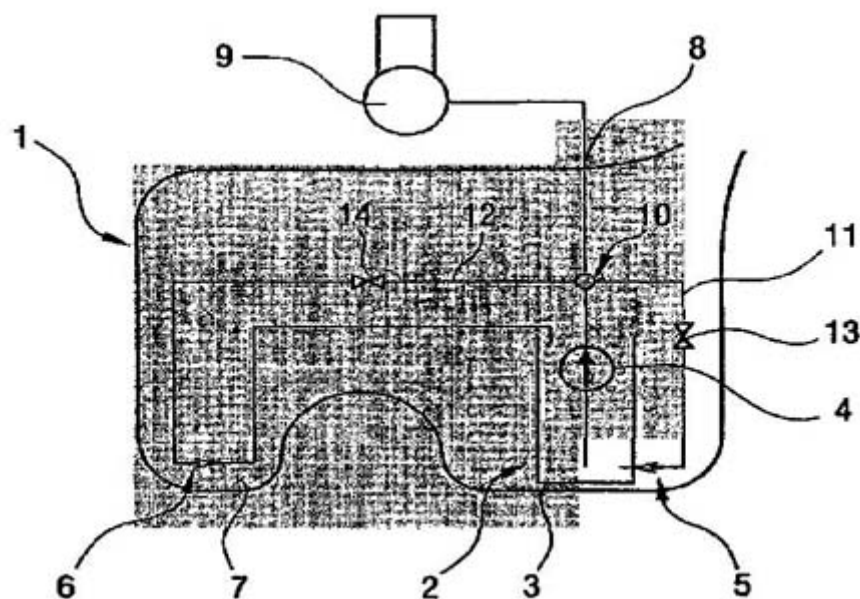
(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
 Address of Applicant :WITTELSBACHERPLATZ 2, 80333
 MUNCHEN, Germany
 (72)**Name of Inventor :**
1)DICKENSCHIED, LOTHER

No of Pages : 10

No of Claims : 6

(57) Abstract :

The invention relates to a fuel feed unit (2) for a motor vehicle, comprising a volume flow reducing valve (13, 14) that is mounted in a pump fluid line (11, 12) leading to a suction jet pump (5, 6). Said volume flow reducing valve (13, 14) reduces the fuel volume flow supplied to the suction jet pump (5, 6) when the feed pressure of the fuel pump (4) increases, thereby avoiding unnecessary feed of fuel to the suction jet pump (5, 6).



(54) Title of the invention : METHOD AND APPARATUS FOR MODIFYING DELIVERY OF A THERAPY IN RESPONSE TO ONSET OF SLEEP

(51) International classification :A61B 5/08 A61N 1/365
 (31) Priority Document No :10/736,370
 (32) Priority Date :15/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/040359
 Filing Date :01/12/2004
 (87) International Publication No :WO 2005/061046
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MEDTRONIC, INC.Address of Applicant :MS LC340, 710 MEDTRONIC PARKWAY,
MINNEAPOLIS, MN 55432 U.S.A.

(72)Name of Inventor :

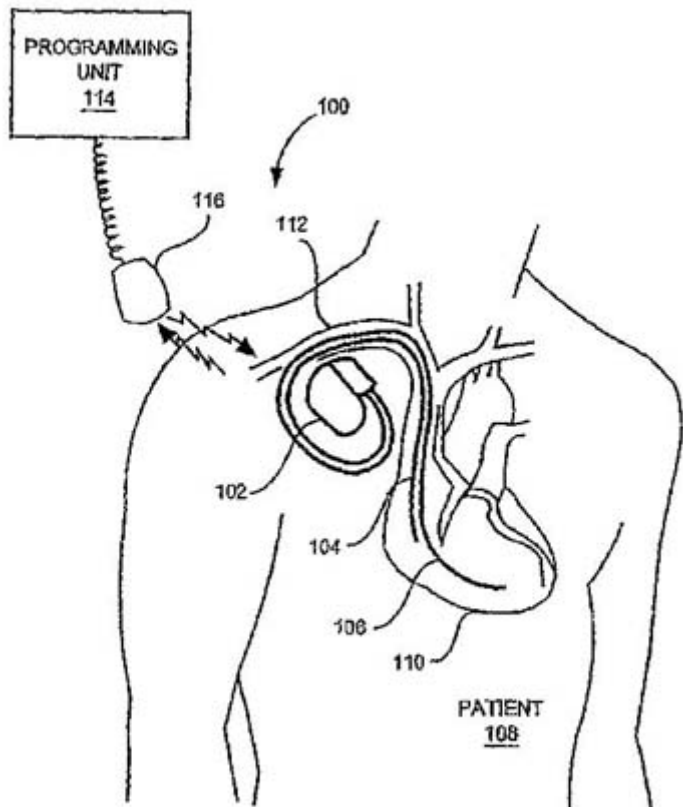
1)CHO, YONG, KYUN**2)MONGEON, LUC, R.****3)JENSEN, DONALD N.**

No of Pages : 59

No of Claims : 39

(57) Abstract :

A method and apparatus for providing a therapy to the patient that includes a therapy component configured to provide the therapy to the patient, sensing circuitry sensing a parameter of the patient, and a microprocessor coupled to the therapy component and the sensing circuitry to determine onset of a first state of the patient in response to the sensed physiologic parameter, and to determine whether the onset of the first state is detected for a predetermined time period.



(54) Title of the invention : OLIGOMERIC COMPOUNDS FOR THE MODULATION OF BCL-2

(51) International classification	:A61K 48/00 ,C12N 15/11	(71) Name of Applicant : 1)SANTARIS PHARMA A/S Address of Applicant :BOGE ALLE 3, DK-2970 HORSHOLM, Denmark
(31) Priority Document No	:PA 2003 01929	(72) Name of Inventor :
(32) Priority Date	:23/12/2003	1)FRIEDEN MIRIAM
(33) Name of priority country	:Denmark	2)HANSEN JENS BO
(86) International Application No	:PCT/DK2004/000917	3)ORUM HENRIK
Filing Date	:23/12/2004	4)WEST ERGAARD MAJKEN
(87) International Publication No	:WO 2005/061710	5)THRUE CHARLOTTE ALBAECK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 111

No of Claims : 25

(57) Abstract :

The present invention provides improved oligomeric compound, in particular oligonucleotide compounds, and methods for modulating the expression of the Bcl-2 gene in humans. In particular, this invention relates to oligomeric compounds of 10-30 nucleobases in length which comprise a target binding domain that is specifically hybridizable to a region ranging from base position N°1459 (5') to N°1476 (3') of the human Bcl-2 mRNA, said target binding domain having the formula: 5'-[DNA/RNA)₀₋₁-(LNA/LNA*)₂₋₇-(DNA/RNA/LNA*)₄₋₁₄-(LNA/LNA*)₂₋₇-(DNA/RNA)₀₋₁]-3' and said target binding domain comprising at least two LNA nucleotides or LNA analogue nucleotides linked by a phosphorothioate group (-O-P(O,S)-O). In particular the oligo is predominantly or fully thiolated. The invention also provides the use of such oligomers or conjugates or chimera for the treatment of various diseases associated with the expression of the Bcl-2 gene, such as cancer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1665/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : CHEWING GUM COMPRISING BIODEGRADABLE POLYMERS AND HAVING ACCELERATED DEGRADABILITY

(51) International classification	:A23G 4/08	(71) Name of Applicant :
(31) Priority Document No	:PCT/DK2003/000939	1)GUMLINK A/S
(32) Priority Date	:30/12/2003	Address of Applicant :DANDYVEJ 19, DK-7100, VEJLE, Denmark
(33) Name of priority country	:Denmark	(72) Name of Inventor :
(86) International Application No	:PCT/DK2003/000939	1)ANDERSEN, LONE
Filing Date	:30/12/2003	2)JENSEN, ERIK
(87) International Publication No	:WO 2005/063037	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 69

No of Claims : 75

(57) Abstract :

The invention relates to chewing gum comprising at least one polymer, chewing gum ingredients and enzymes, wherein at least one of said polymers forms a substrate for at least one of said enzymes. According to the invention the degradation of chewing gum comprising a combination of biodegradable polymers and enzymes is accelerated compared to chewing gum without enzymes. By incorporation of enzymes it is possible to obtain a chewing gum, which is relatively fast degrading compared to chewing gum, which is exposed to normal environmental conditions only.

(54) Title of the invention : HEAT EXCHANGER

(51) International classification	:F28F 9/26,H01L23/473
(31) Priority Document No	:0315257
(32) Priority Date	:23/12/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2004/003332
Filing Date	:22/12/2004
(87) International Publication No	:WO 2005/064245
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)COOLTECH APPLICATIONS
 Address of Applicant :2 RUE DU RHIN, F-68280 ANDOLSHEIM
 France

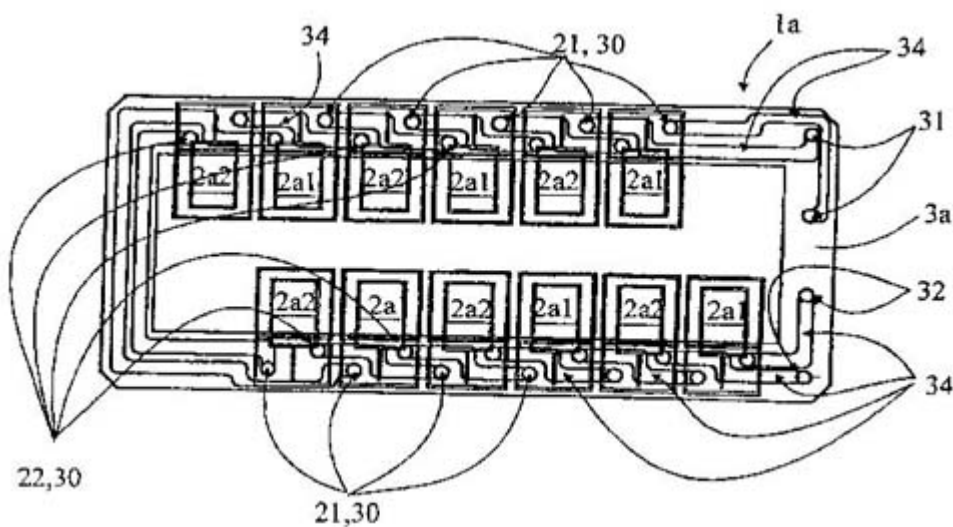
(72)**Name of Inventor :**
1)MULLER CHRISTIAN
2)DUPIN JEAN-LOUIS
3)HEITZLER JEAN-CLAUDE

No of Pages : 39

No of Claims : 16

(57) Abstract :

The invention relates to a heat exchanger permitting, in an efficient, simple and reliable manner and for a moderate cost, the connection in series, in parallel or according to a mixed configuration of thermal elements to one another and to an external circuit while limiting the risks of leakage and the number of connections. The heat exchanger (1a) comprises calorie-emitting and negative calorie-emitting thermal elements (2a1, 2a2) each of which being passed through by a conduit whose inlet orifices (21) and outlet orifices (22) are connected to one another and to at least one thermal fluid circuit by an interface plate (3a") situated above a closing plate (5a) and defining two interface circuits (4a1, 4a2). The interface plate (3a) also comprises two supply orifices (3D and two discharge orifices (32) for connecting the interface circuits to two external circuits hot and cold suited for using the calories and the negative calories recovered from said thermal fluid. The inventive heat exchanger is to be used for cooling, heating, air-conditioning, and regulating temperature in any type of installation.



(54) Title of the invention : COATING FOR PREVENTION OF STICKING OF MARINE LIFE AND METHOD FOR PREPARATION THEREOF

(51) International classification	:C08K 5/00	(71) Name of Applicant :
(31) Priority Document No	:2004-048102	1)FUJITA SANAI
(32) Priority Date	:24/02/2004	Address of Applicant :GREEN PARK KOTESASHI 107, 12-1,
(33) Name of priority country	:Japan	KOTESASHI-CHO, 4-CHOME, TOKOROZAWA-SHI, SAITAMA
(86) International Application No	:PCT/JP2005/002969	3591141 Japan
Filing Date	:17/02/2005	(72) Name of Inventor :
(87) International Publication No	:WO 2005/080516	1)FUJITA SANAI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 7

(57) Abstract :

A coating for preventing the sticking of marine lives which comprises 100 parts by weight of a main agent containing a modified epoxy resin and, as a filler to the resin, a silicon dioxide powder impregnated with a mixed solution obtained by dissolving a fired animal bone powder into a liquid mixture of sulfamic acid and boric acid, and 20 to 30 parts by weight of a curing agent for the above modified epoxy resin; and a method for preparing the coating. The application of a coating material formed by mixing the main agent and the curing agent onto a required portion and the formation of a coating film allows the prevention of the sticking of marine lives onto a ship body, a structure in the sea, a pipe line for receiving or discharging sea water, a port facilities and the like.

(54) Title of the invention : SYSTEM AND METHOD OF INTERWORKING MESSAGES BETWEEN MOBILE COMMUNICATION TERMINALS

(51) International classification :H04Q 7/20
 (31) Priority Document No :10-2004-0025959
 (32) Priority Date :14/04/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/001085
 Filing Date :14/04/2005
 (87) International Publication No :WO 2005/117469
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

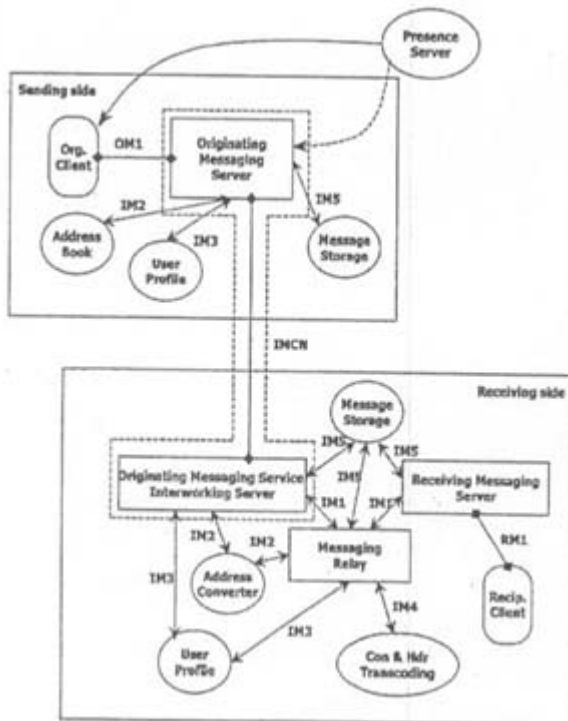
(71)Name of Applicant :
1)LG ELECTRONICS, INC.
 Address of Applicant :20, YOIDO-DONG, YONGDUNGPO-GU,
 SEOUL 150-010 Republic of Korea
 (72)Name of Inventor :
1)SON, SUNG-MU
2)KIM, YOUNG-AE
3)HUH, KANG-SUK
4)KIM, TE-HYUN
5)LEE, HEE-JOUNG
6)SHIM, DONG-HEE

No of Pages : 43

No of Claims : 44

(57) Abstract :

A system for interworking messages of a mobile communications terminal employs a method of receiving by a first messaging service server a multimedia message sent by a first user client of a first messaging service, processing the multimedia message at the first messaging service server and at a second messaging service server, and providing by the second messaging service server the processed multimedia message to a second user client of a second messaging service. The message includes a parameter that indicates the originating messaging service type or the recipient messaging service type as a field or an indicator in the header portion or body portion of the message.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1669/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : ANIONIC HYDROGEL MATRICES WITH PH DEPENDENT MODIFIED RELEASE AS DRUG CARRIERS

(51) International classification	:A61K 9/16	(71) Name of Applicant :
(31) Priority Document No	:RM2004A000168	1)SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A.
(32) Priority Date	:01/04/2004	Address of Applicant :VIALE SHAKESPEARE, 47, I-00144, ROMA
(33) Name of priority country	:Italy	Italy
(86) International Application No	:PCT/IT2005/000081	(72) Name of Inventor :
Filing Date	:16/02/2005	1)GIAMMONA GAETANO
(87) International Publication No	:WO 2005/094792	2)MANDRACCHIA DELIA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 19

(57) Abstract :

Compositions with pH-dependent modified release are described, consisting of hydrogel matrices containing one or more active ingredients, in which said matrices are suitable for releasing said active ingredients in a prolonged manner in given sites of the body.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1670/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :15/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : REINFORCED FLUOROPOLYMER PLATES, PRODUCTION METHODS THEREOF, CORROSION-RESISTANT REACTORS CONTAINING SAID PLATES, PRODUCTION METHODS OF SAME AND FLUORINATION METHODS PERFORMED IN SAID REACTORS

(51) International classification	:C08J 5/18
(31) Priority Document No	:0315624
(32) Priority Date	:31/12/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2004/003169
Filing Date	:09/12/2004
(87) International Publication No	:WO 2005/073292
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ARKEMA

Address of Applicant :4/8, COURS MICHELET, 92800 PUTEAUX, France

(72)Name of Inventor :

1)DEVIC, MICHEL

2)BONNET, PHILIPPE

3)LACROIX, ERIC

4)PERDRIEUX, SYLVAIN

No of Pages : 14

No of Claims : 20

(57) Abstract :

The invention relates to a reinforced fluoropolymer plate comprising a fluoropolymer layer on one of the faces thereof and a carbon fibre sheet on the other face of same, whereby at least part of the carbon fibre sheet is impregnated with fluoropolymer. The invention also relates to an acid-corrosion-resistant chemical reactor comprising said plates, the production methods thereof and the uses of same in processes in superacid media.

(54) Title of the invention : A DIRECT INJECTION TWO-STROKE ENGINE

(51) International classification

:F02B23/10;

F02B25/14

(31) Priority Document No

:03 15612

(32) Priority Date

:31/12/2003

(33) Name of priority country

:France

(86) International Application No

:PCT/FR04/03400

Filing Date

:28/12/2004

(87) International Publication No

:WO/2005/073533

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MAGNETI MARELLI MOTOPROPULSION FRANCESAS

Address of Applicant :9/11, RUE MAURICE RAVEL, 61200

ARGENTAN France

(72)Name of Inventor :

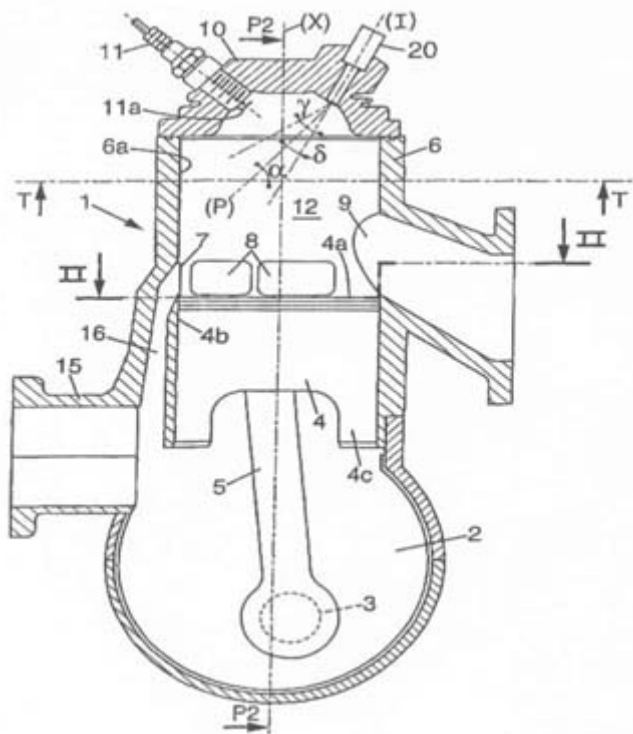
1)PONTOPPIDAN MICHAEL

No of Pages : 19

No of Claims : 8

(57) Abstract :

A two-stroke engine having a combustion chamber (12), a cylinder (6) having an exhaust port (9) on which is centered a first diametrical plane of the cylinder, a piston (4), a cylinder head (10) fitted with a sparkplug (11) on the same side as the exhaust port relative to a second diametrical plane (P2-P2) perpendicular to the first, and an injector (20) adapted to spray a jet of fuel into the combustion chamber, which is on the other side of the second diametrical plane, the jet injection axis (P) being at an angle α from 30° to 70° to a transverse plane (T-T) of the cylinder and an angle p from $+45^\circ$ to -45° to the first diametrical plane. The diffuser angle y of the jet is from 15° to 75° , injection of fuel begins when the crankshaft (3) is from 45° to 20° ahead of closure of the exhaust port (9), and the injection pressure and the orientation of the jet injection axis are determined as a function of the flow of the gases to obtain a stoichiometric air/fuel mixture in the region of the sparkplug at the moment of ignition



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1672/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :16/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD OF USING ALDEHYDE-FUNCTIONALIZED POLYMERS TO ENHANCE PAPER MACHINE DEWATERING

(51) International classification	:D21H 17/06,D21H17/55	(71) Name of Applicant : 1)NALCO COMPANY Address of Applicant :1601 DIEHL ROAD, NAPERVILLE, ILLINOIS 60563-1198 U.S.A.
(31) Priority Document No	:10/764,935	
(32) Priority Date	:26/01/2004	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2005/001566	1)ST. JOHN, MICHAEL R
Filing Date	:21/01/2005	2)ZAGALA, ANGELA P
(87) International Publication No	:WO 2005/072185	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 23

(57) Abstract :

A method of enhancing the dewatering of a paper sheet on a paper machine comprising adding to the paper sheet about 0.05 lb/ton to about 15 lb/ton, based on dry fiber, of one or more aldehyde functionalized polymers comprising amino or amido groups wherein at least about 15 mole percent of the amino or amido groups are functionalized by reacting with one or more aldehydes and wherein the aldehyde functionalized polymers have a molecular weight of at least about 100,000.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1673/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :16/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : CONSUMER CUSTOMIZED DOSAGE FORMS

(51) International classification	:A61K 9/16
(31) Priority Document No	:10/743,127
(32) Priority Date	:22/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/042150
Filing Date	:16/12/2004
(87) International Publication No	:WO 2005/065659
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MCNEIL-PPC, INC
Address of Applicant :GRANDVIEW ROAD, SKILLMAN, NJ 08558
U.S.A.

(72)**Name of Inventor :**
1)FRANK J. BUNICK
2)STEPHAN G. WIET
3)STEPHAN J. SALDUTTI
4)PAUL D. BISIO
5)JEFFREY W. MORRILL

No of Pages : 25

No of Claims : 11

(57) Abstract :

Customizable dosage forms are provided. The flavor, color, sweetness, or texture of the dosage forms may be customized directly by the consumer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1674/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :16/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : CONSUMER CUSTOMIZED DOSAGE FORMS

(51) International classification	:A61K 9/16
(31) Priority Document No	:10/743,126
(32) Priority Date	:22/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/042398
Filing Date	:16/12/2004
(87) International Publication No	:WO 2005/063208
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MCNEIL-PPC, INC.

Address of Applicant :GRANDVIEW ROAD, SKILLMAN, NJ 08558
U.S.A.

(72)**Name of Inventor :**

1)MARNI L. ALLEN

2)FRANK J. BUNICK

3)STEPHAN G. WIET

4)STEPHAN J. SALDUTTI

5)PAUL D. BISIO

6)JEFFREY MORRILL

No of Pages : 24

No of Claims : 12

(57) Abstract :

Customizable dosage forms are provided The flavor, color, sweetness, or texture of the dosage forms may be customized directly by the consumer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1675/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :16/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : SUBSTANCE BINDING HUMAN IGG FC RECEPTOR IIB (FC gamma RIIB)

(51) International classification	:C07K14/705; A61K38/17; A61K39/00; C07K16	(71)Name of Applicant : 1)MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V. Address of Applicant :HOFGARTENSTR. 8, 80539 MUNCHEN, Germany
(31) Priority Document No	:03027000.3	(72)Name of Inventor :
(32) Priority Date	:26/11/2003	1)HUBER, ROBERT
(33) Name of priority country	:EPO	2)SONDERMANN, PETER,
(86) International Application No	:PCT/EP04/013450	3)JACOB, UWE,
Filing Date	:26/11/2004	4)WENDT, KERSTIN
(87) International Publication No	:WO 2005/051999	5)CHIARA, CABRELE
(61) Patent of Addition to Application Number	:NA	6)MORODER, LUIS,
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 43

No of Claims : 53

(57) Abstract :

The invention relates to novel immunogens carrying conformationally discriminating epitopes (CDEs) and to immunization methods for producing antibodies that specifically recognize proteins with very closely related homologues In particular, the invention relates to antibodies which are specific for either FcγRIIb or FcγRIIa

(54) Title of the invention : SYSTEM AND METHOD FOR PLANNING AND TRACKING CERTIFICATION

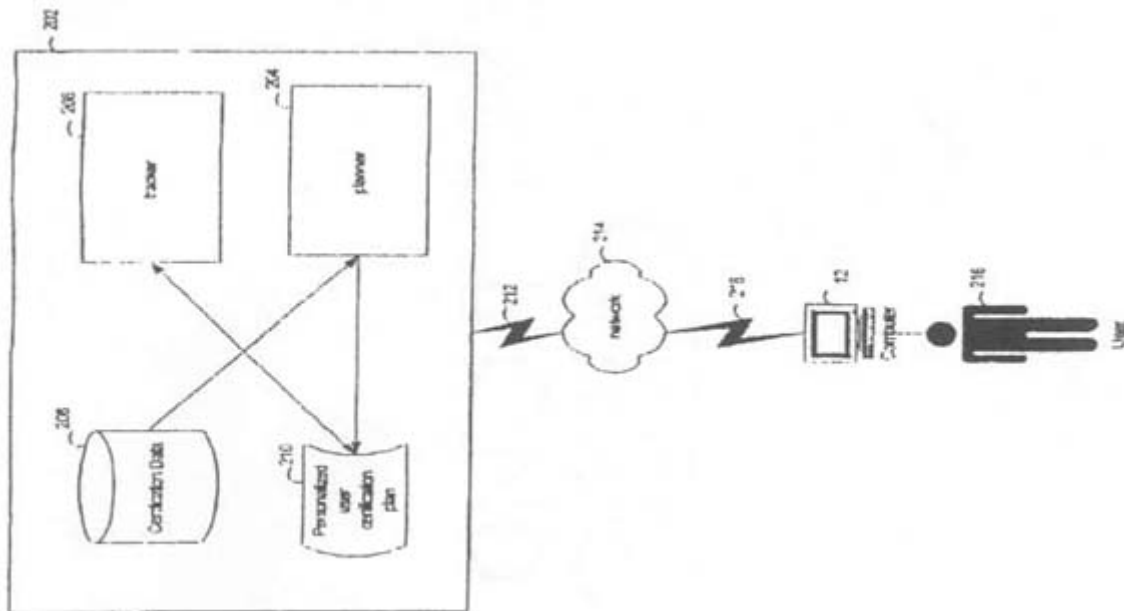
(51) International classification	:B62J 15/02	(71)Name of Applicant :
(31) Priority Document No	:PCT/US2003/036782	1)LAUREATE EDUCATION, INC.
(32) Priority Date	:18/11/2003	Address of Applicant :1001 FLEET STREET, BALTIMORE, MD
(33) Name of priority country	:U.S.A.	20202 U.S.A.
(86) International Application No	:PCT/US2003/036782	(72)Name of Inventor :
Filing Date	:18/11/2003	1)KIM HAE YUNG
(87) International Publication No	:WO 2005/062278	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 39

No of Claims : 18

(57) Abstract :

A system and method for planning and tracking certification comprises generating one or more certification goals by a planner (204) based on a user profile and an authority profile associated with a certification authority. The planner (204) is responsive IO user (216) selection of one or more of the generated certification goals for creating a certification plan (210). A tracker (206) that updates the certification plan (210) in response to input regarding achievement of the one or more selected certification goals.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1677/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :16/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : SWIVELLABLE ELECTRIC SOCKET-PLUG COMBINATION

(51) International classification	:H01R 39/00
(31) Priority Document No	:159032
(32) Priority Date	:24/11/2003
(33) Name of priority country	:Israel
(86) International Application No	:PCT/US2004/039399
Filing Date	:22/11/2004
(87) International Publication No	:WO 2005/053100
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SAFETY QUICKLIGHT LTD.

Address of Applicant :HAYARKON STREET 167, 63451 TEL AVIV,
Israel

(72)**Name of Inventor :**

1)KOHEN RAN

No of Pages : 12

No of Claims : 7

(57) Abstract :

A fixable socket (10) has a plug (12) revolvable therein for conducting electric power. The plug (12) mechanically supports in a desired orientation an appliance (14) receiving power from the plug (12). A central releasable latching mechanism (16) allows partial or total withdrawal of the plug. Partial withdrawal is used to change the support angle of the appliance (14). Total withdrawal is used to transfer the appliance 14 to another location.

(54) Title of the invention : MEHTOD AND DEVICE FOR BACKING UP PERSONAL DATA OF A TELECOMMUNICATIONS NETWORK SUBSCRIBER, AND ASSOCIATED SERVER

(51) International classification	:H04Q 7/32	(71) Name of Applicant :
(31) Priority Document No	:03/51130	1)GEMPLUS
(32) Priority Date	:19/12/2003	Address of Applicant :AVENUE DU PIC DE BERTAGNE, PARC
(33) Name of priority country	:France	D'ACTIVITE DE GEMENOS, F-13420 GEMENOS, France
(86) International Application No	:PCT/EP2004/053507	(72) Name of Inventor :
Filing Date	:15/12/2004	1)MARTIN, CHRISTOPHE
(87) International Publication No	:WO 2005/069659	2)SCHIRAR, STEPHANE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 10

(57) Abstract :

The invention concerns a method for backing up personal data of a wireless communications network subscriber, the data being saved in a mobile communications device and backed up in a server of the network, during which a first subset of data is prepared from a set to be saved by the card and is transmitted to the server for backing up. The invention is characterised in that it comprises an asynchronous backup mode according to which, after the transmission of a subset of data to be backed up on the server, the backup is delayed for a certain period of time in order to free the mobile for the user, and the backup is resumed at the end of this period. The invention also concerns an associated server and a portable wireless communications device.



(54) Title of the invention : METHOD AND APPARATUS FOR FACILITATING WIRELESS PRESENCE BASED SERVICES

(51) International classification :H04L 12/56
 (31) Priority Document No :10/758,735
 (32) Priority Date :16/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/000858
 Filing Date :11/01/2005
 (87) International Publication No :WO 2005/072494
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

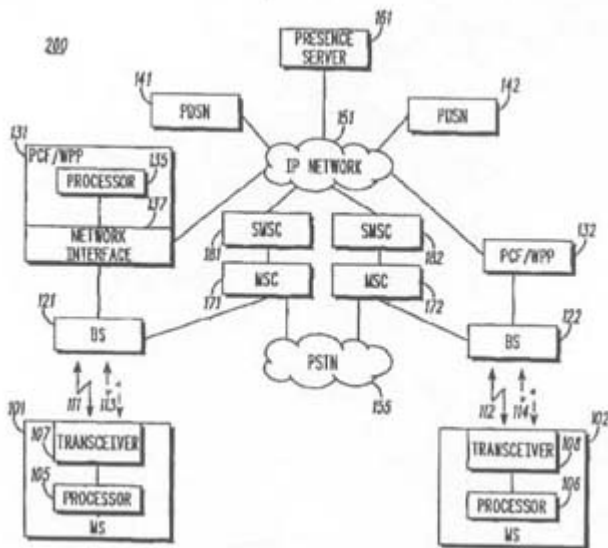
(71)Name of Applicant :
1)MOTOROLA ,INC
 Address of Applicant :1303 EAST ALGONQUIN ROAD,
 SCHAUMBURG, ILLINOIS 60196 U.S.A.
 (72)Name of Inventor :
1)CROCKER RONALD T.
2)HARRIS JOHN M.
3)HART THOMAS B.

No of Pages : 26

No of Claims : 10

(57) Abstract :

The need to facilitate wireless presence-based services more efficiently is addressed by embodiments of the present invention. In general, a wireless presence proxy (WPP) (131) caches presence updates (such as buddy list presence updates) from a presence server (161) for a mobile station (MS) (101). The WPP maintains presence information, which reflects the presence updates received, for transfer to the MS when an update condition exists. Thus, updates are made when, for example, a resource-efficient condition is present, such as the assignment of a traffic channel for other call activity. The WPP also updates the presence server, on behalf of the MS, when the MS presence status changes. In this manner, the embodiments described are able to reduce the system resources required to facilitate wireless presence-based services



(54) Title of the invention : CARTRIDGE ELEMENT FOR DUST COLLECTOR

(51) International classification	:B01D 46/52
(31) Priority Document No	:2003-421727
(32) Priority Date	:19/12/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/018648
Filing Date	:14/12/2004
(87) International Publication No	:WO 2005/061077
(61) 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-KEN, Japan

(72)Name of Inventor :

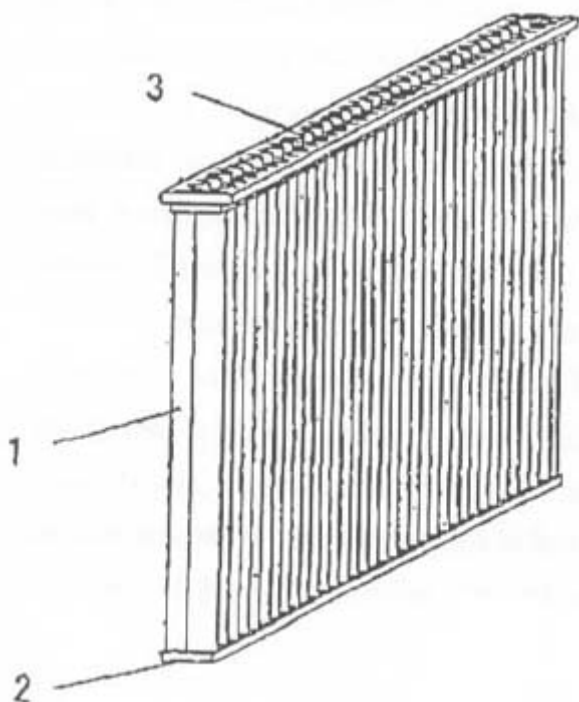
1)IKENO HIDENORI**2)WATANABE HIROAKI****3)KITAHORA KAZUHIKO**

No of Pages : 36

No of Claims : 24

(57) Abstract :

A cartridge element and a dust collector is provided that can achieve a decrease in the size of a dust collector using a cartridge element, can effectively disperse dust, can be easily used, and has a simple structure. The cartridge element is a plate-type element and comprises a planate filter 1 composed of a cylindrically formed pleated filter medium, a cap 2 that maintains the pleats and the opening of it in a planate shape, an upper-end member 3, and a reinforcing material 4 that is made by pipes or a round bar that is made by resin.



(54) Title of the invention : METHOD AND DEVICE FOR PRE-SAVING PERSONAL DATA FOR A SUBSCRIBER TO A TELECOMMUNICATIONS NETWORK

(51) International classification :H04L29/06
:H04L29/08
(31) Priority Document No :03/51132
(32) Priority Date :19/12/2003
(33) Name of priority country :France
(86) International Application No :PCT/EP2004/053518
Filing Date :15/12/2004
(87) International Publication No :WO 2005/069651
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)GEMPLUS

Address of Applicant :AVENUE DU PIC DE BERTAGNE, PARC D'ACTIVITE DE GEMENOS, F-13420, GEMENOS France

(72)Name of Inventor :

1)MARTIN, CHRISTOPHE

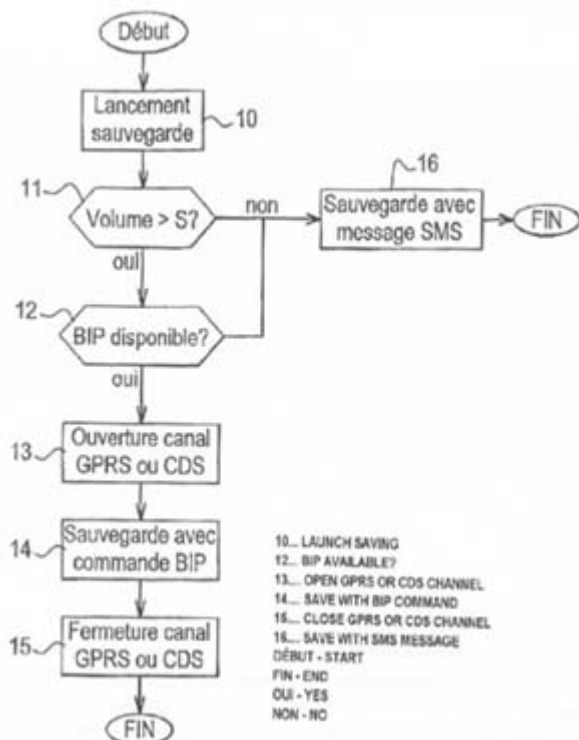
2)SCHIRAR, STEPHANE

No of Pages : 18

No of Claims : 10

(57) Abstract :

The invention relates to a method for saving personal data for a subscriber to a wireless communication network, the data being memorised in a mobile communication station and saved in a network server by means of a first communication channel (9) and in a first saving mode. The method is characterised in comprising at least the following steps: it is determined whether the mobile device may establish a second communication channel and/or has an other mode of saving and, if so, communication is opened on said second channel and/or according to said other mode and the data is saved by means of said second communication channel and/or said other mode. The invention further relates to a device comprising a corresponding saving programme.



(54) Title of the invention : A HYDROMETALLURGICAL SEPARATION PROCESS OF STEEL MILL ELECTRIC ARC FURNACE (EAF) DUST AND THE PIGMENTS OBTAINED BY THE PROCESS

(51) International classification :C09C 1/22
 (31) Priority Document No :2,453,005
 (32) Priority Date :17/12/2003
 (33) Name of priority country :Canada
 (86) International Application No :PCT/CA2004/002147
 Filing Date :16/12/2004
 (87) International Publication No :WO 2005/059038
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)FERRINOV INC.

Address of Applicant :1075, COTE DU BEAVER HALL, BUREAU
 200, MONTREAL, QU H2Z 1S5 Canada

(72)Name of Inventor :

1)MORENCY, MAURICE

2)SHAN GUOJI

3)FONTAINE, DENISE

No of Pages : 83

No of Claims : 30

(57) Abstract :

A hydrometallurgical process for the treatment of steel mill electric arc furnace (EAF) dust containing agglomerates of small ferrite particles and larger magnetite particles, the process comprising the steps of: a) washing the EAF dust in water to dissolve soluble salts, metals and simple oxides contained in the dust, said washing step being performed under agitation and with an alkaline pH; b) decanting the solution of step a) to obtain a supernatant liquid containing the dissolve salts, metals and simple oxides and a slurry containing ferrites and magnetites, a non toxic amount of leachable lead and a reduced amount of calcium; c) separating the slurry and the supernatant liquid; d) adding to the slurry obtained in step c) an anionic surfactant to disperse the ferrite particles adsorbed on the magnetite particles; and e) treating the slurry from step d) to produce pigments selected from the group consisting of ferrite pigments, magnetite pigments and ferrite/magnetite pigments.

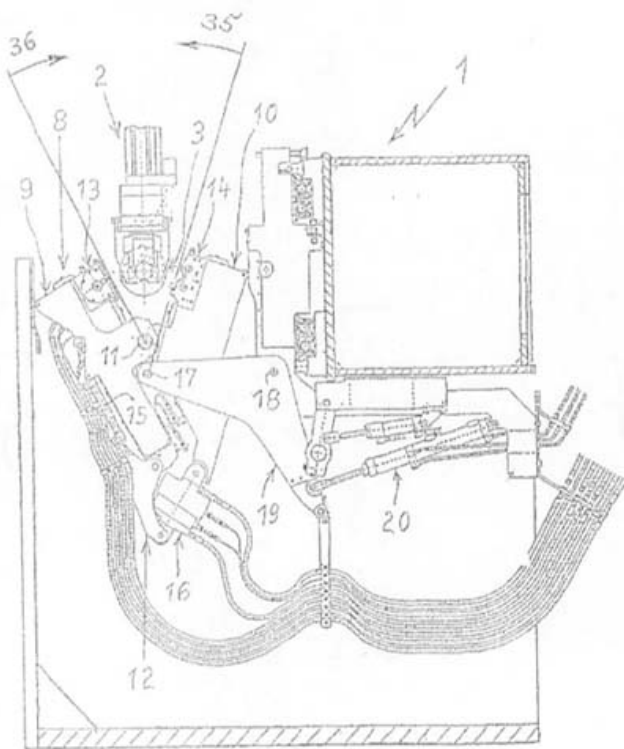
(51) International classification	:B24B5/42; B24B39/04	(71)Name of Applicant :
(31) Priority Document No	:103 61 738.8	1)Hegenscheidt-MFD GmbH & Co.KG
(32) Priority Date	:29/12/2003	Address of Applicant :Hegenscheidt Platz 41812 Erkelenz Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP04/014525	1)Alfred HEIMANN
Filing Date	:21.12.2004	
(87) International Publication No	:WO 2005/063438	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 6

(57) Abstract :

The present invention relates to the deep rolling apparatus (8) of a deep rolling machine 1 for crankshafts (3) in which two arms (9, 10) across from each other support a deep rolling head (13) or a support roller head (14). The support roller head (14) has two support rollers (21, 22) with parallel axes and the deep rolling head (13) has two work rollers (23, 24) entering the radii or fillets of the main bearing or crank pin journals or journals of the crankshafts (3). In one embodiment of the deep rolling apparatus (8) in scissor-like construction an axial guide roller (27) is provided on the deep rolling head (13) and is centered relative to the deep rolling head (13), its axis of rotation being perpendicular to the axis of rotation of the crankshaft (3). The axial guide roller (27) has a diameter that is slightly smaller than the distance between two oil collars (25, 26) of a main crank pin journal (5) of the crankshaft.



(54) Title of the invention : GEARBOX ARRANGEMENT FOR A VEHICLE

(51) International classification

:F16H57/04;
F16H57/04

(31) Priority Document No

:103 59 109.5

(32) Priority Date

:17/12/2003

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP04/053506

Filing Date

:15/12/2004

(87) International Publication No

:WO 2005/059409

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DEERE & COMPANYAddress of Applicant :ONE JOHN DEERE PLACE MOLINE, IL
61265-8098 U.S.A.

(72)Name of Inventor :

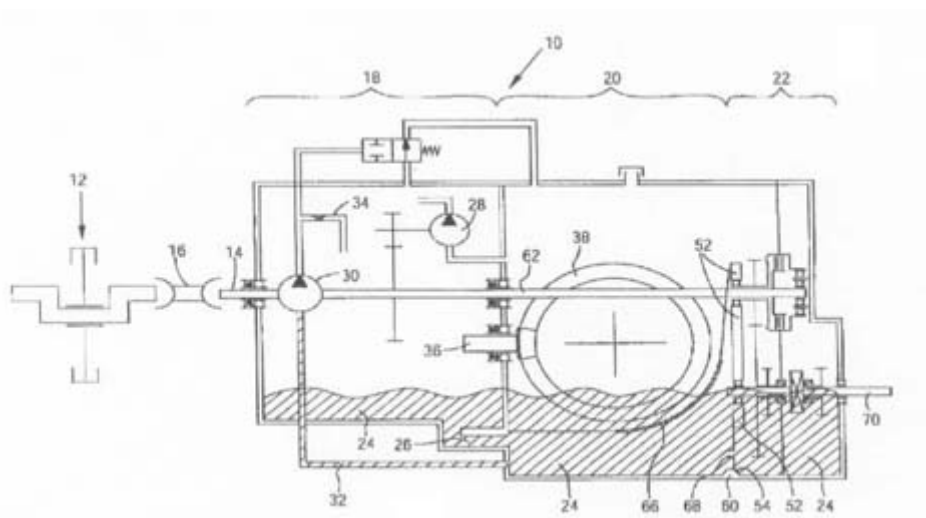
1)VIKTOR REIS**2)Walter Hauck****3)Manfred Rimkus****4)Helmut Schafer**

No of Pages : 13

No of Claims : 10

(57) Abstract :

The invention relates to a gearbox arrangement (10) for a vehicle, preferably an industrial or agricultural goods vehicle. The gearbox arrangement (10) can be at least partially lubricated with lubricant (24) from a lubricant sump and comprises at least two gearbox sections (20,22). Each gearbox section (20, 22) comprises a gearbox housing part (44, 46). The gearbox housing parts (44,46) of the two gearbox sections (20,22) are adjacent to each other and form part of a lubricant sump. In a normal operational mode, one or the other gearbox section (20, 22) can normally be operated. According to the invention, separating means (42) is provided between the two gearbox sections (20, 22) in order to reduce losses occurring in the gearbox arrangement (10) due to splashing for at least in most operational states of the vehicle, without substantially increasing the amount of construction space provided for the gearbox arrangement (10), said separating means being used to separate the two gearbox sections (20, 22) from each other in an at least partial manner. Lubricant (24) can be retained in the housing part (44,46) whereby the gearbox section (20,22) thereof is not operated in a momentary state of operation or operated at a low speed.



(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING DISPERSIONS

(51) International classification	:B01F 13/10,B01F 3/12	(71) Name of Applicant : 1)DEGUSSA AG
(31) Priority Document No	:10360766.8	Address of Applicant :BENNIGSENPLATZ 1, 40474 DUSSELDORF,
(32) Priority Date	:23/12/2003	Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2004/013609	1)DR. WOLFGANG LORTZ
Filing Date	:01/12/2004	2)DR. CHRISTOPH BATZ-SOHN
(87) International Publication No	:WO 2005/063369	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 15

(57) Abstract :

Method and device for producing dispersions A method and device for producing a finely divided dispersion of solids having a mean particle size of 10 nm to 10 µm, in which at least two flows of a predispersion are sprayed by means of pumps, preferably high-pressure pumps, through one nozzle each into a grinding chamber enclosed by a reactor housing onto a collision point, wherein the grinding chamber is flooded with the predispersion and the finally divided dispersion is removed from the grinding chamber by the overpressure of the predispersion continuing to flow into the grinding chamber.

(54) Title of the invention : FILM FOR PACKING LIQUIDS OR THE LIKE AND METHOD FOR MANUFACTURING SUCH A FILM

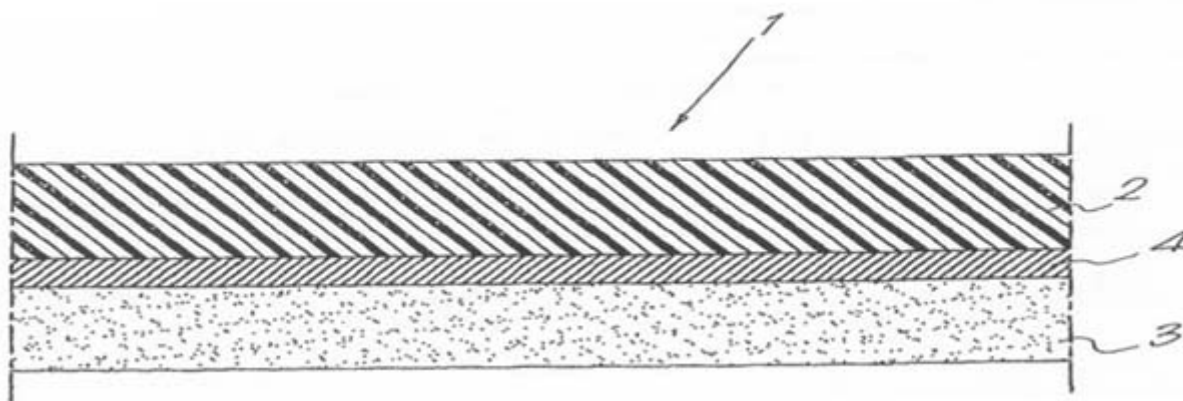
(51) International classification	:B29D 7/01	(71)Name of Applicant :
(31) Priority Document No	:PCT/BE03/000226	1)TEKNI-PLEX EUROPE NV
(32) Priority Date	:18/12/2003	Address of Applicant :INDUSTRIEZONE 3 B-9320 EREMBODEGEM
(33) Name of priority country	:Belgium	Belgium
(86) International Application No	:PCT/BE03/000226	(72)Name of Inventor :
Filing Date	:18/12/2003	1)DECLERCK, Johan, Willy
(87) International Publication No	:WO 2005/058586	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 12

(57) Abstract :

Film for packaging liquid products or the like, which mainly consists of a first polyolefin layer, a jointing layer and a layer of polychlorotrifluoroethylene (PCTFE), characterized in that the PCTFE Layer (3) has a thickness-of at least 10 micrometer (urn) and whereby the film (1) is obtained by means of extrusion lamination.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1687/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : AMINO SUBSTITUTED PYRIDINYL METHANONE COMPOUNDS USEFUL IN TREATING KINASE DISORDERS

(51) International classification	:A61K 31/44
(31) Priority Document No	:60/523,478
(32) Priority Date	:19/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/036880
Filing Date	:04/11/2004
(87) International Publication No	:WO 2005/051387
(61) 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 N.V.

Address of Applicant :TURNHOUTSEWEG 30, B-2340 BEERSE,
Belgium

(72)Name of Inventor :

1)RONGHUI LIN

2)STEVEN K. WETTER

3)YANHUA LU

4)PETER J. CONNOLLY

5)STUART EMANUEL

6)ROBERT H. GRUNINGER

7)STEVEN A. MIDDLETON

No of Pages : 64

No of Claims : 14

(57) Abstract :

The present invention provides amino substituted pyridinyl methanone compounds; pharmaceutical compositions comprising the compounds and methods of synthesis thereof. The compounds, which are cyclin dependent kinase (CDK) inhibitors, can be used to treat or ameliorate CDK mediated disorders. The invention thus also provides the therapeutic or prophylactic use of the compounds and/or pharmaceutical compositions to treat such disorders.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1688/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : PHARMACEUTICAL PREPARATION COMPRISING AN ANTIBODY AGAINST THE EGF RECEPTOR

(51) International classification	:A61K47/02; A61K47/10; A61K47/12; A61K47/	(71)Name of Applicant : 1)MERCK PATENT GMBH Address of Applicant :FRANKFURTER STRASSE 250, 64293 DARMSTADT Germany
(31) Priority Document No	:10355251.0	(72)Name of Inventor :
(32) Priority Date	:26/11/2003	1)MAHLER, HANNS-CHRISTIAN
(33) Name of priority country	:Germany	2)MULLER, ROBERT
(86) International Application No	:PCT/EP2004/012044	
Filing Date	:26/10/2004	
(87) International Publication No	:WO 2005/058365	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 16

(57) Abstract :

The invention relates to an aqueous pharmaceutical preparation comprising an antibody against endothelial growth factor receptor (EGF receptor). The preparation has increased storage stability, even at elevated temperatures, and can be used for the treatment of tumors.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1689/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD FOR THE MODIFICATION OF CHIRAL LIQUID-CRYSTAL FILMS WITH THE AID OF EXTRACTANTS

(51) International classification	:C08J 7/02
(31) Priority Document No	:03026750.4
(32) Priority Date	:21/11/2003
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP04/012466
Filing Date	:04/11/2004
(87) International Publication No	:WO 2005/049703
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KBA-METRONIC AG,

Address of Applicant :BEHZSTR. 11, 97209 VEITSHOCHHEIM
Germany

(72)Name of Inventor :

1)JUNTZ, MATTHIAS,

2)HAMMOND-SMITH, ROBERT

3)RIDDLE, RODNEY,

4)PATRICK, JOHN

5)UKELIS, MICHAEL,

6)SCHMITZER, SIEGFRIED

7)SCHAMITT, PETER,

No of Pages : 35

No of Claims : 27

(57) Abstract :

The invention relates to a method in which a chiral liquid-crystal layer is brought into contact with an extraction medium (extractant) by coating 01 printing methods in such a way that diffusion of substances out of the liquid-crystal layer into the extractant occurs

(54) Title of the invention : LINK ADAPTATION FOR POINT-TO-MULTIPOINT CHANNEL

(51) International classification :H04Q 7/20,H04L 12/56
 (31) Priority Document No :10/717,918
 (32) Priority Date :21/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/SE2004/001650
 Filing Date :12/11/2004
 (87) International Publication No :WO 2005/051032
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

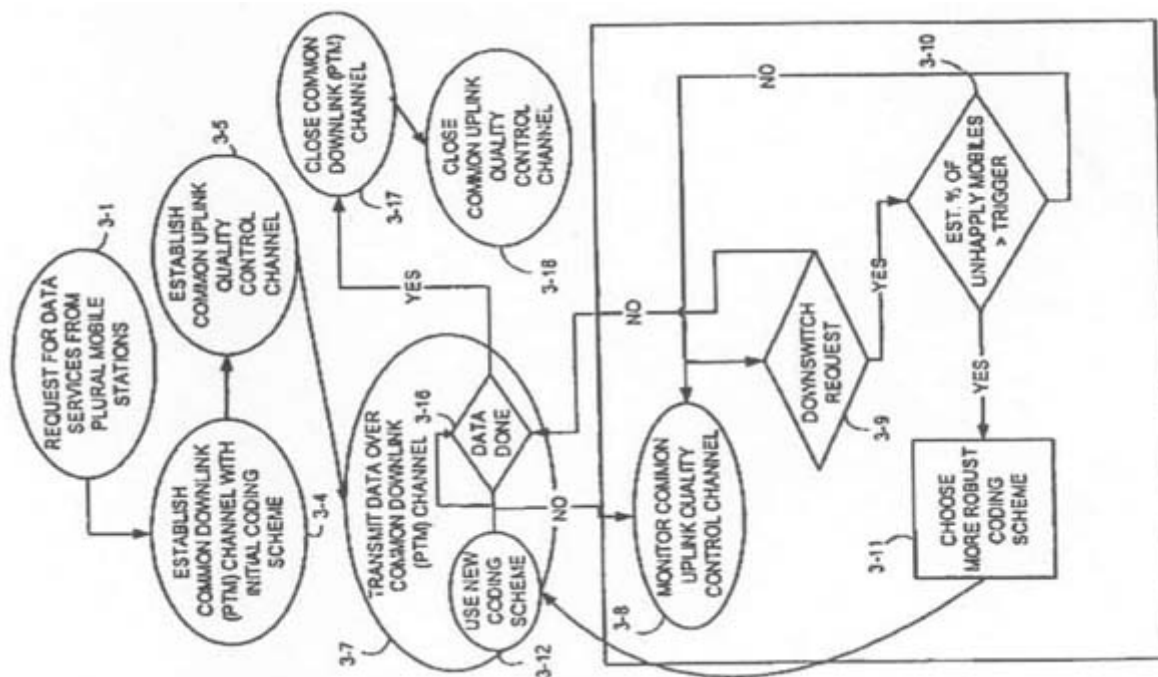
(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
 Address of Applicant :S-164 83 Stockholm Sweden
 (72)Name of Inventor :
1)ERIKSSON, Stefan G
2)EKSTROM, Hannes
3)SCHIEDER, Andreas
4)WIEMANN, Henning

No of Pages : 32

No of Claims : 8

(57) Abstract :

A network node (28) of a wireless telecommunication network (20) uses a first coding scheme (selected from plural possible coding schemes) for encoding of a point-to-multipoint (PTM) transmission carried to plural mobile stations (30) on a common downlink channel (32). The mobile stations (30) receiving the point-to-multipoint transmission on the common downlink channel (32) evaluate the link quality of the point-to-multipoint transmission. Feedback from the plural mobile stations (30) regarding the link quality of the point-to-multipoint transmission is provided to the network node (28) on a common uplink channel (36). A controller (48) at the network node (28) monitors information received on the common uplink channel for feedback regarding the link quality of the point-to-multipoint transmission. The controller (48) at the network node (28) uses the feedback to determine whether to change from the first coding scheme to a second coding scheme for the encoding of the point-to-multipoint transmission to the plural mobile stations (30).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1692/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : PUBLIC ACCESS POINT

(51) International classification	:H04L12/28 :H04L9/32	(71) Name of Applicant : 1)CRANITE SYSTEMS, INC. Address of Applicant :6620 VIA DEL ORO, 2ND FLOOR, SAN JOSE, CA 95119 U.S.A.
(31) Priority Document No	:10/754,402	(72) Name of Inventor :
(32) Priority Date	:09/01/2004	1)VOLPANO, DENNIS, MICHAEL
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2004/042078	
Filing Date	:14/12/2004	
(87) International Publication No	:WO 2005/069784	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 49

(57) Abstract :

The invention instantiates a Personal VLAN bridge, using IEEE.Std. 802.11 elements The result is a bridge. referred to as a public access point, that it better suited (or implementing public wireless data networks than the IEEE Std 802.11 architecture The invention also provides a location update protocol for updating the forwarding tables of bridges that connect public access points together. The invention further provides a method for more controlled bridging, which is referred to as fine bridging

(54) Title of the invention : SIGNAL PROCESSING TECHNIQUE FOR IMPROVED FLAME SCANNER DISCRIMINATION

(51) International classification :F23N 5/08
 (31) Priority Document No :60/528,736
 (32) Priority Date :11/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/040448
 Filing Date :03/12/2004
 (87) International Publication No :WO 2005/061960
 (61) 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 INC.

Address of Applicant :501, MERRITT 7, NORWALK, CT 06856 U.S.A.

(72)Name of Inventor :

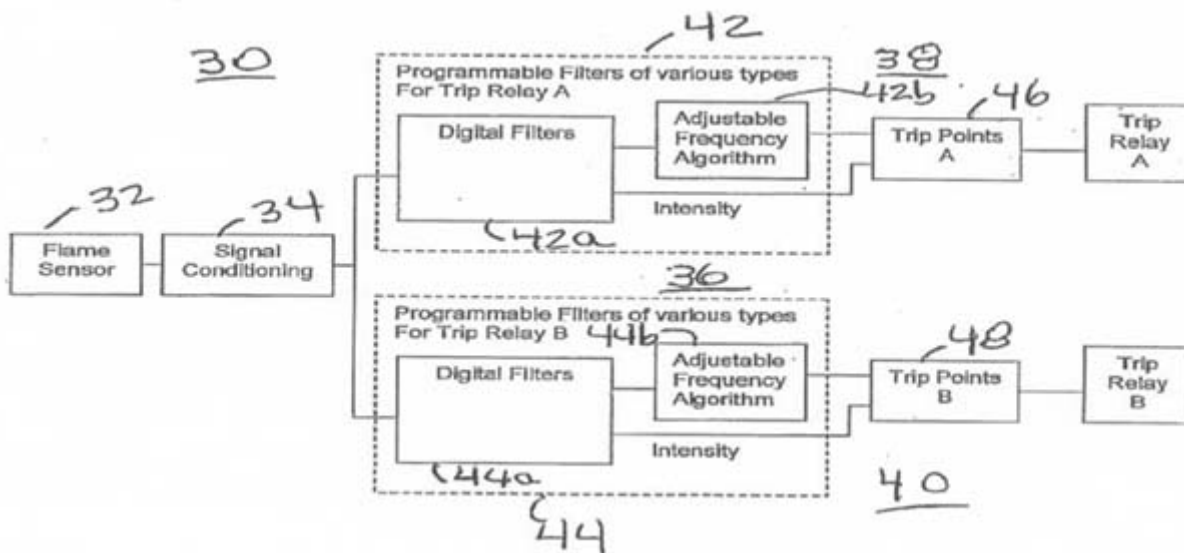
1)CHASE, PAUL H.**2)NIZIOLEK, JAMES M.****3)GRAYSON, TERRY M.****4)ROSSANO, GREGORY F.**

No of Pages : 13

No of Claims : 9

(57) Abstract :

A signal processing technique that allows the flame signal from a first source of flame and the flame signal from a second source of flame to be discriminated from each other when only both the first and second flame signals are viewed by the same flame scanner. The signal from the flame scanner is processed to enhance one or more of the attributes associated with the first flame and is simultaneously processed to enhance one or more attributes associated with the second flame.



(54) Title of the invention : SOFT TISSUE IMPLANTS AND ANTI-SCARRING AGENTS

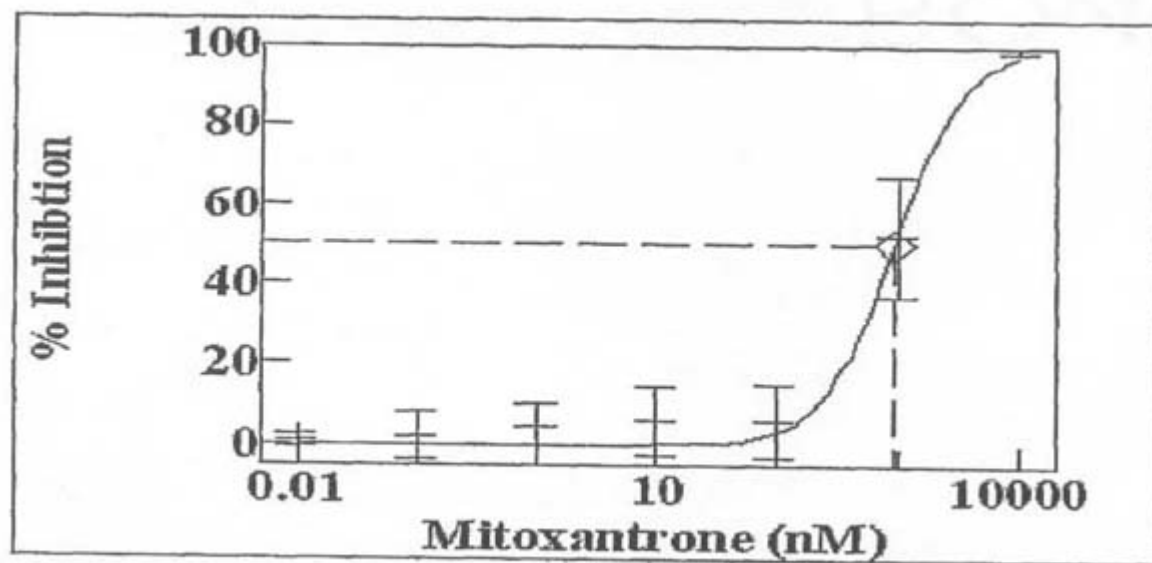
(51) International classification	:A61L27/00; A61B5/00; A61L27/54; A61L31/0	(71)Name of Applicant : 1)ANGIOTECH INTERNATIONAL AG Address of Applicant :BUNDESPLATZ 1, CH-6304 ZUG Switzerland
(31) Priority Document No	:60/523,908	(72)Name of Inventor :
(32) Priority Date	:20/11/2003	1)HUNTER, WILLIAM L,
(33) Name of priority country	:U.S.A.	2)GRAVETT, DAVID M
(86) International Application No	:PCT/US2004/039346	3)TOLEIKIS, PHILIP, M
Filing Date	:22/11/2004	4)MAITI, ARPITA
(87) International Publication No	:WO 2005/051232	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 427

No of Claims : 42

(57) Abstract :

Soft tissue implants (e.g., breast, pectoral, chin, facial, lip, and nasal implants) are used in combination with an anti-scarring agent in order to inhibit scarring that may otherwise occur when the implant is placed within an animal.



Mitoxantrone IC₅₀=927 nM for Greiss assay in RAW 264.7 cells.

(54) Title of the invention : ELECTRICAL DEVICES AND ANTI-SCARRING AGENTS

(51) International classification :A61B 5/00
 (31) Priority Document No :60/523,908
 (32) Priority Date :20/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/039183
 Filing Date :22/11/2004
 (87) International Publication No :WO 2005/051483
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

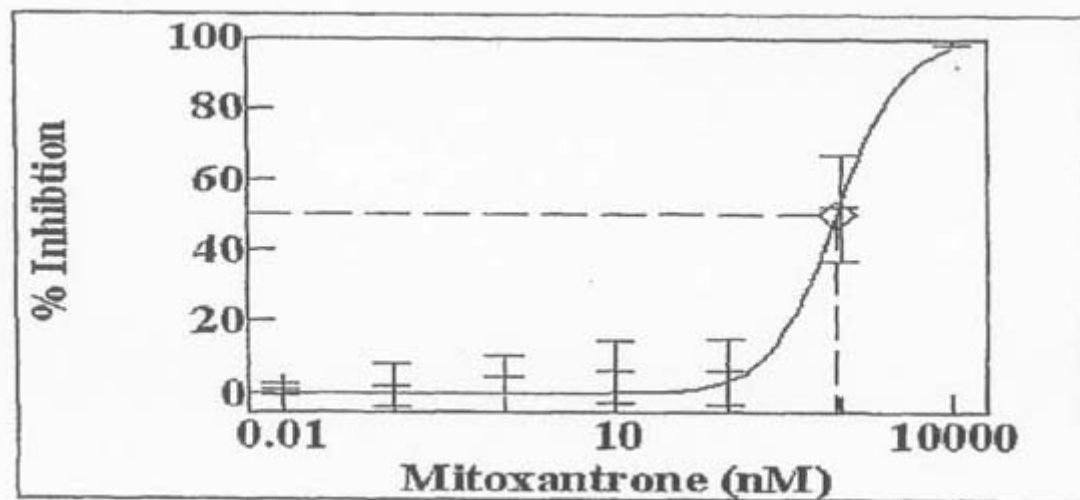
(71)Name of Applicant :
1)ANGIOTECH INTERNATIONAL AG
 Address of Applicant :BUNDESPLATZ 1, CH-6304 ZUG Switzerland
 (72)Name of Inventor :
1)HUNTER, WILLIAM, L
2)GRAVETT, DAVID M
3)TOLEIKIS, PHILIP, M
4)MAITI, ARPITA

No of Pages : 492

No of Claims : 45

(57) Abstract :

Electrical devices (e.g., cardiac rhythm management and neurostimulation devices) for contact with tissue are used in combination with an anti-scarring agent (e.g., a cell cycle inhibitor) in order to inhibit scarring that may otherwise occur when the devices are implanted within an animal.



Mitoxantrone IC₅₀=927 nM for Greiss assay in RAW 264.7 cells.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1696/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : POLYMER COMPOSITIONS AND METHODS FOR THEIR USE

(51) International classification :A61L 31/00
(31) Priority Document No :60/523,908
(32) Priority Date :20/11/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/039491
Filing Date :22/11/2004
(87) International Publication No :WO 2005/051316
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ANGIOTECH INTERNATIONAL AG
Address of Applicant :BUNDESPLATZ 1, CH-6304 ZUG. Switzerland
(72)**Name of Inventor :**
1)HUNTER, WILLIAM L.
2)GRAVETT, DAVID M.
3)TOLEIKIS, PHILIP M.
4)MAITI, ARPITA
5)LIGGINS, RICHARD, T.
6)TAKACS-COX, ANIKO
7)AVELAR, RUI
8)LOSS, TROY, A., E.
9)GUAN, DECHI
10)WANG, KAIYUE

No of Pages : 1056

No of Claims : 83

(57) Abstract :

Compositions comprising anti-fibrotic agent(s) and/or polymeric compositions can be used in various medical applications including the prevention of surgical adhesions,, treatment of inflammatory arthritis, treatment of scan and keloids, the treatment of vascular disease, and the prevention of cartilage loss,

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1697/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :19/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : COMBINATION DRUG THERAPY TO TREAT OBESITY

(51) International classification	:A61K 31/66
(31) Priority Document No	:60/523,610
(32) Priority Date	:19/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/038981
Filing Date	:19/11/2004
(87) International Publication No	:WO 2005/051297
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)THERACOS, INC.

Address of Applicant :550 DEL REY AVENUE, SUNNYVALE, CA
94085 U.S.A.

(72)**Name of Inventor :**

1)SEED, JOHN, C.

No of Pages : 47

No of Claims : 57

(57) Abstract :

Provided are methods of achieving desirable weight loss in an overweight or obese individual by administering at least one anticholinesterase agent and at least one antidepressant. The invention also provides for pharmaceutical compositions and kits for simultaneous delivery of at least one anticholinesterase agent and at least one antidepressant.

(54) Title of the invention : IMPLANTABLE SENSORS AND IMPLANTABLE PUMPS AND ANTI-SCARRING AGENTS

(51) International classification	:C07D213/64
(31) Priority Document No	:60/523,908
(32) Priority Date	:20/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/039353
Filing Date	:22/11/2004
(87) International Publication No	:WO 2006/055008
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ANGIOTECH INTERNATIONAL AG
 Address of Applicant :BUNDESPLATZ 1, CH-6304 ZUG Switzerland

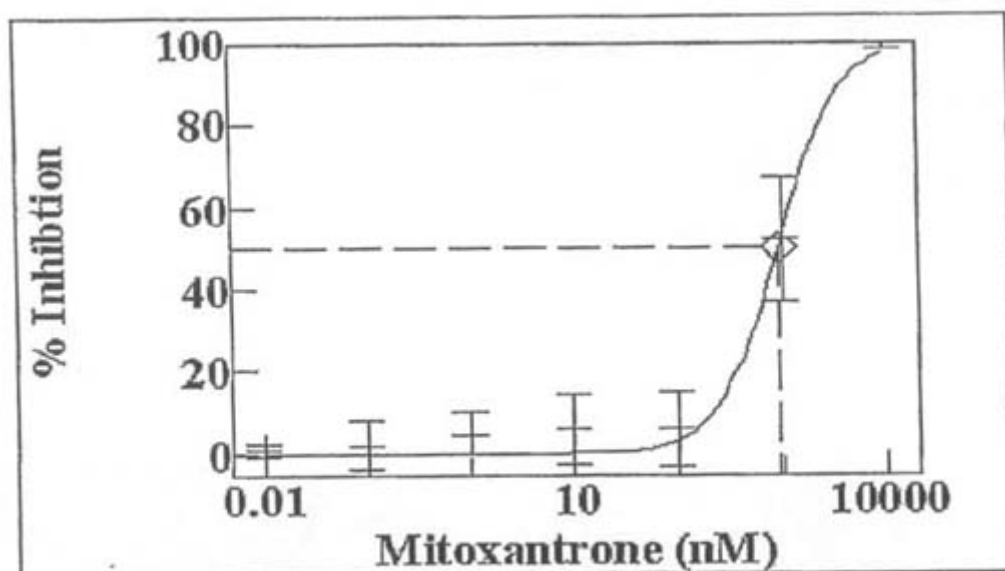
(72)**Name of Inventor :**
1)HUNTER, WILLIAM, L
2)GRAVETT, DAVID M
3)TOLEIKIS, PHILIP, M
4)MAITI, ARPITA

No of Pages : 497

No of Claims : 39

(57) Abstract :

Pumps and sensors for contact with tissue are used in combination with an anti-scarring agent (e.g., a cell cycle inhibitor) in order to inhibit scarring that may otherwise occur when the pumps and sensors are implanted within an animal.



Mitoxantrone IC₅₀=927 nM for Greiss assay in RAW 264.7 cells.

(54) Title of the invention : UREA DERIVATIVES

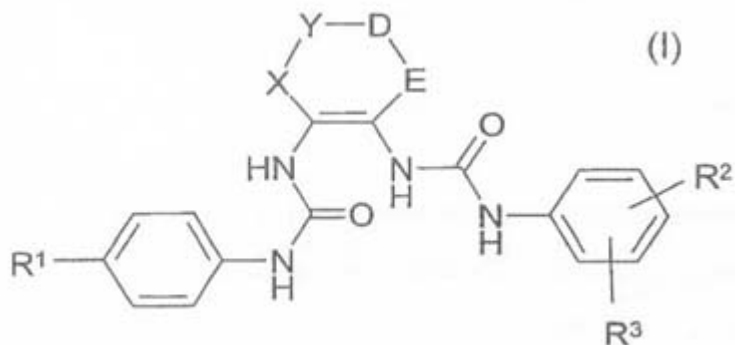
(51) International classification	:C07D 295/08	(71)Name of Applicant :
(31) Priority Document No	:10 2004 004 731.8	1)MERCK PATENT GMBH
(32) Priority Date	:30/01/2004	Address of Applicant :FRANKFURTER STRASSE 250 64293
(33) Name of priority country	:Germany	DARMSTADT Germany
(86) International Application No	:PCT/EP05/000083	(72)Name of Inventor :
Filing Date	:30/10/2004	1)MEDERSKI, WERNER
(87) International Publication No	:WO 2005/073201	2)TSAKLAKIDIS, CHRISTOS
(61) Patent of Addition to Application Number	:NA	3)DORSCH, DIETER
Filing Date	:NA	4)CEZANNE, BERTRAM
(62) Divisional to Application Number	:NA	5)GLEITZ, JOHANNES
Filing Date	:NA	

No of Pages : 49

No of Claims : 17

(57) Abstract :

Novel compounds of the formula (1), in which X-R-D-E, R₁, R₂ and R₃ have the meanings indicated in Patent Claim 1, are inhibitors of coagulation factor Xa and can be employed for the prophylaxis and/or therapy of thromboembolic diseases and for the treatment of tumors.



(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING AND FILING CONTAINERS

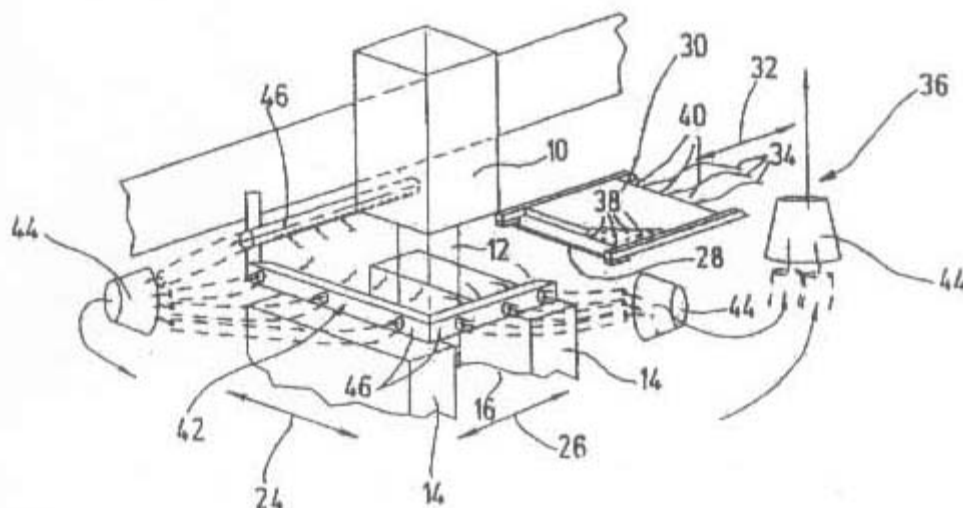
(51) International classification	:B65B 3/02	(71)Name of Applicant :
(31) Priority Document No	:102004004755.3	1)HANSEN, BERND
(32) Priority Date	:30/01/2004	Address of Applicant :TALSTR. 22-30, 74429 SULZBACH-LAUFEN
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2004/014724	(72)Name of Inventor :
Filing Date	:27/12/2004	1)HANSEN, BERND
(87) International Publication No	:WO 2005/073087	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 14

No of Claims : 11

(57) Abstract :

The invention relates to a method and a device for producing and filling containers. According to the invention, at least one tube (12) made of a softened plastic material is extruded into an open mold (16), the leading end of said tube (12) is welded when the mold (16) is closed in order to form the bottom of the container, the tube (12) is cut in two above the mold by means of a cutting element (28) so as to form a feed hole (18), and the mold (16), along with the tube (12) comprising the open feed hole (18), is moved into a filling position in which the container is filled and then sealed after being configured in the mold (16) by generating a pressure gradient that acts upon the tube (12) and expands the same. The feed hole (18) of the tube (12) is covered by a sterile barrier (30) at least from the moment said feed hole (18) is formed to the time the associated container is filled in a sterile space. A high degree of sterility is obtained by the fact that at least one sterile medium (34) is conveyed in the direction of the feed hole (18) by means of the sterile barrier (30) and a medium-conveying device (36).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1701/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : COMBINATION OF ANTICHOLINERGICS AND INHIBITORS OF PHOSPHODIESTERASE TYPE 4 FOR THE TREATMENT OF RESPIRATORY DISEASES

(51) International classification :A61K 31/401
(31) Priority Document No :60/541,955
(32) Priority Date :06/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/000651
Filing Date :24/01/2005
(87) International Publication No :WO 2005/074982
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MEDA PHARMA GMBH & CO. KG
Address of Applicant :BENZSTRASSE 1, 61352 BAD HOMBURG
Germany
(72)Name of Inventor :
1)MAUS, JOACHIM
2)CNOTA, PETER, JURGAN
3)SZELENYI, ISTVAN
4)FYRNYS, BEATRIX

No of Pages : 12

No of Claims : 20

(57) Abstract :

The present invention relates to a combination of an inhaled / oral PDE 4 inhibitor in combination with inhaled anticholinergic bronchodilators (muscarinic receptor antagonists), preferentially Roflumilast or AWD-12-281 and R,R-glycopyrrolate, for symptomatic or prophylactic treatment of respiratory diseases, especially those accompanied by obstruction or inflammation such as chronic obstructive pulmonary disease (COPD) or asthma. It further comprises the presentation of this combination in a locally applied (inhaled) formulation and application in an inhalation device for instance in the Novolizer®

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1702/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : NOVEL COMBINATION OF ANTICHOLINERGIC AND β MIMETICS FOR THE TREATMENT OF RESPIRATORY DISEASES

(51) International classification	:A61K31/138; A61K31/401	(71)Name of Applicant : 1)MEDA PHARMA GMBH & CO. KG Address of Applicant :BENZSTRASSE 1, 61352 BAD HOMBURG, Germany
(31) Priority Document No	:60/541,957	(72)Name of Inventor :
(32) Priority Date	:06/02/2004	1)GOEDE, JOACHIM
(33) Name of priority country	:U.S.A.	2)MAUS, JOACHIM
(86) International Application No	:PCT/EP2005/000649	3)CNOTA, PETER, JURGAN.
Filing Date	:24/01/2005	4)SZELENYI, ISTVAN
(87) International Publication No	:WO 2005/074900	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 23

(57) Abstract :

The present invention describes a combination of anticholinergic and β mimetics for the treatment of respiratory diseases including airway inflammation or obstruction such as chronic obstructive pulmonary disease (COPD) and asthma. It further comprises the preparation of this combination in a locally applied (inhaled) formulation and application in an inhalation device for instance in the Novolizer®.

(54) Title of the invention : METHOD AND APPARATUS FOR PERSONALIZATION AND IDENTITY MANAGEMENT

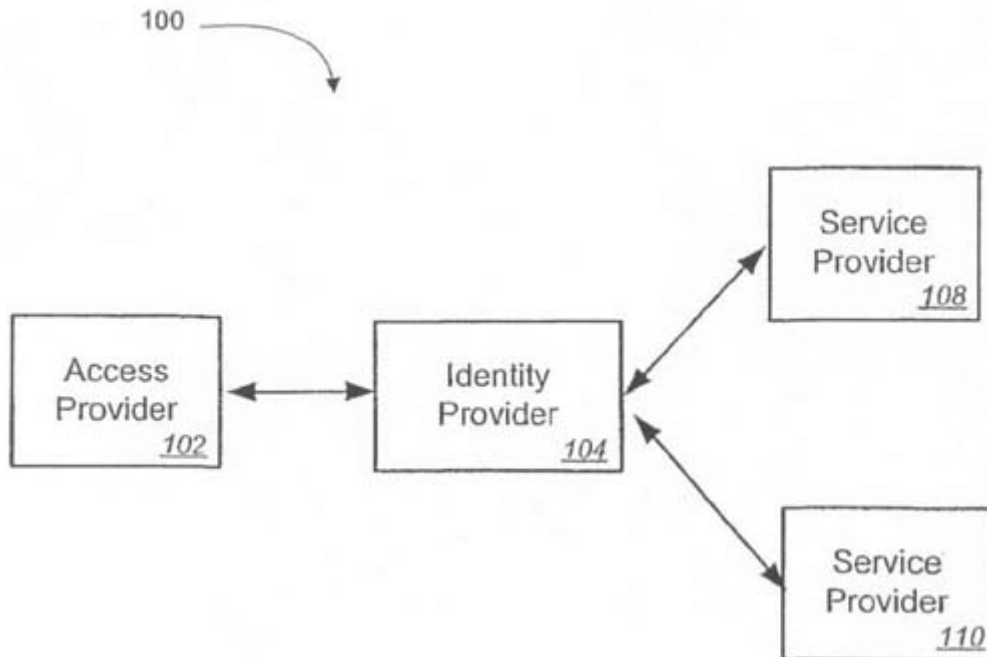
(51) International classification	:G06F 1/00 , G06F 21/00, G06Q 30/00	(71) Name of Applicant : 1)ORACLE INTERNATIONAL CORPORATION Address of Applicant :500 ORACLE PARKWAY, REDWOOD SHORES, CA 94065 U.S.A.
(31) Priority Document No	:60/530,599	(72) Name of Inventor : 1)MAES, STEPHAANE, H.
(32) Priority Date	:17/12/2003	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2004/037461	
Filing Date	:10/11/2004	
(87) International Publication No	:WO 2005/062155	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 37

(57) Abstract :

Methods and systems are disclosed for personalization and identity management. In one embodiment, the method comprises receiving from an access provider, a message for a service provider, the message associated with a first identifier of a user of the access provider. A second identifier is obtained, the first identifier is disassociated from the message, and the second identifier is associated with the message. The message associated with the second identifier is then sent to the service provider.



(54) Title of the invention : UNDERGROUND WATER STORAGE TANK

(51) International classification	:E03B 11/14
(31) Priority Document No	:2004-187740
(32) Priority Date	:25/06/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/009164
Filing Date	:19/05/2005
(87) International Publication No	:WO 2006/001139
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TOTETU MFG. CO. LTD.Address of Applicant :11-21, NISHI-GOTANDA 8-CHOME,
SHINAGAWA-KU, TOKYO 1410031 Japan

(72)Name of Inventor :

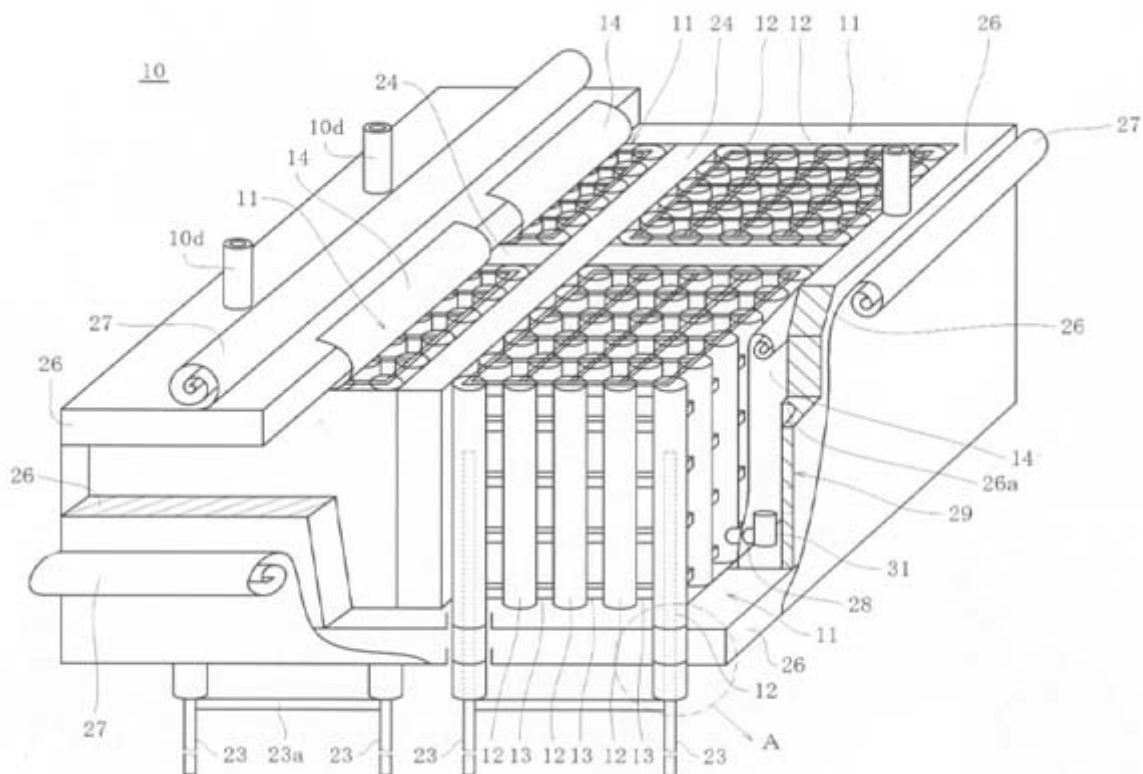
1)TAKAI, SEIICHIRO.

No of Pages : 81

No of Claims : 12

(57) Abstract :

[PROBLEMS] To remarkably increase water storage amount by less causing water leakage. [MEANS FOR SOLVING PROBLEMS] This underground water storage tank comprises internal water storage tanks (11) formed by covering, by first water shielding sheets (14), the aggregate of water bearing materials formed by combining the plurality of water bearing materials (12) with each other, soil pressure absorbing plate materials (26) installed on the outsides of the internal water storage tanks (11), and second water shielding sheets (27) covering the soil pressure absorbing plate materials (26). The water bearing material is formed of a resin rigid pipe (12), and the aggregate of the water bearing materials is formed by connecting the plurality of rigid pipes (12) parallel with each other by pipe connection means (13) in the state of the plurality of rigid pipes (12) vertically positioned and horizontally arranged parallel with each other through specified distances. Bar-like steel materials (23) are vertically driven into the ground, the rigid pipes (12) are fixedly fitted to the bar-like steel materials (23) to fix the aggregate of the water bearing materials to the bar-like steel materials (23). The plurality of internal water storage tanks (11) are horizontally installed through inter-tank damping materials (24), and covered by the series of second water shielding sheets (27).



(54) Title of the invention : DIE CAVITY OF A CASTING DIE FOR CONTINUOUSLY CASTING BILLETS AND BLOOMS

(51) International classification :B22D 11/04
 (31) Priority Document No :03029867.3
 (32) Priority Date :27/12/2003
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP2004/014139
 Filing Date :11/12/2004
 (87) International Publication No :WO 2005/063423
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)CONCAST AGAddress of Applicant :TODISTRASSE 9, CH-8027 ZURICH
Switzerland

(72)Name of Inventor :

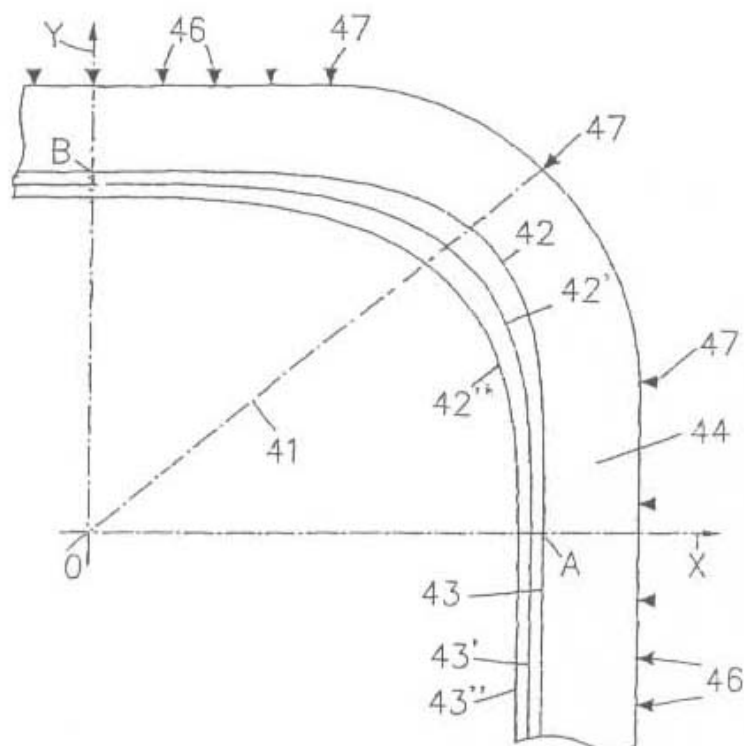
1)ROEHRIG ADALBERT**2)KAWA FRANZ**

No of Pages : 21

No of Claims : 11

(57) Abstract :

The invention relates to a die cavity of a casting die for continuously casting billets, blooms and blanks, steel being cast in a die cavity having a cross-section with a partially curved peripheral (42) line, and cavity walls cooled. The aim of the invention is to create optimum conditions for a regular heat exchange between a forming strand shell and the die cavity wall along the peripheral line (42) of the strand cross-section, and to avoid solidification defects in the strand shell. To this end, the degree of curvature $1/R$ is reduced at least on part of the curved peripheral line (42) of the corner regions from peripheral lines (42", 42'') of the same corner regions, that are successive in the casting direction, and at least over part of the length of the die, in the concave corner regions of the die cavity, in order to control the targeted closure of the gap between the strand shell and the cooled die cavity, or a targeted strand shell deformation.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1706/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : HIGH-LIGHTFASTNESS INKS FOR DIGITAL TEXTILE PRINTING

(51) International classification :C09B 57/04
(31) Priority Document No :102004016287.5
(32) Priority Date :02/04/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/003016
Filing Date :22/03/2005
(87) International Publication No :WO 2005/097913
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

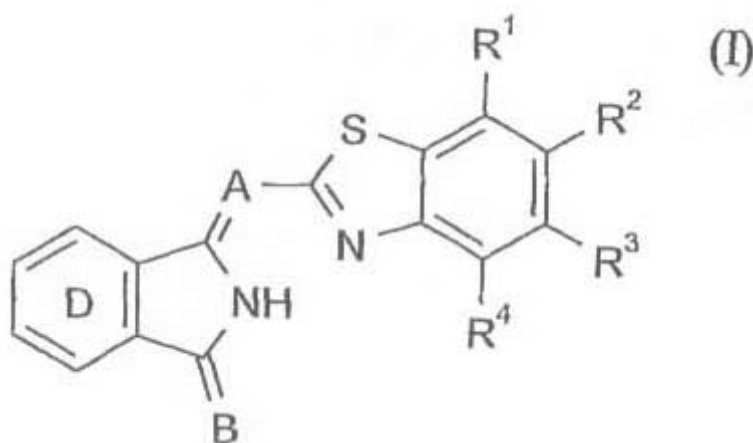
(71)Name of Applicant :
1)DYSTAR TEXILFARBEN GMBH & CO. DEUTSCHLAND KG
Address of Applicant :INDUSTRIEPARK HOCHST, GEBAUDE B
598, 65926 FRANKFURT AM MAIN Germany
(72)Name of Inventor :
1)ARNOLD, MARKUS
2)MUTH, MATHIAS

No of Pages : 23

No of Claims : 9

(57) Abstract :

Disclosed are aqueous printing inks that are used for inkjet textile printing and contain one or several compounds of general formula (I), wherein A, B, R to R, and D have the meaning indicated in claim 1, methods for the production thereof, and the use thereof for inkjet textile printing.



(54) Title of the invention : METHOD AND APPARATUS FOR FACILITATING A PTT SESSION INITIATING USING AN IP BASED PROTOCOL

(51) International classification :G06F 15/16, H04B 7/216
 (31) Priority Document No :10/759,440
 (32) Priority Date :16/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/000860
 Filing Date :11/01/2005
 (87) International Publication No :WO 2005/072495
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

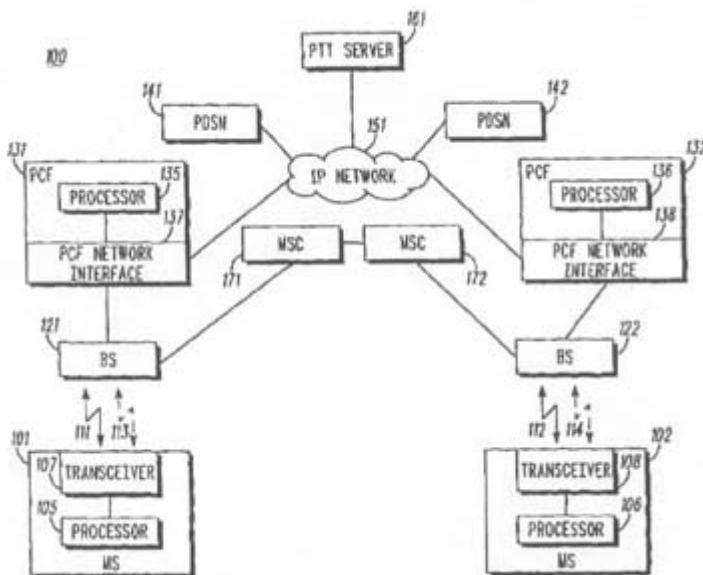
(71)Name of Applicant :
1)MOTOROLA, INC.
 Address of Applicant :1303 EAST ALGONQUIN ROAD,
 ACHAUMBURG, ILLINOIS 60196 U.S.A.
 (72)Name of Inventor :
1)CROCKER RONALD T.
2)HART THOMAS B.
3)HORVATH ROBERT

No of Pages : 33

No of Claims : 21

(57) Abstract :

Various embodiments are described to address the need for providing substantially reduced PTT call setup times and more efficient wireless bandwidth utilization for PTT sessions utilizing an IP-based protocol. The use of non-IP messaging between an originating MS (101) and PCF (131) and a target MS (102) and PCF (132), the use of IP-based messaging between the PCFs, the use of access channel signaling by the originating MS, and the generation of SIP responses by a target PCF on behalf of the target MS are described. Embodiments incorporating some or all of these protocol changes, can provide either, or both, reduced end-to-end call setup time for PTT as it presently exists in IS-2000 systems or reduced bandwidth consumption.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1708/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : NOVEL CHELATING AGENTS AND HIGHLY LUMINESCENT AND STABLE CHELATES AND THEIR USE

(51) International classification	:C07F 9/58
(31) Priority Document No	:20031858
(32) Priority Date	:18/12/2003
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2004/000680
Filing Date	:15/11/2004
(87) International Publication No	:WO/2005/058877
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WALLAC OY

Address of Applicant :MUSTIONKATU 6, FIN-20750 TURKU
Finland

(72)Name of Inventor :

1)HOVINEN JARI

2)MUKALA HARRI

3)HAKALA HARRI

4)PEURALAHTI, JARI

No of Pages : 48

No of Claims : 30

(57) Abstract :

This invention relates to a group of novel chelating agents, novel chelates, biomolecules labeled with said chelates or chelating agents as well as solid supports conjugated with said chelates, chelating agents or labeled biomolecules. Especially the invention relates to novel chelating agents useful in solid phase synthesis of oligonucleotides or oligopeptides and the oligonucleotides and oligopeptides so obtained.

(54) Title of the invention : FILTER FOR INTERNAL COMBUSTION ENGINES

(51) International classification	:B01D 29/21
(31) Priority Document No	:RE2004A000002
(32) Priority Date	:15/01/2004
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2004/014756
Filing Date	:23/12/2004
(87) International Publication No	:WO/2005/068047
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UFI FILTERS S.P.A.
 Address of Applicant :26, VIA EUROPA I-46047 PORTO
 MANTOVANO (MANTOVA) Italy

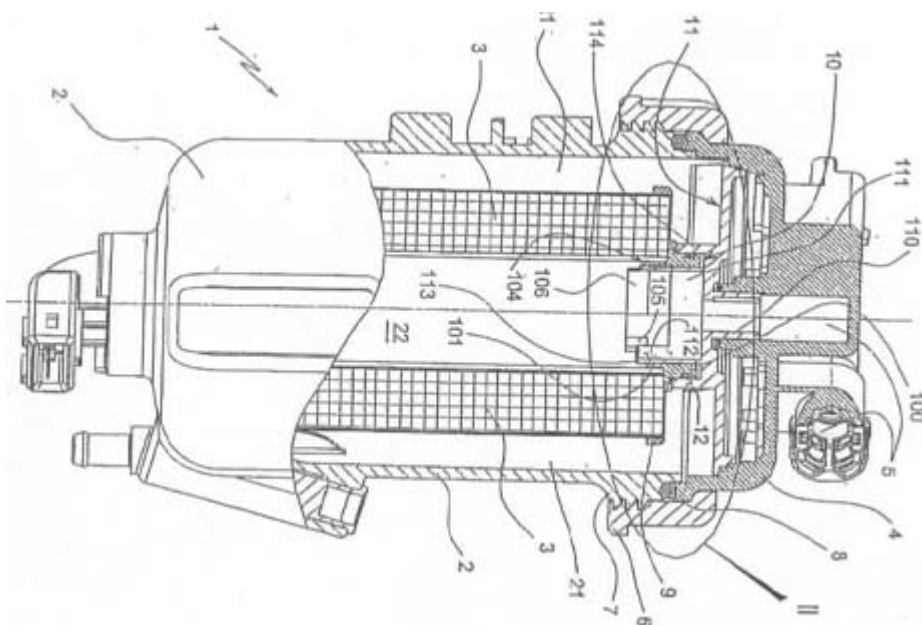
(72)**Name of Inventor :**
1)GIRONDI GIORGIO

No of Pages : 15

No of Claims : 9

(57) Abstract :

Filter for internal combustion engine liquids, comprising a casing (2) closed by a removable cover (4) and containing a toroidal filter cartridge (3) which separates the casing cavity into two chambers (21, 22) for passage of the liquid to be filtered and passage of the filtered liquid respectively, in which the inner region of the cover is connected to the facing end of the cartridge by a snap connection system comprising two complementary parts (10, 111) which are associated with the cover and with the cartridge respectively, and can be connected together by axially sliding said cartridge and released from each other by rotating this latter through a predetermined angle, that part of the system associated with the cartridge being located within the central compartment of this latter, and is that part of the system associated with the cover being dimensioned and shaped to be able to be inserted into the preceding and coupled thereto, where it retains the facing end of the cartridge in the immediate vicinity of the inner region of the cover.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1710/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : CEILLING BOX SAFETY MOUNTING BRACKET

(51) International classification	:H01H 9/02	(71) Name of Applicant :
(31) Priority Document No	:10/723,501	1)HALBERT ALAN P
(32) Priority Date	:26/11/2003	Address of Applicant :2956 WEST 15000 SOUTH, BLUFFDALE, UT
(33) Name of priority country	:U.S.A.	84065 U.S.A.
(86) International Application No	:PCT/US2004/039587	(72) Name of Inventor :
Filing Date	:24/11/2004	1)HALBERT ALAN P
(87) International Publication No	:WO/2005/055370	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 34

No of Claims : 19

(57) Abstract :

Reinforcement brackets capable of being secured to the interior of an electrical box and to a structural member in structural adjacency to the electrical box, those brackets securing the movement of the electrical box relative to the structural member against the weight of a fixture fastenable to the electrical box, those brackets including a top interface (12a) mating to the interior top region of the electrical box, a side interface (14a) mating to the interior side region of the electrical box, a rigid member (15a) providing resistance to a compressive force applied between the top and side interfaces, and a mating feature (16a) for a fastener including a hole through which a fastener may be inserted, the feature providing an attachment point for the fastener, the feature oriented in a position relative to the bracket such that the fastener may be installed through the access aperture of the electrical box to secure the bracket to the structural member.

(54) Title of the invention : AMELIORATION OF MACULAR DEGENERATION AND OTHER OPHTHALMIC DISEASES

(51) International classification :A61K 31/445
 (31) Priority Document No :60/523,802
 (32) Priority Date :20/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/039719
 Filing Date :22/11/2004
 (87) International Publication No :WO/2005/051328
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

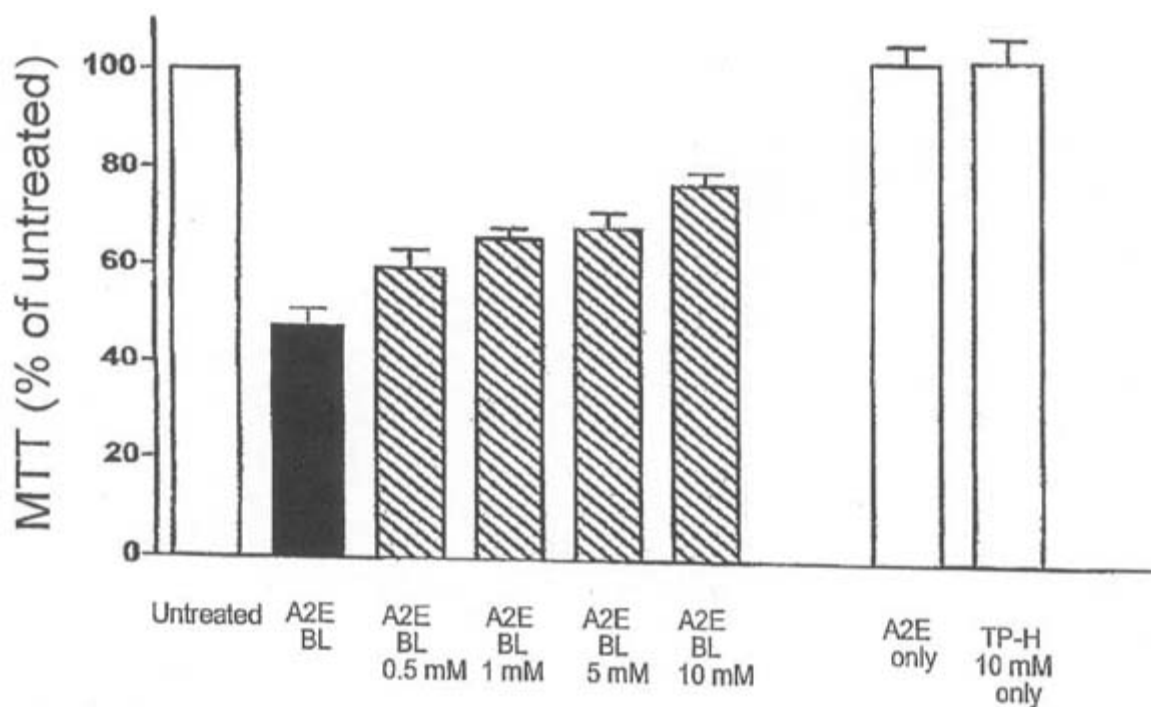
(71)Name of Applicant :
1)OTHERA PHARMACEUTICALS, INC.
 Address of Applicant :720 SPRINGDALE DRIVE, EXTON, PA 19341
 U.S.A.
 (72)Name of Inventor :
1)MATIER WILLIAM L.
2)PATIL GHANSHYAM

No of Pages : 28

No of Claims : 36

(57) Abstract :

Methods for the treatment or prevention of a number of ocular diseases or disorders are disclosed. In particular, methods are disclosed for the amelioration of macular degeneration, diabetic retinopathy and other retinopathies, as well as uveitis, presbyopia, dry eye, glaucoma, blepharitis and rosacea of the eye. The methods comprise administration of compositions comprising an ophthalmologically acceptable carrier or diluent and a hydroxylamine compound in a therapeutically sufficient amount to prevent, retard the development or reduce the symptoms of one or more of the ophthalmic conditions.



(54) Title of the invention : AMELIORATION OF CATARACTS MACULAR DEGENERATION AND OTHER OPHTHALMIC DISEASES

(51) International classification :A61K 31/445
 (31) Priority Document No :60/523,803
 (32) Priority Date :20/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/039716
 Filing Date :22/11/2004
 (87) International Publication No :WO/2005/055926
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

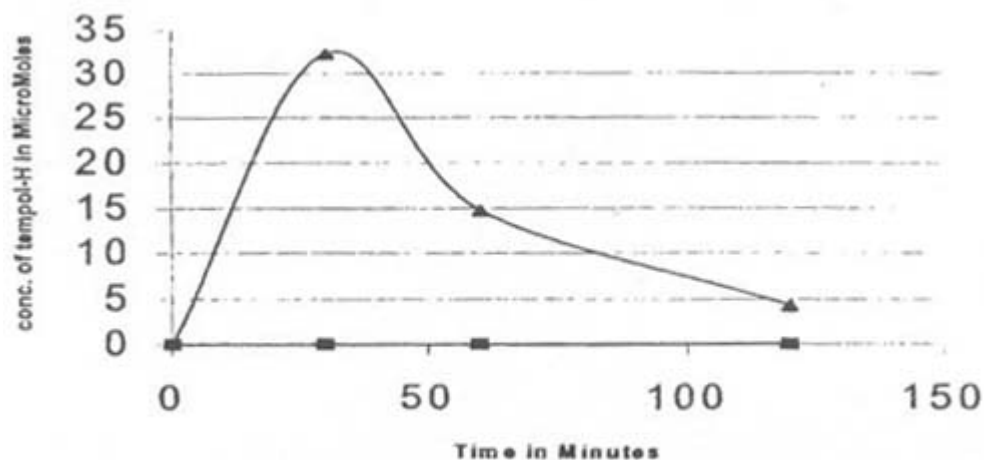
(71)Name of Applicant :
1)OTHERA PHARMACEUTICALS, INC.
 Address of Applicant :720 SPRINGDALE DRIVE, EXTON, PA 19341
 U.S.A.
 (72)Name of Inventor :
1)MATIER WILLIAM L.
2)PATIL GHANSHYAM

No of Pages : 71

No of Claims : 67

(57) Abstract :

Ophthalmically acceptable compositions used in arresting the development of cataract, presbyopia, macular degeneration and other retinopathies, glaucoma, uveitis and various corneal disorders are disclosed. The compositions are also useful as a prophylactic treatment to prevent or delay development of age-related ocular disorders, which include cataracts, presbyopia, glaucoma and macular degeneration. The compositions comprise a pharmaceutically acceptable carrier or diluent and at least one compound having the formula where R1 and R2 are, independently, H or C1 to C3 alkyl ; R3 and R4 are, independently C1 to C3 alkyl; and where R1 and R2, taken together, or R3 and R4, taken together, or both may be cycloalkyl; R5 is H, OH, or C1 to C6 alkyl ; R6 is or C1 to C6 alkyl, alkenyl, alkynyl, or substituted alkyl or alkenyl ; R7 is C1 to C6 alkyl, alkenyl, alkynyl, or substituted alkyl or alkenyl or where R6 and R7, or R5, R6 and R7, taken together, form a carbocycle or heterocycle having from 3 to 7 atoms in the ring.



Bioavailability after dosing with compound 1 and tempol-H

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1713/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : ELECTRODE FOR LITHIUM SECONDARY BATTERY

(51) International classification	:H01M 4/62	(71) Name of Applicant :
(31) Priority Document No	:10-2004-0010070	1)LG CHEM, LTD.
(32) Priority Date	:16/02/2004	Address of Applicant :LG TWIN TOWER 20, YOIDO-DONG,
(33) Name of priority country	:Republic of Korea	YOUNGDUNGPO-GU, SEOUL 150-271 Republic of Korea
(86) International Application No	:PCT/KR2005/000434	(72) Name of Inventor :
Filing Date	:16/02/2005	1)KIM, YOUNG-SOO
(87) International Publication No	:WO/2005/078832	2)AHN, SOON-HO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 34

No of Claims : 10

(57) Abstract :

Disclosed is an electrode comprising an aliphatic nitrile compound, wherein the aliphatic nitrile compound is coated on a surface of the electrode or is incorporated into the electrode active materials. A lithium secondary battery having the electrode is also disclosed. The lithium secondary battery has excellent safety so as to prevent ignition and explosion generated when the internal temperature of the battery is increased due to the heat emission caused by the reaction of an electrolyte with a cathode and the structural collapse of a cathode occurring upon overcharge. Additionally, it is also possible to prevent ignition and explosion when the battery is exposed to high temperature due to an increase in temperature resulting from heating or local short circuit caused by physical impacts. Further, it is possible to solve the problems of an increase in viscosity and degradation in battery performance at a low temperature occurring when an aliphatic nitrile compound is used as an additive for electrolyte.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1714/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :20/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : NOVEL SODIUM CHANNEL

(51) International classification	:C12N1/00
(31) Priority Document No	:60/529,404
(32) Priority Date	:12/12/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/041668
Filing Date	:10/12/2004
(87) International Publication No	:WO/2005/059101
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)WYETH

Address of Applicant :FIVE GIRALDA FARMS, MADISON, NJ
07940-0874 U.S.A.

(72)**Name of Inventor :**

1)FRANCO RODRIGO

2)HORNSTEN ANGELA

No of Pages : 172

No of Claims : 47

(57) Abstract :

Novel sodium channel nucleic acids and polypeptides are disclosed herein. Methods of using the novel nucleic acids and polypeptides are also disclosed.

(54) Title of the invention : COMPRESSED BIODEGRADABLE CHEWING GUM

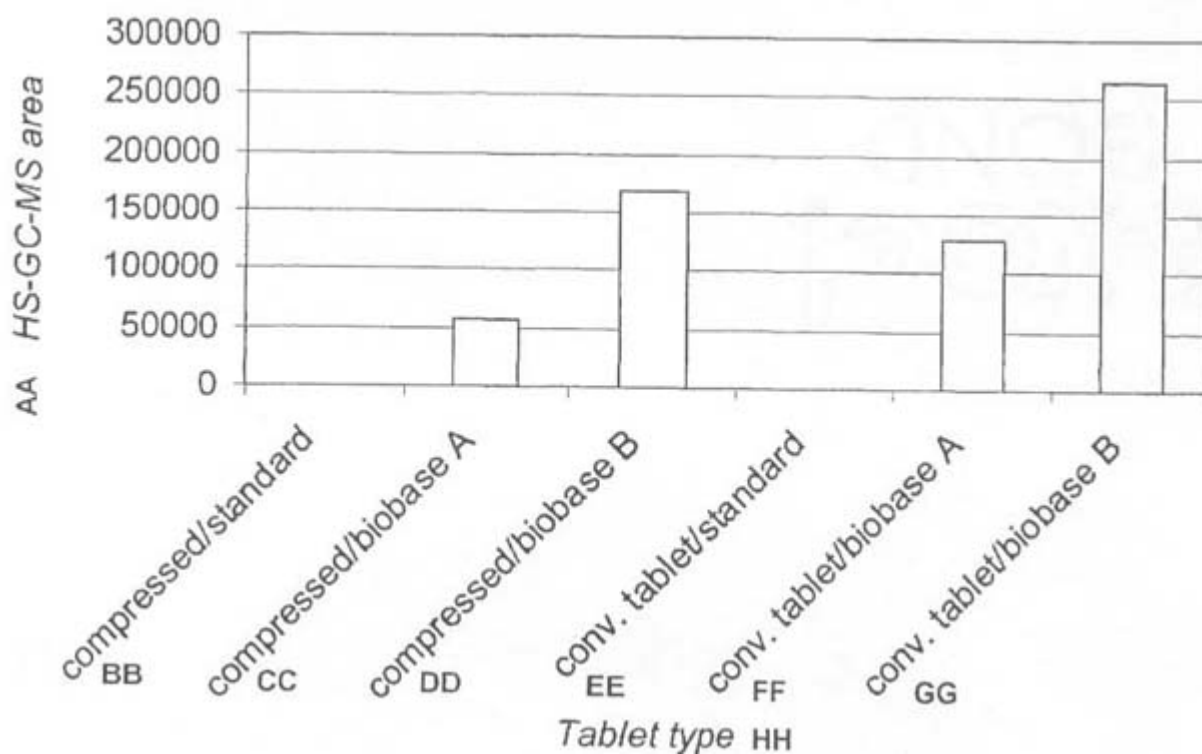
(51) International classification	:A23G 4/00	(71) Name of Applicant :
(31) Priority Document No	:PCT/DK2003/000941	1)GUMLINK A/S
(32) Priority Date	:30/12/2003	Address of Applicant :DAVIDYVEJ 19, DK-7100 VEJLE, Denmark
(33) Name of priority country	:Denmark	(72) Name of Inventor :
(86) International Application No	:PCT/DK2003/000941	1)WITTOREF, HELLE
Filing Date	:30/12/2003	
(87) International Publication No	:WO/2005/063038	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 50

No of Claims : 32

(57) Abstract :

The invention relates to gum base granules and compressed chewing gum comprising at least one biodegradable polymer. According to an embodiment of the invention, a mechanically stable compressed chewing gum tablet has been obtained by applying at least one biodegradable polymer as a part of the gum base of the compressed chewing gum tablet.



(54) Title of the invention : A DRIVE MECHANISM

(51) International classification :A22C29/00,A23N12/02
 (31) Priority Document No :529771
 (32) Priority Date :26/11/2003
 (33) Name of priority country :New Zealand
 (86) International Application No :PCT/NZ2004/000304
 Filing Date :26/11/2004
 (87) International Publication No :WO/2005/051107
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

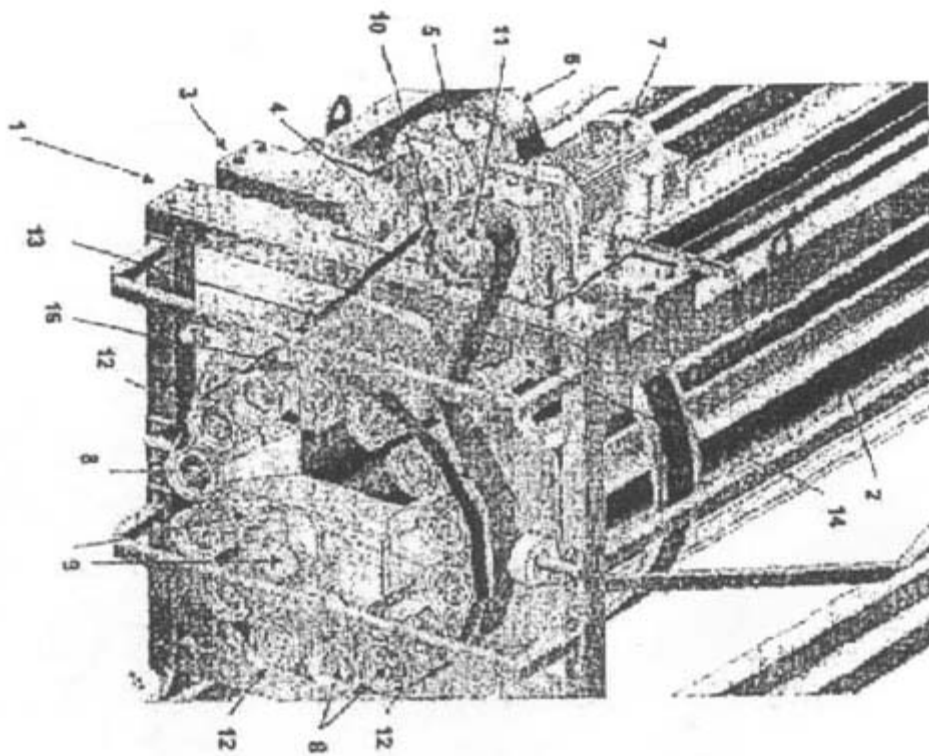
(71)**Name of Applicant :**
1)WYMA ENGINEERING(NZ) LIMITED
 Address of Applicant :27 FOREMANS ROAD, HORNBY,
 CHRISTCHURCH 8004 New Zealand
 (72)**Name of Inventor :**
1)BARCLAY, ANDREW JAMES

No of Pages : 10

No of Claims : 7

(57) Abstract :

A drive mechanism for food handling, food processing and cleaning equipment incorporating a rotating barrel. The barrel can have mounted therein a plurality of shafts (8) aligned with their longitudinal axes parallel to the longitudinal axis of the barrel. The drive mechanism includes a single motor (7) adapted to drive via a V belt (13) the shafts (8) which are also linked by a timing belt slave (15).



(54) Title of the invention : ELECTRODE ACTIVE MATERIAL POWDER WITH SIZE DEPENDENT COMPOSITION AND METHOD TO PREPARE THE SAME

(51) International classification :H01M 4/36
 (31) Priority Document No :60/533,225
 (32) Priority Date :31/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/KR2004/003530
 Filing Date :30/12/2004
 (87) International Publication No :WO/2005/064715
 (61) 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 CHEM, LTD.

Address of Applicant :LG TWIN TOWER 20, YOIDO-DONG, YOUNGDUNGPO-GU, SEOUL, 150-721 Republic of Korea

(72)Name of Inventor :

1)PAULSEN, JENS MARTIN

2)PARK, HONG-KYU

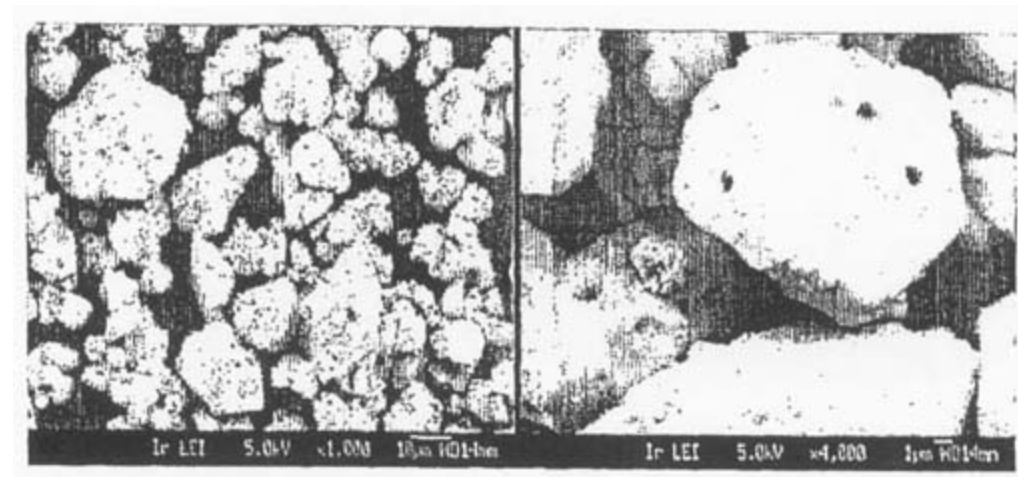
3)KIM, MUN-JU

No of Pages : 26

No of Claims : 22

(57) Abstract :

The present invention relates to a powdrous electrode active material of lithium transition metal oxide Li_aMbO_2 , wherein $0.9 < a < 1.1$, $0.9 < b < 1.1$ and M is dominantly transition metal chosen from Mn, Co and Nickel, having particles with a distribution of sizes, where the composition M varies with the size of the particles, and a preparation method thereof. The present invention also relates to an electrochemical cell, particularly rechargeable lithium battery, using the powdrous electrode active material.



(54) Title of the invention : METHOD AND APPARATUS FOR A COMMUNICATION SYSTEM OPERATING IN A LICENSED RF AND AN UNLICENSED RF BAND

(51) International classification :H04Q 7/36
 (31) Priority Document No :10/750,277
 (32) Priority Date :31/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/042194
 Filing Date :15/12/2004
 (87) International Publication No :WO/2005/065198
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

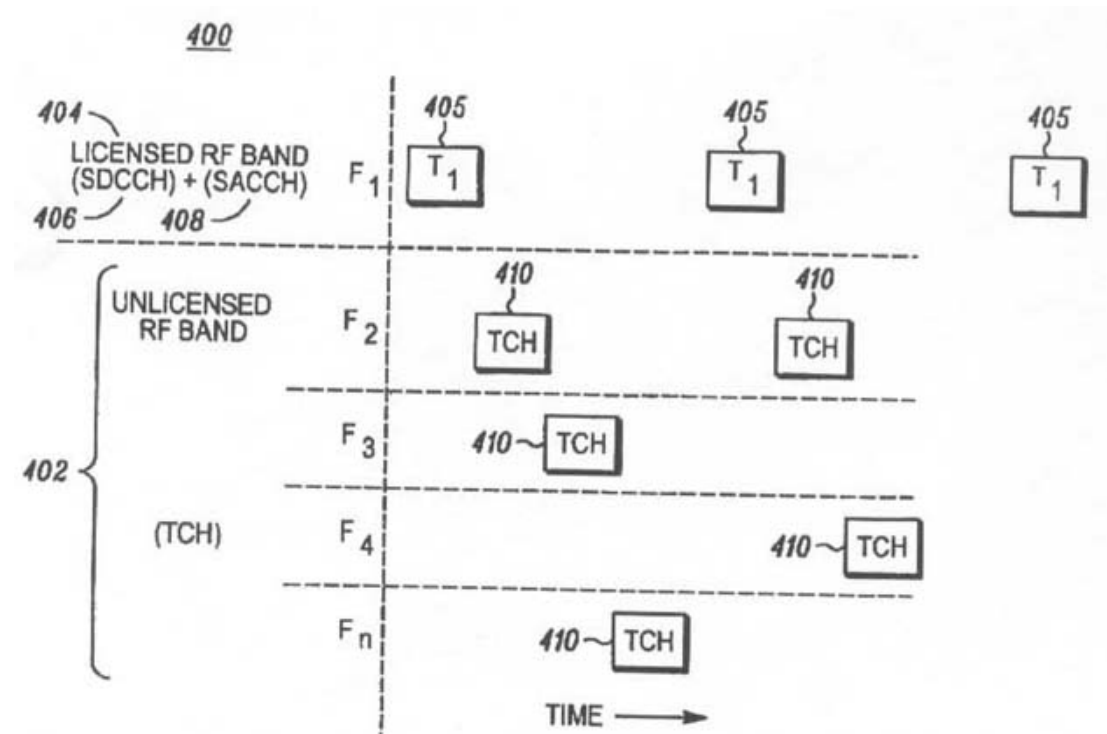
(71)Name of Applicant :
1)MOTOROLA, INC.
 Address of Applicant :1303 EAST ALGONQUIN ROAD,
 SCHAUMBURG, ILLINOIS 60196 U.S.A.
 (72)Name of Inventor :
1)BALCK, GREG R.
2)BINZEL CHARLES P.

No of Pages : 29

No of Claims : 28

(57) Abstract :

The present invention relates generally to wireless communications, and more particularly to a communication system operating in a licensed RF band and an unlicensed RF band. The method can include exchanging (302) traffic information (410) between a base station (102) and a mobile station (105, 107) on at least one radio channel in the unlicensed RF band (402) and exchanging (304) control information (405) that is associated with the traffic information, in the licensed radio frequency band (404).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1719/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHODS FOR PREPARING 1,3-BUTYLENE GLYCOL

(51) International classification	:C07C 29/141
(31) Priority Document No	:10/753,745
(32) Priority Date	:08/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/000047
Filing Date	:03/01/2005
(87) International Publication No	:WO 2005/068408
(61) 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 LNJ FREEWAY, DALLAS, TX
75234. U.S.A.
(72)**Name of Inventor :**
1)KENNETH ALLEN WINDHORST
2)RICHARD D. GUAJARDO

No of Pages : 10

No of Claims : 13

(57) Abstract :

1,3 butylene glycol, prepared through an intermediate aldol condensation reaction of acetaldehyde, is produced at increased yield efficiencies. The efficiencies are achieved by utilizing an acetaldehyde having low carboxylic concentrations. The aldol condensation takes place in the presence of an alkali agent at a concentration of about 2 ppm to about 10 ppm to produce a 3-hydroxybutanal intermediate product that is hydrogenated in the presence of a Raney nickel catalyst to yield 1,3 butylene glycol at efficiency yields of greater than about 75%.

(54) Title of the invention : WALL BRACKET FOR A SHOWER ATTACHMENT

(51) International classification

:E03C1/06;
E03C1/06

(31) Priority Document No

:10 2004 003 134.7

(32) Priority Date

:14/01/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP04/014659

Filing Date

:23/12/2004

(87) International Publication No

:WO/2005/068731

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HANS GROHE AG

Address of Applicant :Auestrasse 5-9 77761 Schiltach Germany

(72)Name of Inventor :

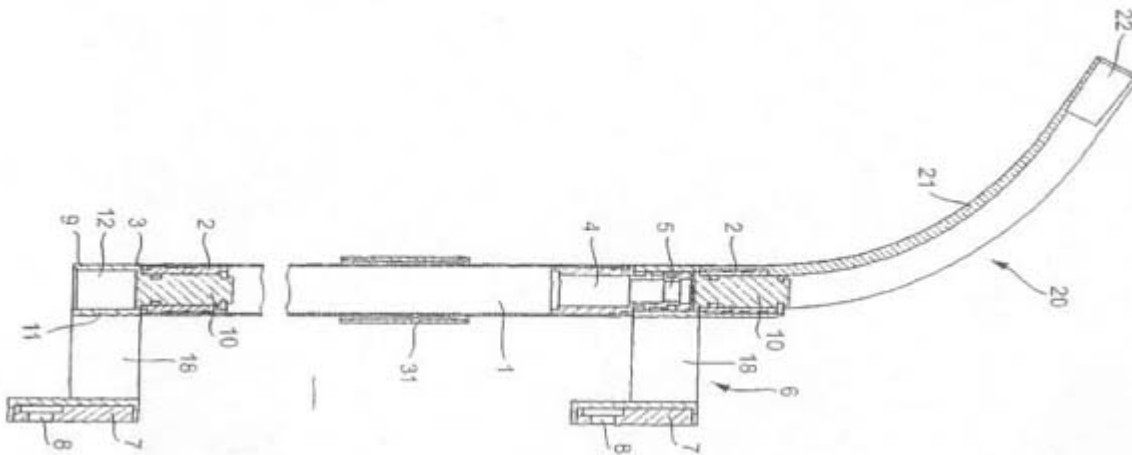
1)GROHE, Klaus

No of Pages : 12

No of Claims : 13

(57) Abstract :

The invention relates to a wall rod (1) to be applied in front of a vertical wall by means of wall supports (6), said wall rod comprising an extension on the upper end thereof, that extends in an arched manner away from the wall. The handle of a shower attachment can be inserted into the free end of said arched pipe extension, and the tube is guided downwards on the rear side of the wall rod (1).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1721/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD FOR WASHING CARCASS, MEAT, OR MEAT PRODUCTS WITH MEDIUM CHAIN PEROXYCARBOXYLIC ACID COMPOSITIONS

(51) International classification	:A23L 3/3508
(31) Priority Document No	:10/754,436
(32) Priority Date	:09/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/000149
Filing Date	:05/01/2005
(87) International Publication No	:WO 2005/070238
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ECOLAB INC.

Address of Applicant :ECOLAB CENTER, ST. PAUL, MINNESOTA
55102 U.S.A.

(72)Name of Inventor :

1)MAN, VICTOR F.

2)MAGNUSON, JOSHUA P.

No of Pages : 114

No of Claims : 7

(57) Abstract :

The present inventions relates to methods for reducing microbial contamination on carcass, meat, or meat products, or on surfaces used in processing the carcass, meal, or meal product, employing compositions including medium chain peroxy-carboxylic acid, and to the compositions. The methods include applying a medium chain peroxy-carboxylic acid compositions to carcass, meat, meat product or surface.

(54) Title of the invention : MEDIUM CHAIN PEROXYCARBOXYLIC COMPOSITIONS

(51) International classification :A01N 37/16
 (31) Priority Document No :10/754,426
 (32) Priority Date :09/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/000151
 Filing Date :05/01/2005
 (87) International Publication No :WO 2005/070205
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ECOLAB INC.Address of Applicant :ECOLAB CENTER, ST. PAUL, MINNESOTA
55102 U.S.A.

(72)Name of Inventor :

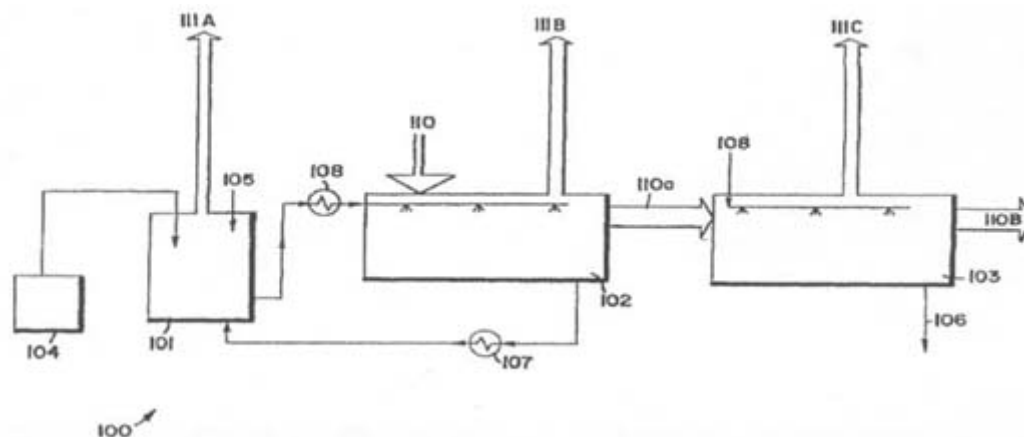
1)MAN, VICTOR F.**2)MAGNUSON, JOSHUA P.****3)LENTSCH, STEVEN E.**

No of Pages : 112

No of Claims : 7

(57) Abstract :

(57) Abstract: The present invention relates to compositions including medium chain peroxycarboxylic acid, methods for making these compositions, and methods for reducing the population of a microorganism. The compositions can include advantageously high levels of the medium chain peroxycarboxylic acid, can be readily made, and/or can exhibit reduced odor.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1723/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD FOR WASHING POULTRY DURING PROCESSING WITH MEDIUM CHAIN PEROXYCARBOXYLIC ACID COMPOSITIONS

(51) International classification	:A01N 37/16
(31) Priority Document No	:10/754,396
(32) Priority Date	:09/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US05/000147
Filing Date	:05/01/2005
(87) International Publication No	:WO/2005/067741
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ECOLAB INC.

Address of Applicant :St. Paul, Minnesota 55102 U.S.A.

(72)Name of Inventor :

1)MAN, VICTOR F.

2)MAGNUSON, JOSHUA P.

3)HILGREN JOHN D.

No of Pages : 119

No of Claims : 8

(57) Abstract :

The present invention relates to methods for reducing microbial contamination on poultry, or on surfaces used in processing poultry, employing compositions including medium chain peroxycarboxylic acid, and to the compositions. The methods include applying a medium chain peroxycarboxylic acid composition to poultry or to the surfaces.

(51) International classification :H04Q 7/28,H04Q 7/34
 (31) Priority Document No :PCT/CN2003/001136
 (32) Priority Date :29/12/2003
 (33) Name of priority country :China
 (86) International Application No :PCT/CN2003/001136
 Filing Date :29/12/2003
 (87) International Publication No :WO 2005/064960
 (61) 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 CITY, GUANGDONG PROVINCE 518057 China

(72)Name of Inventor :

1)GUO, BOYONG

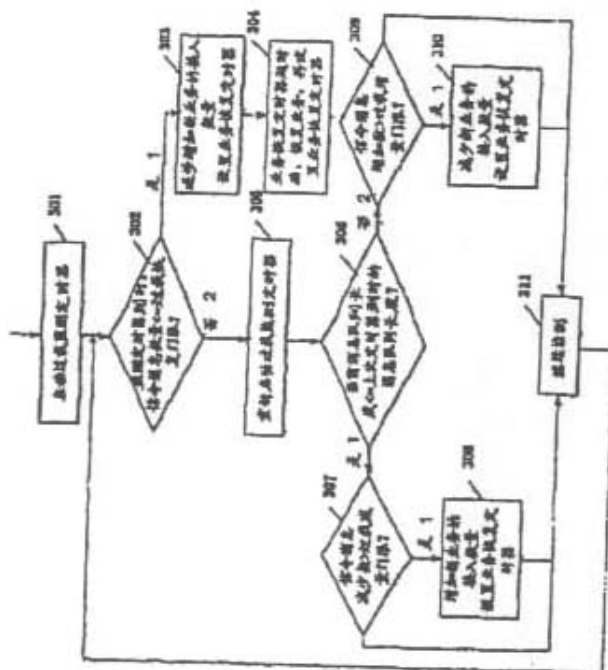
2)WANG, ZHIMIN

No of Pages : 15

No of Claims : 8

(57) Abstract :

The present invention disclosed a common path signal link system overload control method, comprise the step of: link control course time detect the number of unprocessed signal message in message sequence, determining if the number of the unprocessed signal message exceed threshold of start overload. If the number of the unprocessed signal message exceed threshold of start overload, the link control course dynamic control the number of the service process course accessed new service, by transmit message to service process course.



301 START OVERLOAD DETECT TIMER
 302 DETECT TIMER IS ARRIVE, THE NUMBER OF SIGNAL MESSAGE > OVERLOAD RECOVER THRESHOLD?
 303 GRADUALLY INCREASE THE NUMBER OF ACCESSED NEW SERVICE, SET SERVICE RECOVER TIMER
 304 RECOVER SERVICE AFTER SERVICE RECOVER TIMER OVERTIME, THEN SET SERVICE RECOVER TIMER
 305 RESTART OVERLOAD DETECT TIMER
 306 LENGTH OF CURRENT MESSAGE SEQUENCE = THE LENGTH OF MESSAGE SEQUENCE LAST TIMER IS ARRIVE?
 307 THE NUMBER OF REDUCED SIGNAL MESSAGE > OVERLOAD DECREMENT THRESHOLD?
 308 INCREASE THE NUMBER OF ACCESSED NEW SERVICE, SET SERVICE RECOVER TIMER
 309 THE NUMBER OF ADDED SIGNAL MESSAGE > OVERLOAD INCREMENT THRESHOLD?
 310 REDUCE THE NUMBER OF ACCESSED NEW SERVICE, SET SERVICE RECOVER TIMER
 311 CONTINUE DETECT
 1 YES
 2 NO

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1725/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :21/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : MICROEMULSIONS FOR PHARMACEUTICAL COMPOSITIONS

(51) International classification	:A61K 9/48
(31) Priority Document No	:60/535,581
(32) Priority Date	:09/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/000172
Filing Date	:06/01/2005
(87) International Publication No	:WO/2005/070399
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WYETH

Address of Applicant :5 GIRALDA FARMS, MADISON, NJ 07940
U.S.A.

(72)Name of Inventor :

1)BROPHY, KRISTINE, M.

2)SEYER, JEFFERY, J.

3)RAMSEY, PETER,

4)ROPER, CHRISTOPHER

5)DURBER, ANDREW

No of Pages : 18

No of Claims : 23

(57) Abstract :

The invention provides microemulsion pharmaceutical compositions comprising pharmaceutical actives which are hydrotropes that facilitate formation of microemulsions. The invention further provides methods of making the compositions and utilization of the compositions in liquid fill soft shell capsules including capsules having shells of nonanimal derived materials (e.g. non-ADRM).

(51) International classification	:B62H 1/12
(31) Priority Document No	:10/740,687
(32) Priority Date	:22/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2004/002168
Filing Date	:21/12/2004
(87) International Publication No	:WO/2005/061317
(61) Patent of Addition to Application Number:	NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BREVETS FUTEK-MSM LTEAddress of Applicant :1840, 1ST STREET, 101 ST-ROMUALD
QUEBEC G6W 5M6 Canada

(72)Name of Inventor :

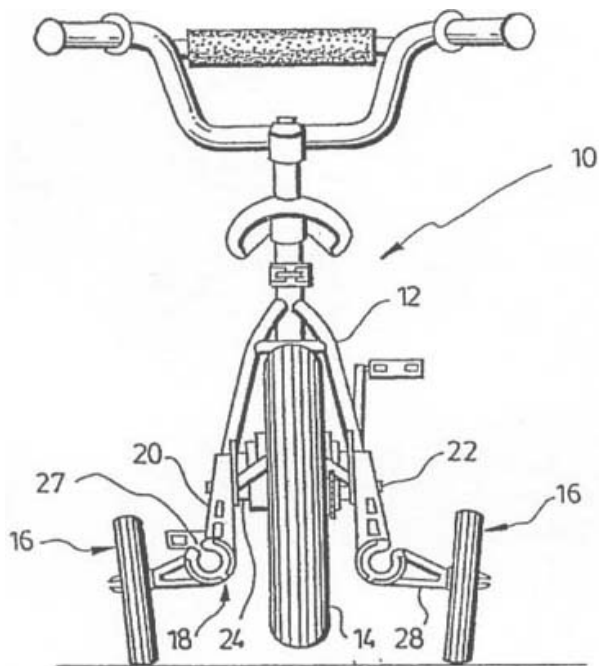
1)PLANA SALVIO

No of Pages : 27

No of Claims : 8

(57) Abstract :

This invention is a single-piece side wheel attachment member for removably attaching an auxiliary side wheel to a bicycle. The attachment member comprises a single-piece molded structure, including an upper vertical portion and a lower substantially horizontal spindle portion connected to said vertical portion through a C-shape compliant structure for allowing said spindle portion to move vertically when subjected to force. In its natural unbiased condition, the vertical and horizontal portions of the member extend generally perpendicular to one another. The upper vertical portion includes a projection and at least one through-hole for insertion on the rear wheel axle of the bicycle. The horizontal spindle portion is rotatably engaged by the auxiliary side wheel, therefore acting as its axle. Both ends of the attachment member can angularly move relative to one another due to the C-shape compliant structure. The novelty of this invention resides in the structural simplicity of the side wheel attachment member which is, as previously stated, constructed from a single piece of material molded into a C-shape compliant structure.



(54) Title of the invention : FORMULATIONS OF HYDROPHOBIC PROTEINS IN AN IMMUNOGENIC COMPOSITION HAVING IMPROVED TOLERABILITY

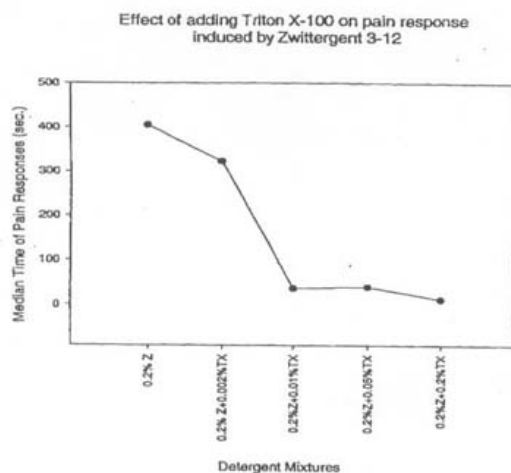
(51) International classification	:A61K39/095,A61K47/18	(71)Name of Applicant :	
(31) Priority Document No	:60/533,122	1)WYETH	
(32) Priority Date	:30/12/2003	Address of Applicant :FIVE GIRALDA FARMS MADISON, NJ 07940	
(33) Name of priority country	:U.S.A.	U.S.A.	
(86) International Application No	:PCT/US2004/043792	(72)Name of Inventor :	
Filing Date	:28/12/2004	1)HOISETH, SUSAN KAY	
(87) International Publication No	:WO/2005/065708	2)METCALF, THOMAS NEWELL, III	
(61) Patent of Addition to Application Number	:NA	3)MATSUKA, YURY VLADIMIROVICH	
Filing Date	:NA	4)HAGEN, MICHAEL	
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

No of Pages : 68

No of Claims : 65

(57) Abstract :

The present invention provides a method for producing a less-painful immunogenic composition of a hydrophobic protein in a pharmaceutically acceptable carrier suitable for administering to a mammal, comprising the steps of (a) solubilizing said hydrophobic protein with a zwitterionic detergent to make a first composition; (b) altering said first composition, such that the altered composition produces a reduction in pain as measured in the rat footpad model as compared to said first composition.



Z - Zwittergent 3-12
TX - Triton X-100

(54) Title of the invention : SYSTEM CONSISTING OF BANK NOTE PROCESSING MACHINES, BANK NOTE PROCESSING MACHINE AND ASSOCIATED OPERATING METHOD

(51) International classification :G07D11/00,G07D7/00
 (31) Priority Document No :103 60 861.3
 (32) Priority Date :23/12/2003
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2004/014508
 Filing Date :20/12/2004
 (87) International Publication No :WO/2005/064550
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)GIESECKE & DEVRIENT GMBH

Address of Applicant :PRINZREGENTENSTRASSE 159, 81677 MUNCHEN, Germany

(72)Name of Inventor :

1)DIETZ JURGEN

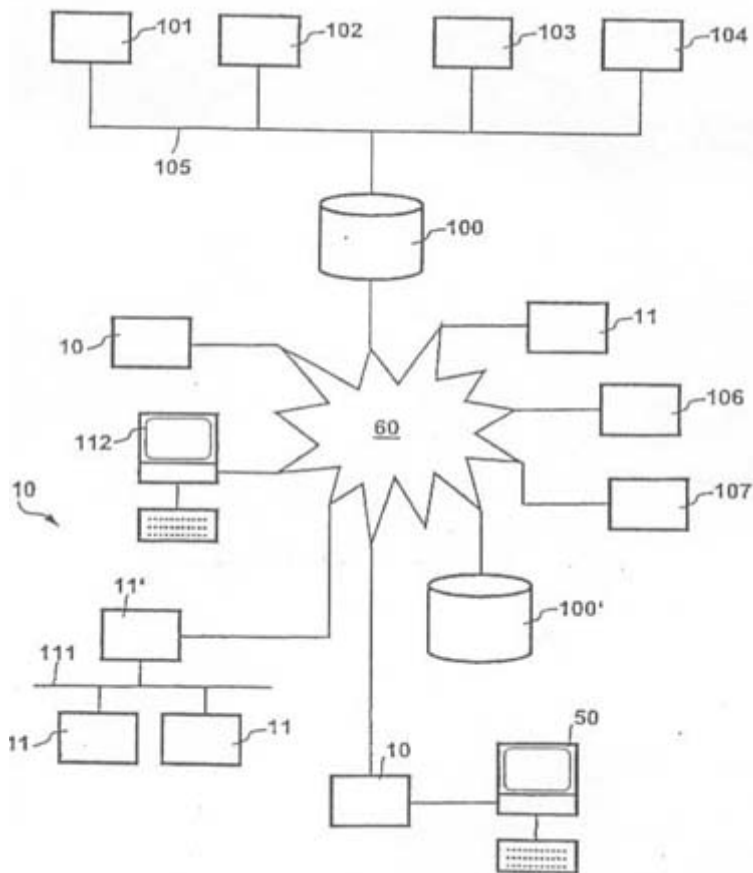
2)MATZIG CHRISTOPH

No of Pages : 54

No of Claims : 81

(57) Abstract :

The invention relates to a system consisting of bank note processing machines, to a bank note processing machine and to an associated operating method, according to which the data required for the operation of the bank note processing machines is exchanged between the bank note processing machines and a service centre.



(54) Title of the invention : AUDIO CODING BASED ON BLOCK GROUPING

(51) International classification :G10L 19/02
 (31) Priority Document No :60/537,984
 (32) Priority Date :20/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/001715
 Filing Date :19/01/2005
 (87) International Publication No :WO/2005/071667
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

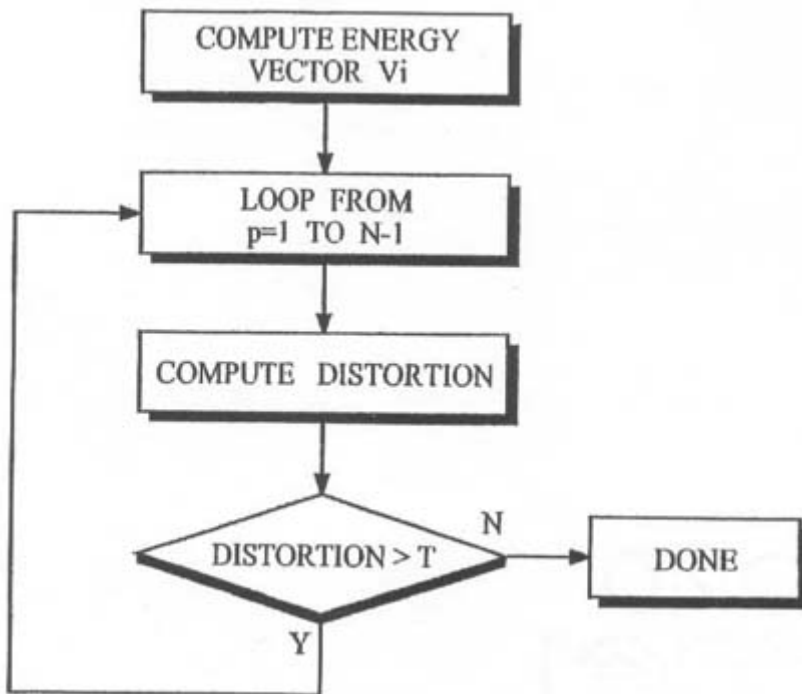
(71)Name of Applicant :
1)DOLBY LABORATORIES LICENSING CORPORATION
 Address of Applicant :100 POTRERO AVENUE, SAN FRANCISCO
 CA 94103-4813 U.S.A.
 (72)Name of Inventor :
1)FELLERS, MATTHEW, CONARD
2)VINTON, MARK, STUART
3)BAUER, GLAUS
4)DAVIDSON, GRANT, ALLEN

No of Pages : 36

No of Claims : 27

(57) Abstract :

Blocks of audio information are arranged in groups that share encoding control parameters to reduce the amount of side information needed to convey the control parameters in an encoded signal. The configuration of groups that reduces the distortion of the encoded audio information may be determined by any of several techniques that search for an optimal or near optimal solution. The techniques include an exhaustive search, a fast optimal search and a greed merge, which allow the search technique to tradeoff the reduction in distortion against the bit rate of the encoded signal and/or the computational complexity of the search technique.



(54) Title of the invention : COHESIVE GELS FORM CROSS-LINKED HYALURONAN AND/OR HYLAN, THEIR PREPARATION AND USE

(51) International classification	:A61K 9/00
(31) Priority Document No	:60/533,429
(32) Priority Date	:30/12/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043811
Filing Date	:30/12/2004
(87) International Publication No	:WO 2005/066215
(61) 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 KEMDALL STREET, CAMBRIDGE, MA 02142 U.S.A.

(72)Name of Inventor :

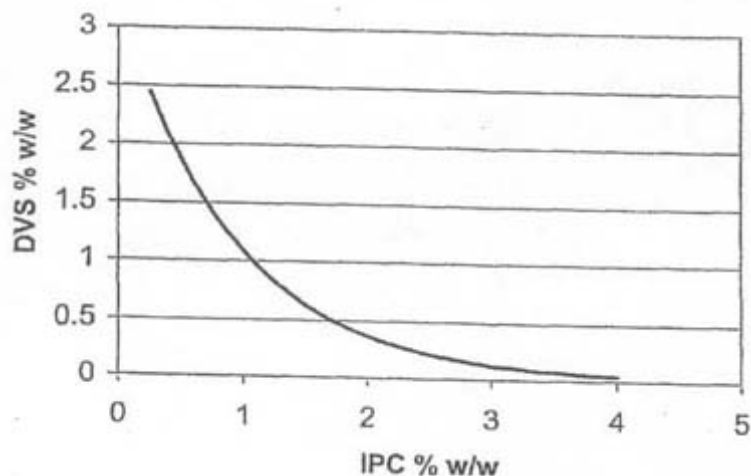
1)LESHCHINER ADELYA K.**2)KONOWICZ PAUL A.****3)VASILYEVA VALENTINA**

No of Pages : 53

No of Claims : 44

(57) Abstract :

Disclosed are highly resilient and cohesive gels formed by the cross-linking of hyaluronan or hylan, their salts or derivatives thereof, using divinyl sulfone (DVS) as the cross-linking agent. Also disclosed are viscoelastic fluids containing alkylsulfone groups covalently attached to the backbone of the polymer, formed by the mono-functionalization of the cross-linking monomer DVS with hyaluronan and/or hylan. Mechanical properties such as values of hardness and cohesiveness are specified by the rheological properties of the gels. Also disclosed are methods for the preparation of such products. They have use in many applications as injectable and/or implantable devices and as drug delivery systems.



(54) Title of the invention : NON-INVASIVE METHOD FOR DETECTING AND MEASURING FILLING MATERIAL IN VESSELS

(51) International classification :G01F 23/28
 (31) Priority Document No :60/532,747
 (32) Priority Date :23/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/043385
 Filing Date :23/12/2004
 (87) International Publication No :WO/2005/062945
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

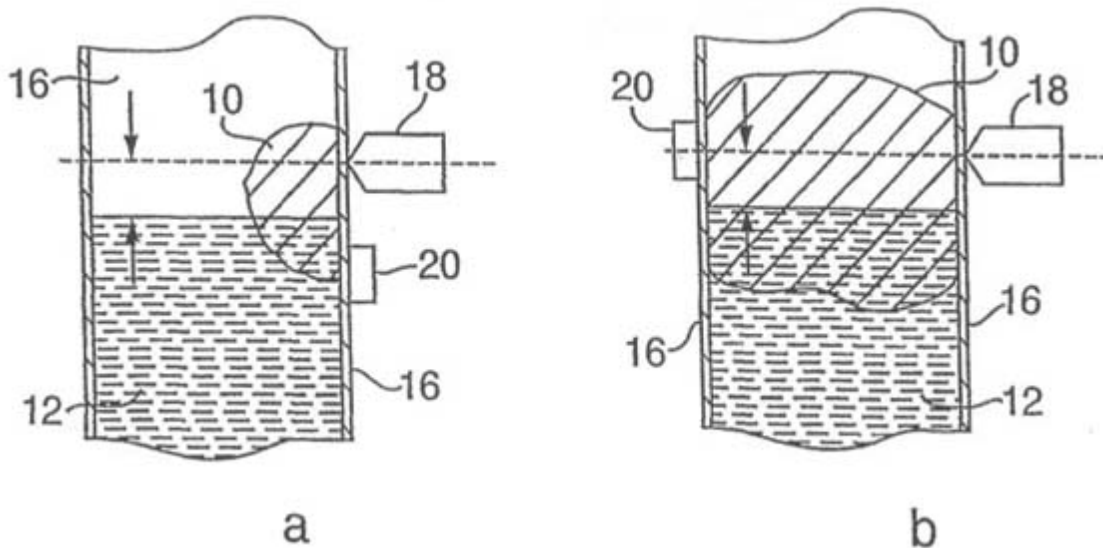
(71)Name of Applicant :
1)INESA, INC.
 Address of Applicant :50 LAS BRISAS CIRCLE, EAST
 GREENWICH, RHODE ISLAND 02818 U.S.A.
2)INESA EAST, LTD.
 (72)Name of Inventor :
1)FREGER DAVID I (DECEASED).
2)RAYKHMAN ALEXANDER M

No of Pages : 70

No of Claims : 84

(57) Abstract :

A non-invasive method for measuring the level of filling material in a vessel and for detecting the presence of the filling material in the vessel at a predetermined set point level is based on monitoring the oscillation of the vessel's outside wall that follows an impact load applied to the external surface of the vessel's wall. The method may employ short range level measurement and long range level measurement procedures. The short-range level measurement utilizes the macro-dynamic properties of the oscillating space in the vicinity of the center of the impact. The long-range level measurement utilizes the properties of the transverse elastic waves propagating along the vessel's wall after the impact. The value of the measured level may be determined by a joint evaluation of the output of the short range level measurement procedure and the output of the long range level measurement procedure.



(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING UPLINK/DOWNLINK PATH-LOSS DIFFERENCE

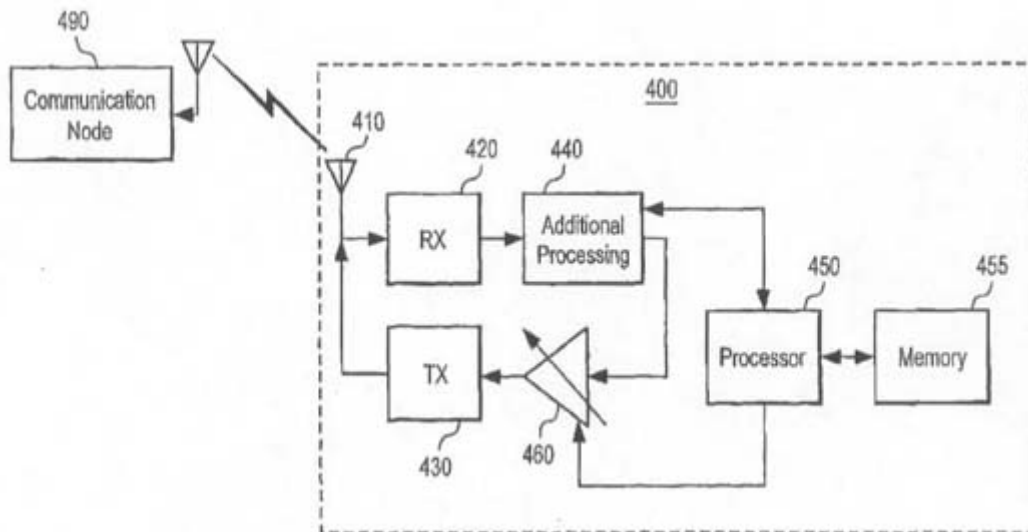
(51) International classification	:H04B 17/00 , H04B 7/005	(71)Name of Applicant :
(31) Priority Document No	:60/524,650	1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date	:25/11/2003	Address of Applicant :S-164 83, STOCKHOLM, Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/013170	1)BERNHARDSSON, BO
Filing Date	:19/11/2004	2)OHLSSON, JONAS
(87) International Publication No	:WO 2005/055462	3)ZIREN, MIKAEL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 40

(57) Abstract :

Methods and apparatus are described for estimating a path-loss difference between uplink and downlink communications at a first node communicating with a second node in a communication system. A quantity of access request preambles transmitted by the first node to the second node before an acknowledgement from the second node of successful receipt of a preamble is received at the first node is determined. A difference between an uplink path-loss attributed to communications from the first node to the second node and a downlink path-loss attributed to communications to the first node from the second node is estimated based on the transmitted preamble quantity determination. Once the path-loss difference is estimated, the estimate can be used for many purposes, such as to determine a transmission power of the first node.



(54) Title of the invention : A CONTROL SYSTEM

(51) International classification	:B21D
	55/00,B23Q17/22
(31) Priority Document No	:2003906838
(32) Priority Date	:11/12/2003
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2004/001739
Filing Date	:10/12/2004
(87) International Publication No	:WO/2005/056207
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DAVIES, Kevin, Stephan

Address of Applicant :18 Tecoma Street, Duncraig, perth, Western Australia 6023 Australia

(72)Name of Inventor :

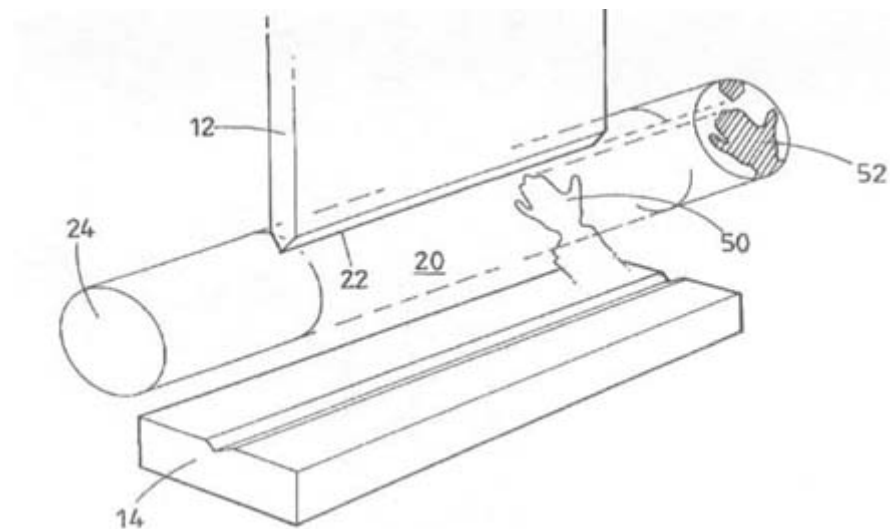
1)DAVIES, Kevin Stephen

No of Pages : 34

No of Claims : 28

(57) Abstract :

A control system for use with a machine having a moving tool arranged to move through a known path of movement. The control system includes a means for detecting the location of objects in or adjacent the path of the tool (12) and a processing and control means arranged to determine the distance between the objects in or adjacent the path of the tool and a leading edge (22) of the tool (12). The control system includes at least one mode of operation in which the processing and control means controls movement of the tool (12) such that the distance between the objects in or adjacent the path of the tool and the leading edge (22) of the tool (12) is maintained within minimum and maximum values.



(54) Title of the invention : METHOD AND APPARATUS FOR USE IN REAL-TIME, INTERACTIVE RADIO COMMUNICATIONS

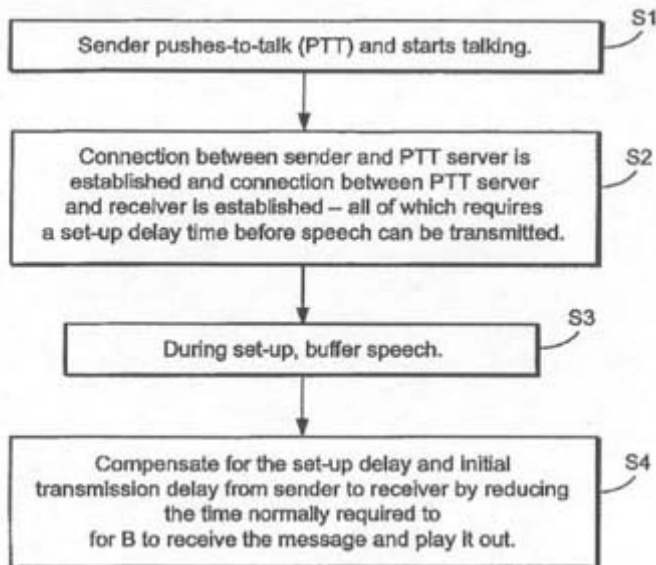
(51) International classification	:H04B 1/66,H04J 3/06	(71) Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant :S-164 83 Stockholm Sweden
(31) Priority Document No	:10/719,018	(72) Name of Inventor :
(32) Priority Date	:24/11/2003	1)EKSTROM, Hannes
(33) Name of priority country	:U.S.A.	2)WIEMANN, Henning
(86) International Application No	:PCT/SE2004/001618	3)SCHIEDER, Andreas
Filing Date	:09/11/2004	
(87) International Publication No	:WO/2005/051016	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 34

No of Claims : 43

(57) Abstract :

Delays associated with real-time, interactive communications are reduced. A communication device A engages in a real-time, interactive communication with a communication device B. User A provides is established between A and B which takes a certain delay time. That delay time is compensated for so that user B receives A's digital content and can respond to it faster than B could without the delay time compensation. This faster response by the B to A's communication enhances the interactive, real time, conversational feel of their communication. FIG.3



(54) Title of the invention : DERIVATIVES OF 1-PIPERAZINE- AND 1-HOMOPIPERAZINE-CARBOXYLATES, PREPARATION METHOD THEREOF AND USE OF SAME AS INHIBITORS OF THE FAAH ENZYME

(51) International classification :A61K 31/551
 (31) Priority Document No :0315248
 (32) Priority Date :23/12/2003
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2004/003289
 Filing Date :17/12/2004
 (87) International Publication No :WO 2005/070910
 (61) 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, FR-75013, PARIS

France

(72)Name of Inventor :

1)ABOUABDELLAH, AHMED

2)ALMARIO GARCIA, ANTONIO

3)HOORNAERT, CHRISTIAN

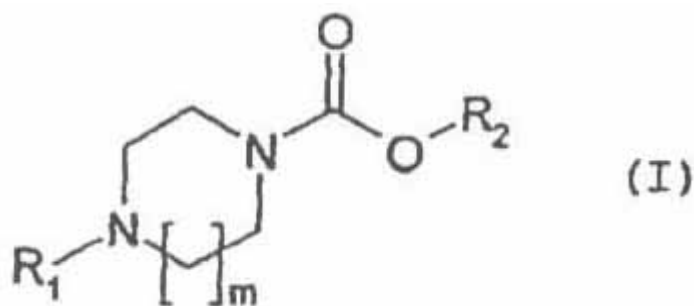
4)LI, ADRIEN, TAK

No of Pages : 52

No of Claims : 13

(57) Abstract :

The invention relates to a compound having general formula (I), wherein: m represents an integer equal to 1 or 2; R₁ represents an aryl- or heteroaryl-type group that is optionally substituted by one or more R₃ or R₄ groups; R₂ represents a group having general formula CHR₅CONHR₆; R₃ represents a halogen atom or a hydroxy, cyano, nitro, C1-6-alkyl, C1-6-alkoxy, C1-6-thioalkyl, C1-6-fluoroalkyl, C1-6-fluoroalkoxy, -O-(C2-3-alkylene)-, -O-(C1-3-alkylene)-O-, C1-6-fluorothioalkyl, C3-7-cycloalkyl, C3-7-cycloalkyl-C1-3-alkylene, piperidinyl, benzyloxy, piperazinyl, pyrrolidinyl, morpholinyl, phenyloxy, NR₇R₈, NHCOR₇, NHSO₂R₇, COR₇, CO₂R₇, CONR₇R₈, SO₂R₇ or SO₂NR₇R₈ group; R₄ represents an aryl- or heteroaryl-type group, whereby the R₄ group(s) can be substituted by one or more identical or different R₃ groups; R₅ represents a hydrogen atom or a C1-3-alkyl group; R₆ represents a hydrogen atom or a C1-6-alkyl, C3-7-cycloalkyl or C3-7-cycloalkyl-C1-3-alkylene group; and R₇ and R₈ represent, independently of each other, a hydrogen atom, a C1-3-alkyl group or a phenyl group, said compound taking the form of a base, an acid addition salt, a hydrate or a solvate. The invention also relates to the use of the compound in therapeutics.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1736/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : CONTROL OF OXYGENATION

(51) International classification	:C12G 1/00
(31) Priority Document No	:2003906581
(32) Priority Date	:28/11/2003
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2004/001632
Filing Date	:25/11/2004
(87) International Publication No	:WO 2005/052114
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

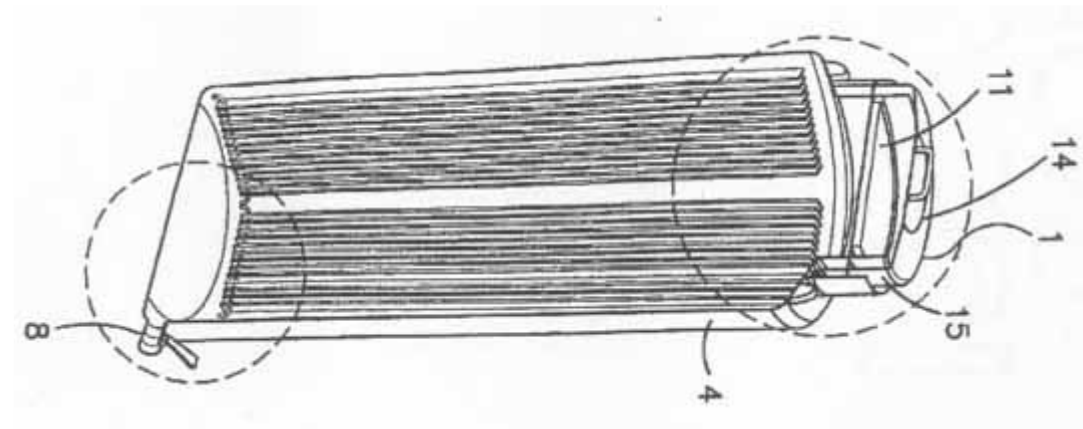
(71)**Name of Applicant :**
1)FLEXTANK PTY LTD.
Address of Applicant :370 YARRAVIEW ROAD, YARRA GLEN,
VICTORIA 3775 Australia
(72)**Name of Inventor :**
1)FLECKNOE-BROWN, ANTHONY, EARL
2)UNWIN, MICHAEL, JAMES

No of Pages : 17

No of Claims : 21

(57) Abstract :

A container assembly for controlling rate of oxygen transfer from the atmosphere into a liquid stored in the container assembly comprising, a container (4) with an oxygen permeability of 50ml to 300ml of oxygen per square metre of area of walls of the container for each millimeter of the thickness of the walls per 24 hour period at room temperature, a barrier member (11) for providing a barrier to limit oxygen access from head space in the container to a surface of the liquid the barrier member having a construction which causes it to float on the liquid surface, and a peripheral flange (12) surrounding the barrier member arranged so that it makes a slidable peripheral seal with the walls of the container.



(54) Title of the invention : AN IMPLANT FOR OCCLUDING A BODY PASSAGE

(51) International classification :A61B17/00
 :A61B17/12
 (31) Priority Document No :PCT/CH2004/000059
 (32) Priority Date :04/02/2004
 (33) Name of priority country :Switzerland
 (86) International Application No :PCT/CH2004/000059
 Filing Date :04/02/2004
 (87) International Publication No :WO 2005/074813
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)CARAG AG

Address of Applicant :BAHNHOFSTRASSE 9, CH-6340 BAAR, Switzerland

(72)Name of Inventor :

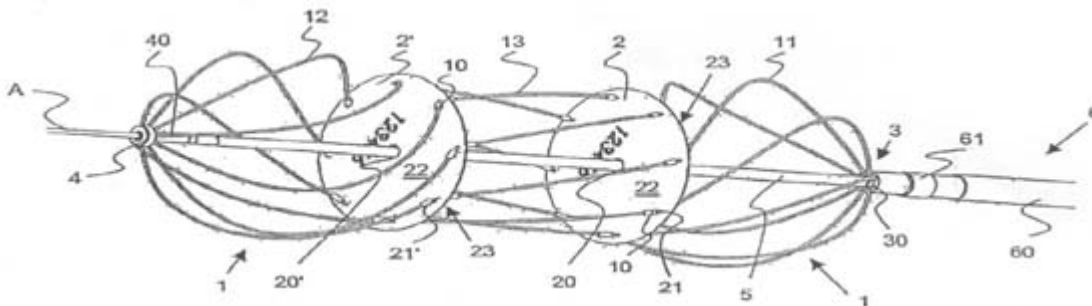
1)THOMMEN DANIEL**2)FURRER SIMON****3)BERNHARD JEROME****4)CHRISTEN LUKAS****5)EGLI SILVA****6)GUNDI FRANZISKA****7)ROBERT MARC****8)SUTER FRANZ**

No of Pages : 16

No of Claims : 14

(57) Abstract :

An implant for occluding a passage in a circulatory system of a human body comprises elongate members (1) which can be twisted into fixation structures and at least two occluding bodies (2, 2') being attached to the elongate members (1) and being arranged at a distance to each other. This implant combines the advantages of a single occluding body implant with the advantages of a double occluding body implant.



(54) Title of the invention : METHOD FOR BINDING A QUIRE AND DEVICE APPLIED THEREBY

(51) International classification :B26F 1/22, B31F 5/02,B42F 3/00
 (31) Priority Document No :2004/0046
 (32) Priority Date :29/01/2004
 (33) Name of priority country :Belgium
 (86) International Application No :PCT/BE2005/000007
 Filing Date :21/01/2005
 (87) International Publication No :WO 2005/072943
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

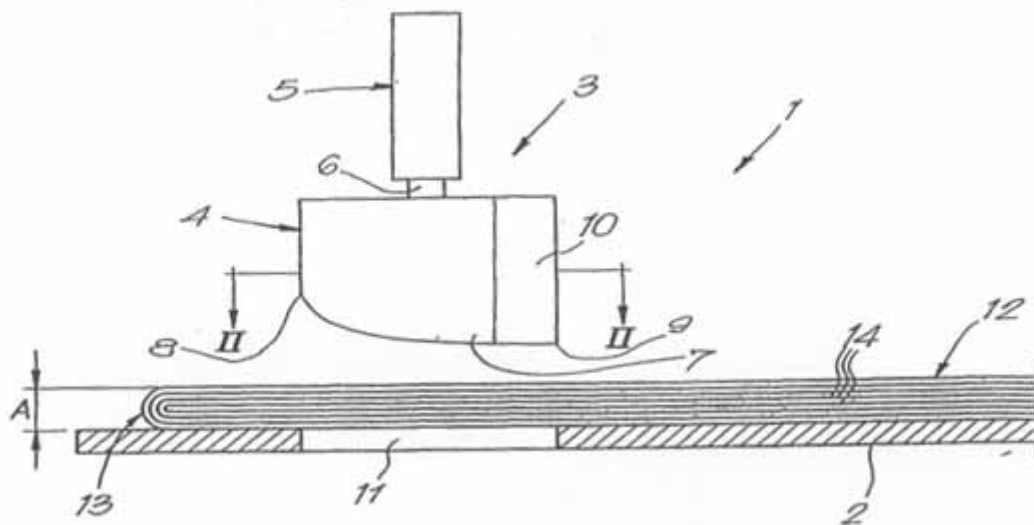
(71)Name of Applicant :
1)PENNE, ATEFAAN
 Address of Applicant :LINDEVELDSTRAAT 28, B-9308,
 HOFSTADE, Belgium
 (72)Name of Inventor :
1)PENNE, STEFAAN

No of Pages : 16

No of Claims : 15

(57) Abstract :

Method for binding a quire formed of folded sheets slipped into each other, characterised in that it consists in providing at least one cut (16) through the sheets (14) of the quire (12) as of a short distance from the folding edge (13) of the quire (12), whereby every cut (16) through a sheet (14) of the quire (12) defines a lip (17) extending mainly crosswise to the above-mentioned folding edge (13) of the quire (12) and which is connected to the quire (12) with its far end (18) turned towards the folding edge (13), and whereby said lip (17) has a widening (19).



(54) Title of the invention : METHOD FOR HANDOVER BETWEEN ASYNCHRONOUS COMMUNICATION NETWORK AND SYNCHRONOUS COMMUNICATION NETWORK

(51) International classification :H04B 7/26
 (31) Priority Document No :10-2004-0000714
 (32) Priority Date :06/01/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/000023
 Filing Date :05/01/2005
 (87) International Publication No :WO/2005/067176
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

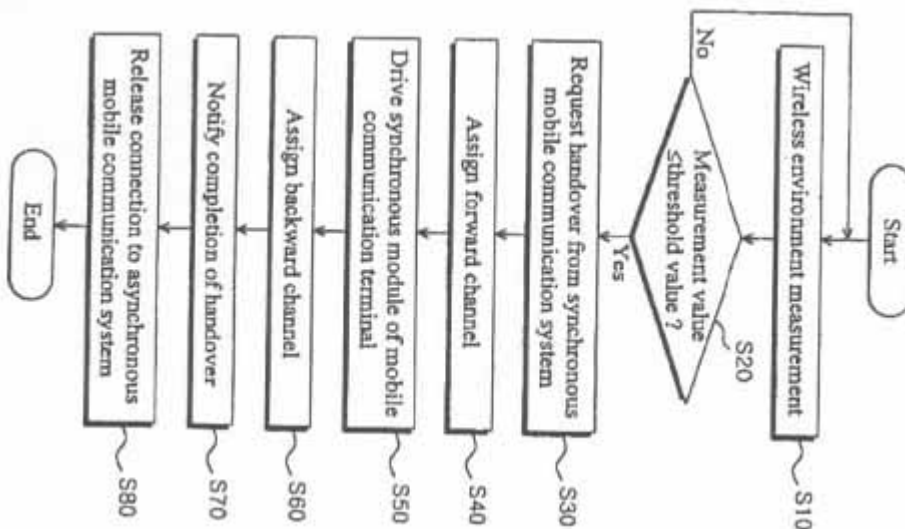
(71)Name of Applicant :
1)SK TELECOM CO. LTD.
 Address of Applicant :99, SEORIN-DONG, JONGRO-GU, SEOUL
 110-110 Republic of Korea
 (72)Name of Inventor :
1)KIM, YOUNG-LAK
2)SHIN, SUNG-HO
3)IHM, JONG-TAE

No of Pages : 26

No of Claims : 6

(57) Abstract :

A handover method for a mobile communication terminal is disclosed. In the handover method, a radio network controller periodically measures the wireless environment of a mobile communication terminal, determines whether handover is required, and informs the asynchronous mobile switching center of the asynchronous communication system that the handover is required. The asynchronous mobile switching center requests the handover and a synchronous mobile switching center assigns a forward channel to the mobile communication terminal. The mobile communication terminal prepares for communication with a synchronous mobile communication system according to the direction of the asynchronous mobile switching center, and causes a backward channel with respect to the synchronous communication system to be assigned to the mobile communication terminal. The synchronous mobile switching center informs the asynchronous mobile switching center that handover has been completed, and causes a connection between the asynchronous mobile switching center and the radio network controller to be released.



(54) Title of the invention : METHOD FOR CONTROLLING MULTI-MODE MULTI-BAND MOBILE COMMUNICATION TERMINAL FOR HAND-OVER BETWEEN ASYNCHRONOUS COMMUNICATION NETWORK AND SYNCHRONOUS COMMUNICATION NETWORK AND MOBILE COMMUNICATION SYSTEM THEREFOR

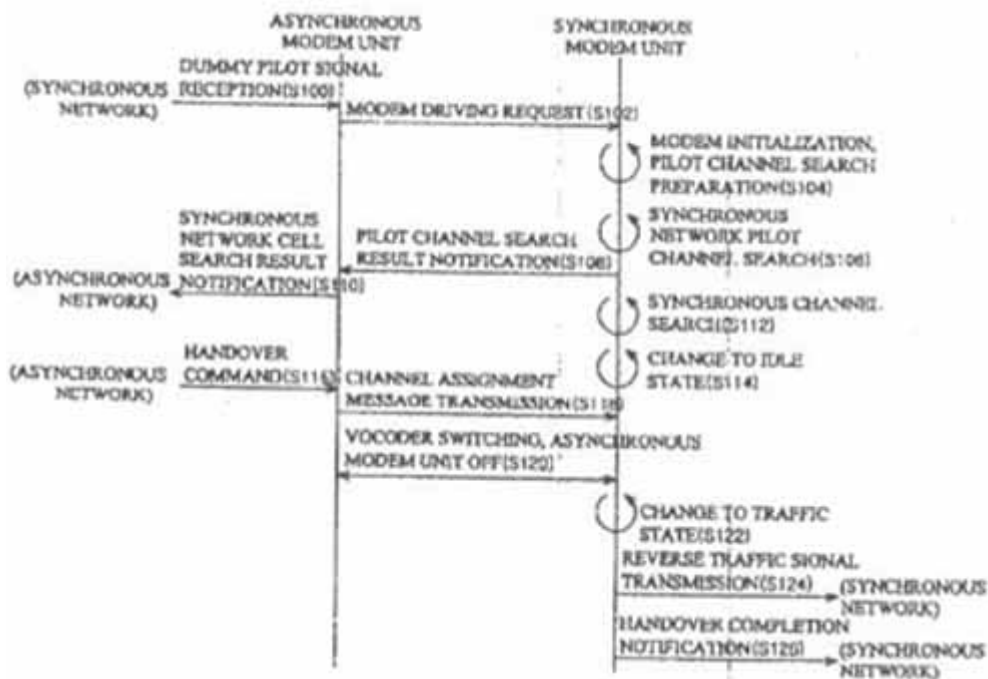
(51) International classification	:H04B 7/26	(71)Name of Applicant :
(31) Priority Document No	:10-2004-000715	1)SK TELECOM CO., LTD.
(32) Priority Date	:06/01/2004	Address of Applicant :99, SEORIN-DONG, JONGRO-GU, SEOUL
(33) Name of priority country	:Republic of Korea	110-110 Republic of Korea
(86) International Application No	:PCT/KR2005/000029	(72)Name of Inventor :
Filing Date	:06/01/2005	1)KIM, YOUNG-LAK
(87) International Publication No	:WO/2005/067177	2)SHIN, SUNG-HO
(61) Patent of Addition to Application Number	:NA	3)KIM, HYUN-WOOK
Filing Date	:NA	4)IHM, JONG-TAE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 41

No of Claims : 15

(57) Abstract :

The present invention relates to a method of controlling communication terminal and mobile communication system therefor. In the mobile communication terminal control method, a synchronous base station of a synchronous area placed at the boundary region of an asynchronous area transmits a dummy pilot signal at the same frequency as that of a signal used in the asynchronous mobile communication system and drives a modem unit of the mobile communication terminal moving from the asynchronous area to the synchronous area. A handover cell is constructed at the boundary between synchronous and asynchronous areas, and a handover base station in the handover cell transmits a signal including system information at the same frequency as that of a signal used in the asynchronous mobile communication system, thus driving the synchronous modem unit of the mobile communication terminal entering the handover cell.



(54) Title of the invention : ROLLER BEARING

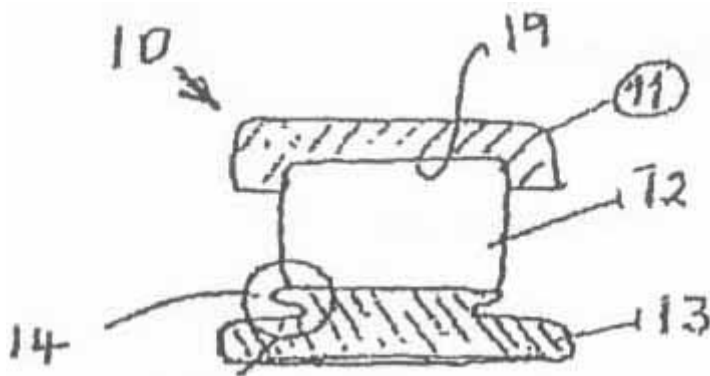
(51) International classification	:F16C	(71)Name of Applicant :
(31) Priority Document No	:0402255.4	1)HANSEN TRANSMISSIONS INTERNATIONAL, NAAMLOZE VENNOOTSCHAP
(32) Priority Date	:03/02/2004	Address of Applicant :LEONARDO DA VINCILAAN 1, B-2650,
(33) Name of priority country	:U.K.	EDEGEM, Belgium
(86) International Application No	:PCT/BE2005/000013	(72)Name of Inventor :
Filing Date	:02/02/2005	1)SMOOK, WARREN, GREGORY
(87) International Publication No	:WO 2005/075843	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 12

No of Claims : 13

(57) Abstract :

A roller bearing (10) comprises a plurality of bearing rollers (12) located between confronting bearing surfaces (16, 19), said bearing surfaces being rotatable one relative to the other about the rotational axis of the bearing, and said bearing comprising biasing means (18) which provides a force acting in a direction between said confronting bearing surfaces (16, 19) whereby, under all load conditions for which the bearing is designed for use, each bearing roller is retained in contact with each of said confronting bearing surfaces.



(54) Title of the invention : DIGITAL BROADCAST TRANSMITTING/RECEIVING SYSTEM HAVING AN IMPROVED RECEIVING PERFORMANCE AND SIGNAL PROCESSING METHOD THEREOF

(51) International classification :H04N 7/015
 (31) Priority Document No :60/539,111
 (32) Priority Date :27/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/KR2005/000179
 Filing Date :20/01/2005
 (87) International Publication No :WO/2005/071958
 (61) 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)JEONG HAE-JOO

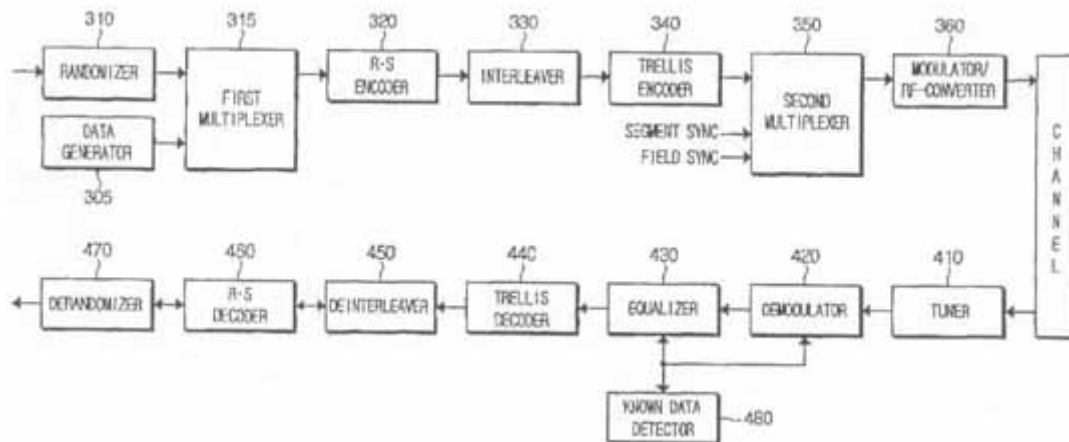
2)CHANG YONG-DEOK

No of Pages : 24

No of Claims : 27

(57) Abstract :

A digital broadcast transmitting/receiving system and a signal processing method thereof that can improve the receiving performance of the system. A digital broadcast transmitter has a randomizer to randomize an input data stream which has null bytes being inserted at a specified position, a multiplexer to output a data stream formed by inserting specified known data into the position of the null bytes of the randomized data stream, an encoder to encode the data stream outputted from the multiplexer, and a modulator/RF-converter to modulate the encoded data, RF-convert the modulated data and transmit the RF-converted data. The receiving performance of the digital broadcast transmitting/receiving system can be improved even in a multi-path channel by detecting the known data from the received signal and using the known data in synchronization and equalization in a digital broadcast receiver.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1743/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF OPTICALLY ACTIVE CYCLOHEXENONES

(51) International classification	:C07C 45/66	(71)Name of Applicant :
(31) Priority Document No	:04100615.6	1)FIRMENICH SA
(32) Priority Date	:16/02/2004	Address of Applicant :1, ROUTE DES JEUNES, P.O.BOX 239 1211
(33) Name of priority country	:EUROPEAN UNION	GENEVA 8, Switzerland
(86) International Application No	:PCT/IB2005/000399	(72)Name of Inventor :
Filing Date	:15/02/2005	1)KNOPFF, OLIVER
(87) International Publication No	:WO/2005/077875	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 13

(57) Abstract :

The present invention relates to a process for the preparation of an optically active 5-substituted cyclohexenone (II) by treating an achiral macrocyclic 3-substituted-1,5-diketone (I) in the presence of an optically active sodium, potassium or cesium alkoxide.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1744/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :22/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : VIRTUAL KEYBOARD SYSTEM WITH AUTOMATIC CORRECTION

(51) International classification	:G09G 5/00
(31) Priority Document No	:60/532,131
(32) Priority Date	:22/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043329
Filing Date	:22/12/2004
(87) International Publication No	:WO 2005/064587
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)AMERICA ONLINE, INC.

Address of Applicant :22000 AOL WAY, DULLES, VA 20166 U.S.A.

(72)**Name of Inventor :**

1)LONGE MICHAEL R

2)VAN MEURS PIM

No of Pages : 115

No of Claims : 58

(57) Abstract :

There is disclosed an enhanced text entry system which uses word-level analysis to correct inaccuracies automatically in user keystroke entries on reduced-size or virtual keyboards. A method and system are defined which determine one or more alternate textual interpretations of each sequence of inputs detected within a designated auto-correcting region. The actual interaction locations for the keystrokes may occur outside the boundaries of the specific keyboard key regions associated with the actual characters of the word interpretations proposed or offered for selection, where the distance from each interaction location to each corresponding intended character may in general increase with the expected frequency of the intended word in the language or in a particular context. Likewise, in a virtual keyboard system, the keys actuated may differ from the keys actually associated with the letters of the word interpretations. Each such sequence corresponds to a complete word, and the user can easily select the intended word from among the generated interpretations. Additionally, when the system cannot identify a sufficient number of likely word interpretation candidates of the same length as the input sequence, candidates are identified whose initial letters correspond to a likely interpretation of the input sequence.

(54) Title of the invention : CYCLIC AMINE DERIVATIVE HAVING HETEROARYL RING

(51) International classification	:C07D 211/72
(31) Priority Document No	:2003-399960
(32) Priority Date	:28/11/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/017974
Filing Date	:26/11/2004
(87) International Publication No	:WO 2005/051913
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SANKYO COMPANY, LIMITEDAddress of Applicant :5-1, NIHONBASHI HONCHO 3-CHOME,
CHUO-KU, TOKYO 103-8426 Japan

(72)Name of Inventor :

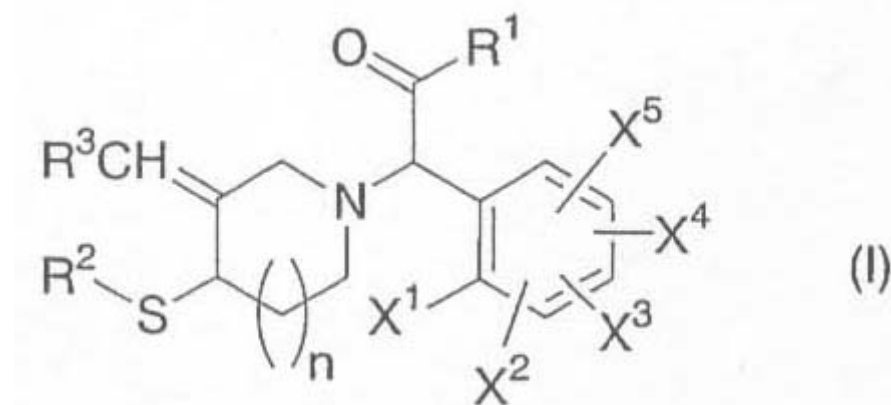
1)KIMURA, TOMIO**2)TANAKA, NAOKI****3)SUGIDACHI, ATSUSHI****4)KONOSU, TOSHIYUKI**

No of Pages : 488

No of Claims : 30

(57) Abstract :

A compound represented by the general formula (I): (I) (wherein R represents C1-6 alkyl, etc.; R represents hydrogen, C2-7 alkanoyl, C7-11 arylcarbonyl, the formula R-(CH₂)_l-, etc.; R represents C6-10 aryl, etc.; X, X, X, X, and X each independently represents hydrogen, halogeno, etc.; and n is an integer of 0 to 2), a pharmacologically acceptable salt of the compound, or a prodrug of either. They have excellent platelet activation inhibitory activity, etc. and are useful as a preventive or therapeutic agent for thromboembolization diseases.



(54) Title of the invention : DEVICE FOR PICKING UP A SECTION OF A WEFT THREAD

(51) International classification	:B65H 59/26,D03D47/34
(31) Priority Document No	:10361244.0
(32) Priority Date	:22/12/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/013883
Filing Date	:07/12/2004
(87) International Publication No	:WO 2005/064059
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PICANOL N.V.Address of Applicant :TER WAARDE 50, B-8900 LEPER, BELGIUM
Belgium

(72)Name of Inventor :

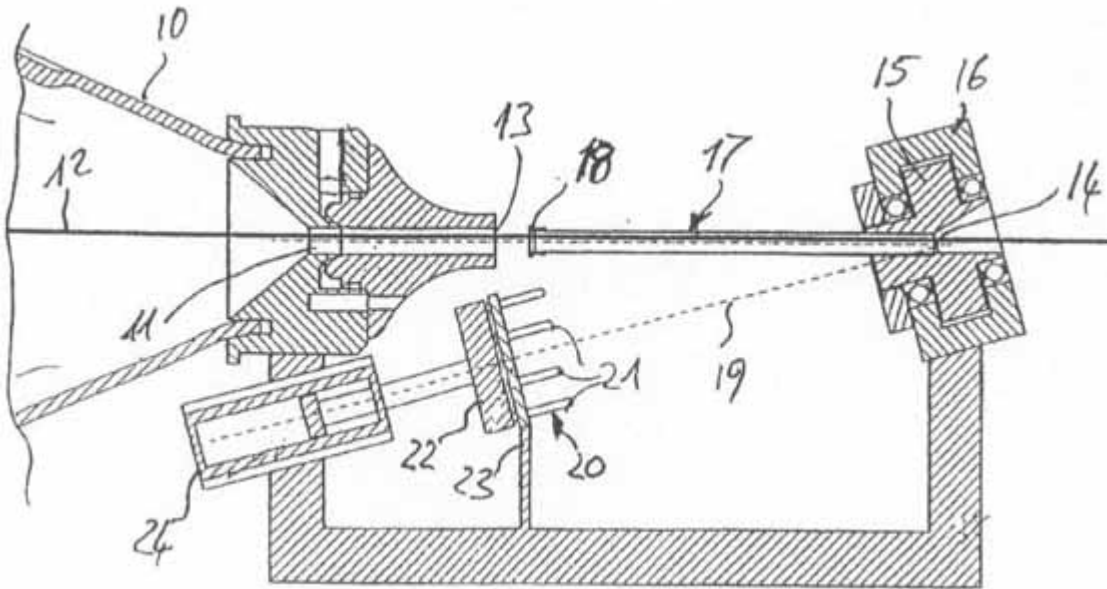
1)PEETERS, JOZEF

No of Pages : 14

No of Claims : 12

(57) Abstract :

Disclosed is a device for a power loom, which is mounted between a pre-winding apparatus and a weft-picking apparatus and is provided with a third deflection element (18) that is disposed between two other deflection elements (13, 14). Said third deflection element (18) can be moved along a trajectory extending around a thread-depositing apparatus (20) by means of an electric drive unit (16).



(54) Title of the invention : OPTICAL ARRANGEMENT WITH STEPPED LENS

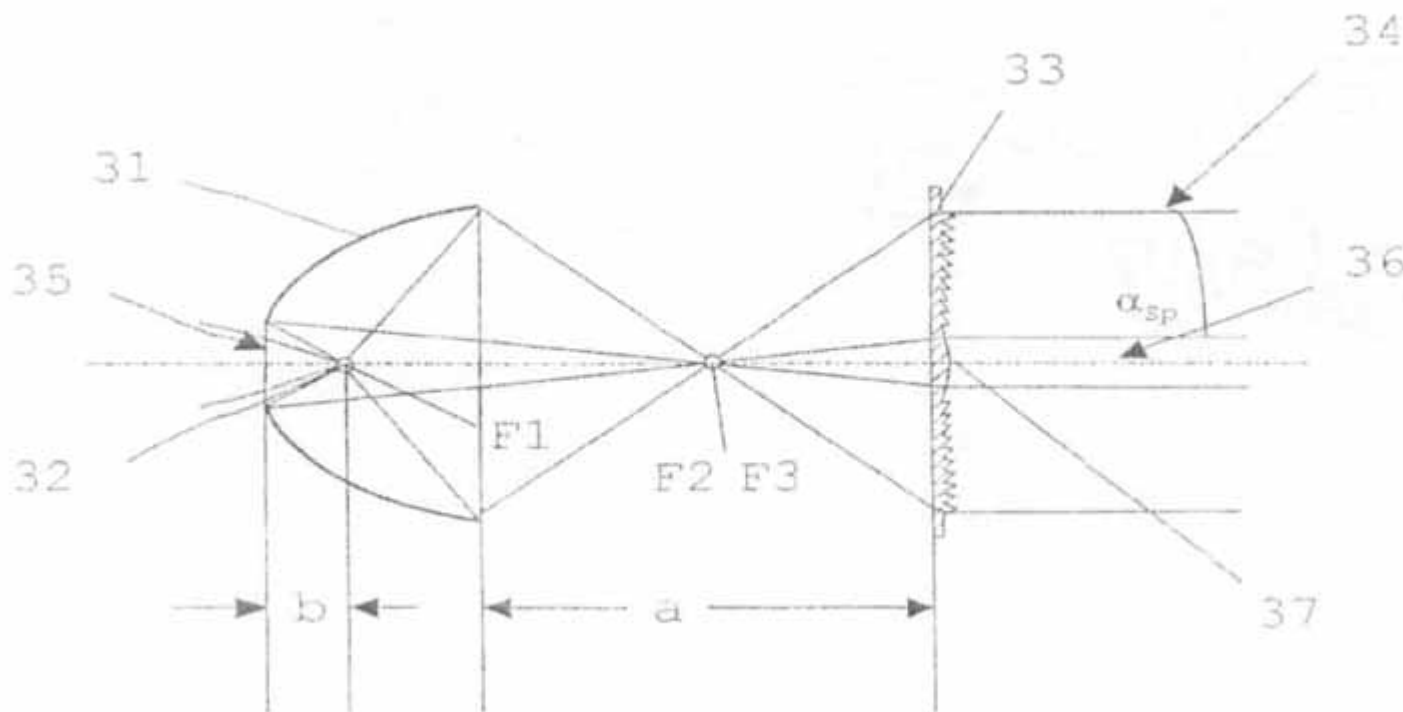
(51) International classification	:F21L4/00,F21L4/04	(71)Name of Applicant :
(31) Priority Document No	:10361121.5	1)SCHOTT AG
(32) Priority Date	:22/12/2003	Address of Applicant :HATTENBERG STRASSE 10, 55112 MAINZ
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2004/014642	(72)Name of Inventor :
Filing Date	:22/12/2004	1)KITTELMANN RUDIGER
(87) International Publication No	:WO 2005/061956	2)WAGENER HARRY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 61

No of Claims : 66

(57) Abstract :

The invention comprises an optical arrangement for illumination purposes, in particular for a stepped lens spotlight, comprising a stepped lens with a light-diffusing element, in particular a diffusing screen, in which the diffusing screen is arranged in a first region and the stepped lens is arranged in a second region, and in which, with the change in the shape of the light impinging on the optical arrangement and/or the size of the light illuminating the optical arrangement, it is possible to set the aperture angle of the light emerging from the optical arrangement, in particular between two limit values, a smaller α_{sp} and a larger α_{F1} .



(54) Title of the invention : 3-(4-BENZYLOXYPHENYL)PROPANOIC ACID DERIVATIVES

(51) International classification	:C07C 309/12
(31) Priority Document No	:2003-431629
(32) Priority Date	:25/12/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/019741
Filing Date	:24/12/2004
(87) International Publication No	:WO 2005/063729
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TAKEDA PHARMACEUTICAL COMPANY LIMITED

Address of Applicant :1-1, DOSHOMACHI 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541-0045 Japan

(72)Name of Inventor :

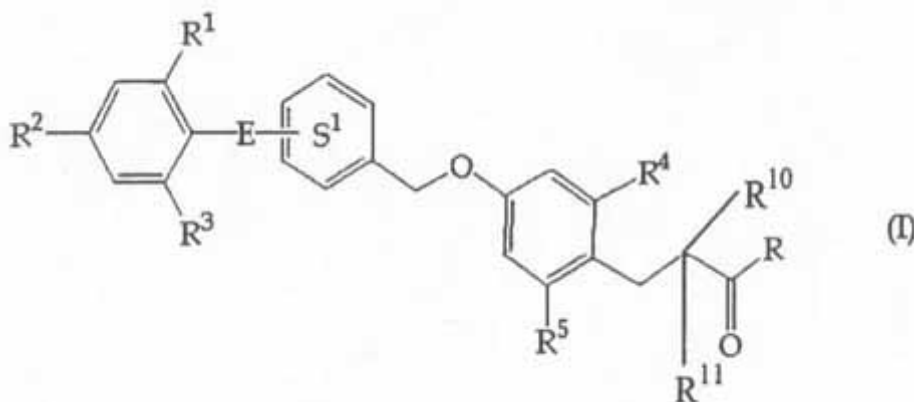
1)YASUMA, TSUNEO**2)KITAMURA, Shuji****3)NEGORO, Nobuyuki**

No of Pages : 166

No of Claims : 20

(57) Abstract :

The present invention provides a novel compound represented by the formula (I) wherein each symbol is as defined in the specification, a salt thereof and a prodrug thereof having a superior GPR40 receptor function modulating action, which can be used as an insulin secretagogue, an agent for the prophylaxis or treatment of diabetes and the like. They unexpectedly show superior GPR40 receptor agonist activity, and also show superior properties as a pharmaceutical product, such as stability and the like. Thus, they can be safe and useful pharmaceutical agents for the prophylaxis or treatment of GPR40 receptor related diseases in mammals.



(54) Title of the invention : DEVICE FOR HEAT TREATING A MOVING TEXTILE YARN

(51) International classification	:D02J 13/00
(31) Priority Document No	:0315335
(32) Priority Date	:18/12/2003
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2004/050660
Filing Date	:07/12/2004
(87) International Publication No	:WO 2005/061767
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RIETER TEXTILE MACHINERY FRANCEAddress of Applicant :ALEE CHARLES BARON, Z.I.LES AUREATS,
F-26014 VALENCE CEDEX, France

(72)Name of Inventor :

1)MATAS CARLOS**2)CHALET JULIEN****3)CANUEL SEBASTIAEN**

No of Pages : 17

No of Claims : 7

(57) Abstract :

The inventive device is characterised in that means (3, 4) or (5) and means (1) or (2) are connected to organs for positioning said means or to exposed them to relative displacing motions in order to obtain, on request, according to desired elasticity and curling level and to the nature of a treatable yarn, a contact operating mode when said yarn totally or partially contacts with a contact line which is heated directly or by heat transfer or a contactless mode when the yarn is not in touch with said contact line.



(54) Title of the invention : BLOWER TYPE CHEMICAL DIFFUSING APPARATUS, AND CHEMICAL CARTRIDGE AND CHEMICAL IMPREGNATED BODY USED THEREFOR

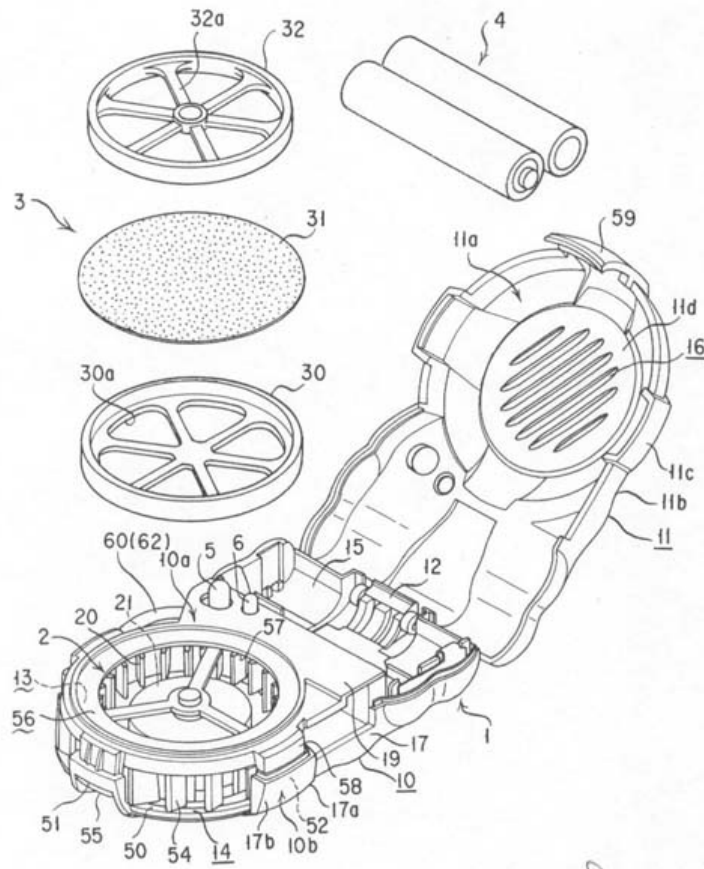
(51) International classification	:A01M 1/20	(71)Name of Applicant :	
(31) Priority Document No	:2003-429128	1)FUMAKILLA LIMITED	
(32) Priority Date	:25/12/2003	Address of Applicant :11, KANDAMIKURACHO, CHIYODA-KU,	
(33) Name of priority country	:Japan	TOKYO 101-8606 Japan	
(86) International Application No	:PCT/JP2004/019702	(72)Name of Inventor :	
Filing Date	:22/12/2004	1)YAMAMOTO, KAZUNORI	
(87) International Publication No	:WO 2005/063013	2)KAWAMURA, SHINYA	
(61) Patent of Addition to Application Number	:NA	3)YAMASAKI, SATOSHI	
Filing Date	:NA	4)TAKEI, YASU HARU	
(62) Divisional to Application Number	:NA	5)JO, TAKAO	
Filing Date	:NA		

No of Pages : 102

No of Claims : 35

(57) Abstract :

A fan chemical emitter having a simple structure for easily replacing the chemical and battery, produceable at lower cost, including a motor of the blower easily electrically connectable to the battery, and having a thin shape as a whole. The fan chemical emitter comprises a body (1) where one body (10) and another body (11) are openably/closably coupled with a hinge (12), a blower (2) having a motor (21) and a fan (20) both attached to the one body, a chemical container (3) provided between the blower (2) and the another body (11) and containing a chemical impregnated body where a sheet-shaped support is impregnated with a chemical, and a battery (4) detachably installed in a battery accommodation recess (15) of the one body. The fan is rotated by driving the motor by the battery to circulate air in the chemical container.



(54) Title of the invention : NEW MATERIAL AND METHOD OF FABRICATION THEREFOR

(51) International classification	:C01B 33/02
(31) Priority Document No	:0400149.1
(32) Priority Date	:06/10/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/005243
Filing Date	:23/06/2006
(87) International Publication No	:WO/2005/066073
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PSIMEDICA LIMITED
 Address of Applicant :MALVEN HILLS SCIENCE PARK
 GERALDINE ROAD MALVEN, WR 14 3SZ U.K.

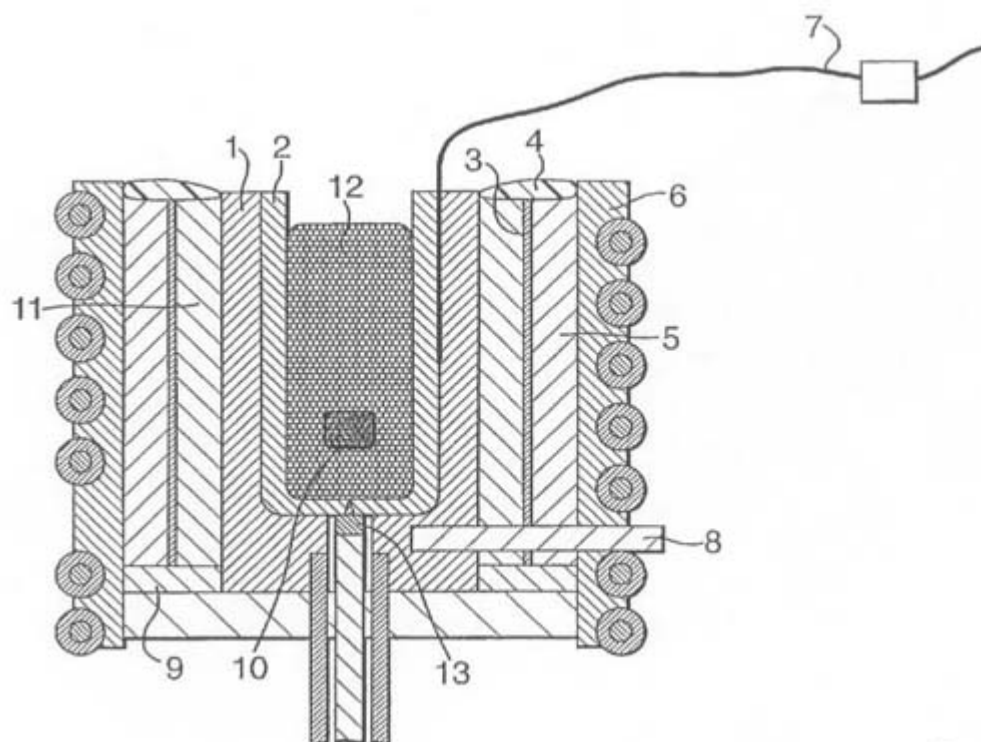
(72)**Name of Inventor :**
1)DUNKLEY, John Joseph
2)TELFORD, Brett
3)CONNER, Stephan, Edward

No of Pages : 23

No of Claims : 8

(57) Abstract :

The present invention concerns new methods of fabricating a silicon material comprising phosphorus. The methods allow high levels of phosphorus to be combined with the silicon. In one aspect of the invention a sample of phosphorus is surrounded with a sample of silicon. At least some of the phosphorus is then vaporised and caused to interact with the silicon.



(54) Title of the invention : OPTIMIZATION FOR AGGREGATE NAVIGATION FOR DISTRICT COUNT METRICS

(51) International classification

:G06F17/30;

G06F17/30

(31) Priority Document No

:60/531-840

(32) Priority Date

:23/12/2003

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US04/041922

Filing Date

:10/12/2004

(87) International Publication No

:WO/2005/065172

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SIEBEL SYSTEMS, INCAddress of Applicant :2207 Bridgepointe Parkway San Mateo, CA
94404 U.S.A.

(72)Name of Inventor :

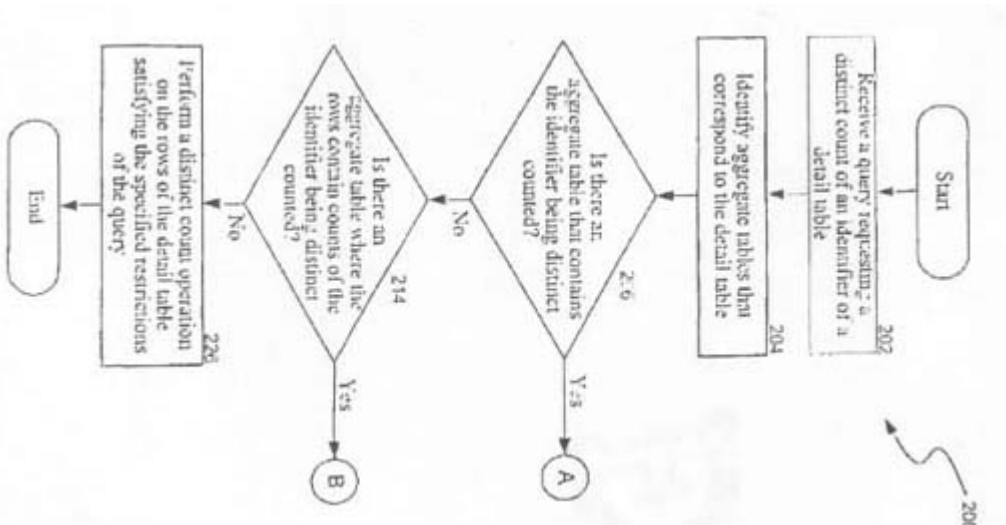
1)MITTAL, Ashish**2)SUEN, Edward**

No of Pages : 34

No of Claims : 25

(57) Abstract :

A facility for performing a distinct count metric by utilizing aggregate navigation is provided. For a distinct count query of an identifier of a detail table, where the query specifies zero or more restrictions, the facility identifies an aggregate table that is associated with the detail table. The facility then determines whether the aggregate table contains the identifier that is being distinct counted, and if so, further determines whether the identifier is different in every row of the aggregate table. If it is, then the facility performs a count operation on the rows of the aggregate table that satisfy the specified restrictions to obtain a result for the distinct count query. If the identifier is not different in every row of the aggregate table, the facility performs a distinct count operation on the rows of the aggregate table that satisfy the specified restrictions to obtain a result for the distinct count query.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1754/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :23/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : INFINITELY ADJUSTABLE GEAR

(51) International classification	:F16H29/00
(31) Priority Document No	:10361542.3
(32) Priority Date	:23/12/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE04/002647
Filing Date	:02/12/2004
(87) International Publication No	:WO/2005/061928
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ULRICH ROHS.

Address of Applicant :Roonstr. 11, 52351 Duren, Germany

(72)Name of Inventor :

1)Dr. Ing. Ulrich Rohs.

2)Christoph Drager,

3)Tim Barting,

4)Werner Brandwitte

No of Pages : 14

No of Claims : 10

(57) Abstract :

To improve the control of a connecting link between two gear link members of an infinitely adjustable gear, the invention propose an infinitely ajustable gear with at least two gear link members and at least one connecting link which actively connects the gear link members to each other and is arranged so that its position is infinitely displaceable relative to the gear link members, herein the connecting link is arranged in a guiding device which is swivelled about a rotary shaft.

(54) Title of the invention : QUINAZOLINONE COMPOUNDS AS ANTI CANCER AGENTS

(51) International classification :A61K 31/505
 (31) Priority Document No :60/525,059
 (32) Priority Date :25/11/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US04/039448
 Filing Date :24/11/2004
 (87) International Publication No :WO/2005/051922
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)CHIRON CORPORATION

Address of Applicant :Intellectual Property Department R440, P.O.BOX 8097, Emeryville, CA 94662-8097 U.S.A.

(72)Name of Inventor :

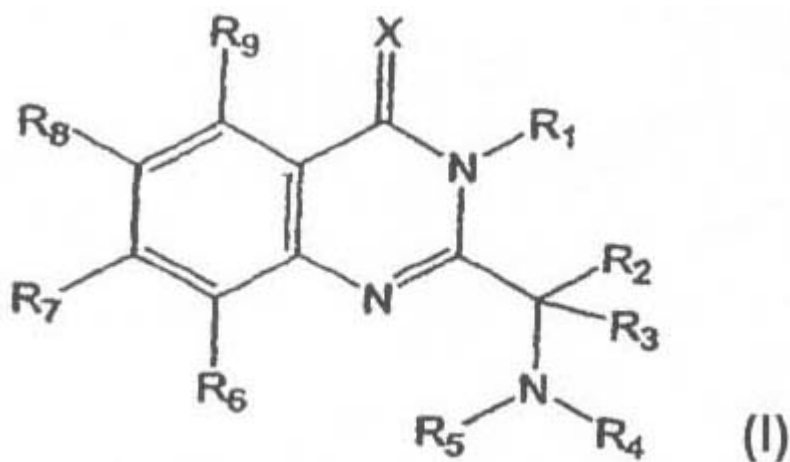
1)WANG, WEIBO,**2)LAGNTION, LIANA, M****3)CONSTANTINE, RYAN, N.****4)DESAI, MANOJ, C.**

No of Pages : 60

No of Claims : 34

(57) Abstract :

Quinazolinone compounds, pharmaceutically acceptable salts, and prodrugs thereof; compositions that include a pharmaceutically acceptable carrier and one or more of the quinazolinone compounds, either alone or in combination with at least one additional therapeutic agent. Methods of using the quinazolinone compounds, either alone or in combination with at least one additional therapeutic agent as KSP inhibitors, in the prophylaxis or treatment of proliferative diseases.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1756/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :23/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : RECORDING MEDIUM, REPRODUCTION APPARATUS, PROGRAM, AND REPRODUCTION METHOD.

(51) International classification	:G11B 27/00, G11B 20/10	(71) Name of Applicant : 1)MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. Address of Applicant :1006 Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan
(31) Priority Document No	:JP2005-020716	(72) Name of Inventor :
(32) Priority Date	:28/01/2005	1)Hiroshi YAHATA
(33) Name of priority country	:Japan	2)Tomoyuki OKADA
(86) International Application No	:PCT/JP06/301359	
Filing Date	:27/01/2006	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 115

No of Claims : 20

(57) Abstract :

Play list information is recorded on the local storage 200. The play list information contains main-path information and sub-path information. The main-path information specifies one among a plurality of AVClips as a MainClip and defines a main reproduction section for the MainClip. The sub-path information specifies another one among the plurality of AVClips as a SubClip and defines, for the SubClip, a sub reproduction section to be synchronized with the main reproduction section. On the local storage 200, an audio stream specified as the SubClip is recorded. The audio stream includes a plurality of PES packets which are each attached with a packet identifier (PID) that includes that the audio stream containing the packet is a secondary audio stream whose reproduction output is able to be mixed with a reproduction output of the primary audio stream.

(54) Title of the invention : CRYSTAL FORM OF QUINOLINE COMPOUND AND PROCESS FOR ITS PRODUCTION

(51) International classification :C07D 215/14
 (31) Priority Document No :2003-431788
 (32) Priority Date :26/12/2003
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2004/019451
 Filing Date :17/12/2004
 (87) International Publication No :WO/2005/063711
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

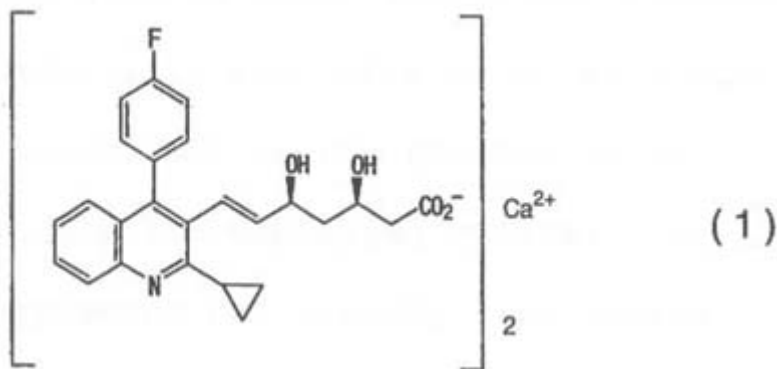
(71)Name of Applicant :
1)NISSAN CHEMICAL INDUSTRIES, LTD.
 Address of Applicant :7-1, KANDA-NISHIKI-CHO 3-CHOME,
 CHIYODA-KU, TOKYO 1010054 Japan
 (72)Name of Inventor :
1)OHARA, YOSHIO
2)TAKADA, YASUTAKA
3)MATSUMOTO, HIROO
4)YOSHIDA, AKIHIRO

No of Pages : 18

No of Claims : 4

(57) Abstract :

A method for producing a drug substance of crystalline pitavastatin calcium excellent in stability, is presented. In the production of a compound (pitavastatin calcium) represented by the formula (1): The water content is adjusted to a level of from 5 to 15%, and the crystal form is controlled to be crystal form A, thereby to obtain a drug substance excellent in stability.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1758/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 23/06/2006

(43) Publication Date: 11/05/2007

(54) Title of the invention: INHIBITION/REDUCTION IN DISCOLORATION OF DIORGANOPOLYSILOXANE COMPOSITIONS

(51) International classification	: C08L 83/04
(31) Priority Document No	: 2003-429692
(32) Priority Date	: 25/12/2003
(33) Name of priority country	: Japan
(86) International Application No	:
Filing Date	PCT/JP2004/019494
(87) International Publication No	:20/12/2004
(61) Patent of Addition to Application Number	:WO/2005/063891
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)NISHIUMI, WATARU

2)ADACHI, HIROSHI

3)HORITA, EIJI

No of Pages: 28

No of Claims: 22

(57) Abstract:

A method of inhibiting or reducing discoloration of a diorganopolysiloxane composition comprising the steps of mixing: said composition with the following components in any order:- i) a source of ferrous ions; and ii) 0.0001 - 0.05 wt.% per total weight of the composition of a bis (2-pyridylthio-1-oxide) non-ferrous salt per total weight of the composition

(54) Title of the invention: STERNUM REINFORCING DEVICE TO BE USED AFTER A STERNOTOMY OR A STERNAL FRACTURE

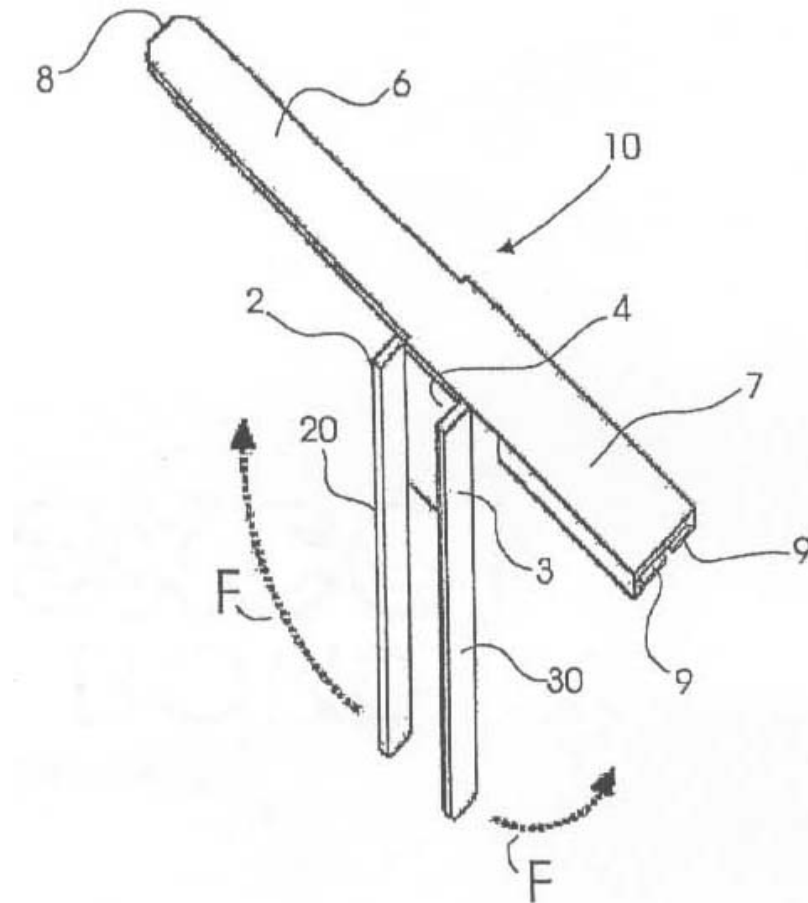
(51) International classification	:A61B 17/80,A61B17/82	(71)Name of Applicant : 1)SIC BREVETTI S.R.L.
(31) Priority Document No	:RM2004A000082	Address of Applicant :VIA CONCESIO, 325, I-00188, ROMA Italy
(32) Priority Date	:16/02/2004	(72)Name of Inventor :
(33) Name of priority country	:Italy	1)ZEITANI JACOB
(86) International Application No	:PCT/IT2005/000076	
Filing Date	:15/02/2005	
(87) International Publication No	:WO 2005/077289	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 17

No of Claims: 8

(57) Abstract :

A sternum reinforcing device to be used after a sternotomy or a sternal fracture, made of a biocompatible material, comprises an elongated modular member (10) with a pair of legs (20, 30), that are joined each other by a body portion (4), and a pair of arms (6, 7). The legs (20, 30) can be fitted in an intercostal space of the thorax of a patient, laterally to the sternum, and can be bent in a mutually opposite direction, on the internal side of the thorax, after being fitted therein. The arms (6, 7), extending from one side to the other of the body portion (4) and orthogonally to the pair of legs (20, 30), constitute a male part and a female part, respectively, of a prismatic type coupling for consecutive modular members.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1760/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 23/06/2006

(43) Publication Date: 11/05/2007

(54) Title of the invention: RESORBABLE SURGICAL FIXATION DEVICE

(51) International classification	:A61B17/80	(71) Name of Applicant :
(31) Priority Document No	:10/749,345	1)VAUGHEN DOUGLAS
(32) Priority Date	:30/12/2003	Address of Applicant :885 S. YORK DRIVE DOWNTOWN PA
(33) Name of priority country	:U.S.A.	19335 U.S.A.
(86) International Application No	:PCT/US2004/042995	2)LANZA JOSEPH A.
Filing Date	:22/12/2004	3)ZWIRNMANN RALPH F.
(87) International Publication No	:WO 2005/089096	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VAUGHEN DOUGLAS
Filing Date	:NA	2)LANZA JOSPH A.
(62) Divisional to Application Number	:NA	3)ZWIRNMANN RALPH F.
Filing Date	:NA	

No of Pages: 39

No of Claims: 63

(57) Abstract:

The present invention provides an improved contourable surgical fixation device that is made from a resorbable material and useful in bone reconstruction. In one embodiment, the fixation device may be made of a polymeric material. The fixation device comprises a plurality of spaced-apart fastening plates, links interconnecting the plates, and openings defined between the fastening plates by the links and fastening plates. In one embodiment, at least some of the fastening plates have fastener holes therethrough for receiving a fastener, such as a screw or tack, to secure the fixation device to the bone. The present invention provides an open-structured fixation device that is capable of being contoured in three dimensions to approximate the anatomical shape of a bone to which the fixation device may be attached.

(54) Title of the invention: WALL FASTENER

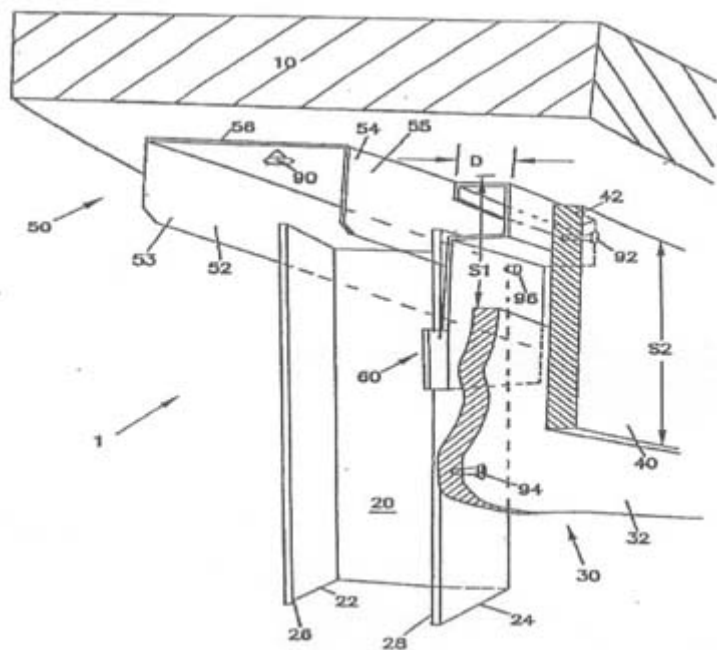
(51) International classification	:A61B17/00,A61B17/80	(71) Name of Applicant:
(31) Priority Document No	:10/750,998	1) BECKER BRIAN
(32) Priority Date	:30/12/2003	Address of Applicant: 9 CHERRY CIRCLE, ST. CLOUD, MN 56304,
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2004/043578	2)BECKER DEREK
Filing Date	:29/12/2004	3)DOCKERY ROBIN
(87) International Publication No	:WO 2005/065295	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)BECKER DEREK
Filing Date	:NA	2)BECKER BRIAN
(62) Divisional to Application Number	:NA	3)DOCKERY ROBIN
Filing Date	:NA	

No of Pages : 21

No of Claims : 15

(57) Abstract:

A wall fastener that attaches a wallboard member to a mounting track in a manner that allows for relative movement between an overhead roof structure to which the mounting track is secured and a non-load bearing wall. The wall fastener holds the wallboard in a fixed position relative to the wall and the overhead structure to maintain a fire barrier.



(54) Title of the invention: QUANTIFIED WATER-SAVING DEVICE FOR DUAL-FLUSH TOILETS

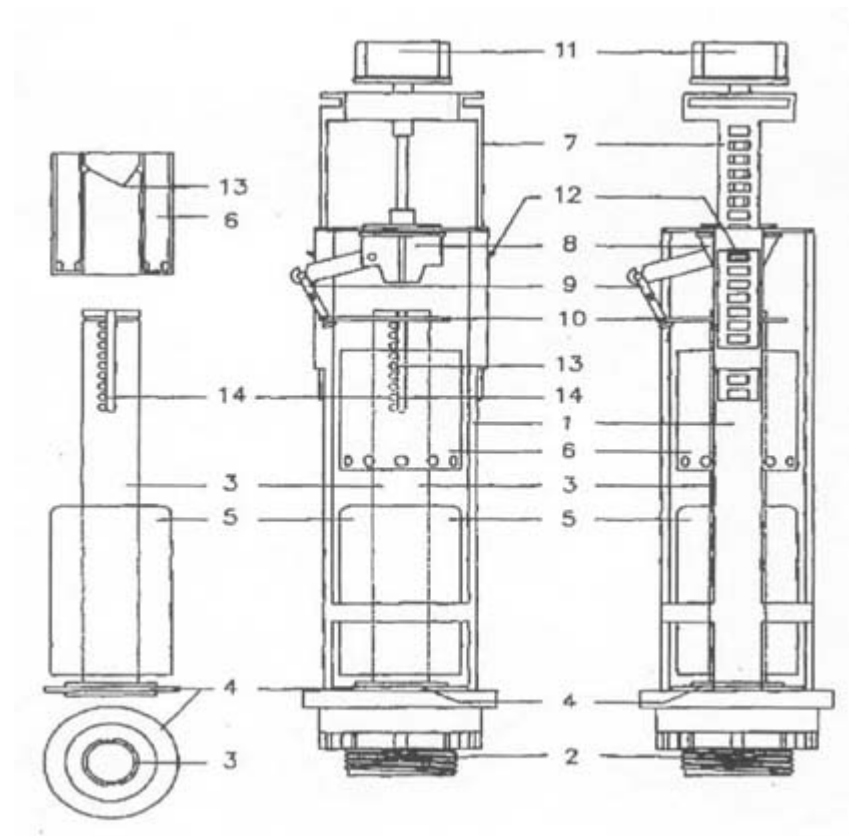
(51) International classification	:E03D 1/14	(71)Name of Applicant :
(31) Priority Document No	:P200303025	1)BLANCO GUTIERREZ JOSE
(32) Priority Date	:22/12/2003	Address of Applicant :C/VELAZQUEZ 90-5, E-28006 MADRID Spain
(33) Name of priority country	:Spain	2)SANZ LUZ JUAN
(86) International Application No	:PCT/ES2004/000573	(72)Name of Inventor :
Filing Date	:22/12/2004	1)BLANCO GUTIERREZ JOSE
(87) International Publication No	:WO/2005/061807	2)SANZ LUZ JUAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 4

(57) Abstract :

The invention relates to a quantified water-saving device for dual-flush toilets. The inventive device comprises a single button (11), which, when actuated, moves an overflow pipe (3) upwards, the lower end of said pipe being equipped with a discharge valve disc (4). According to the invention, the aforementioned overflow pipe (3) comprises: a float (5) which can maintain the device open until all of the liquid has been emptied, if no other forces are acting on the pipe other than the weight of same; and an intermittent additional weight (6) which is disposed at an intermediary height and which, once a certain quantity of liquid has been emptied, is no longer suspended as the water level falls, said action, together with the weight of the assembly and the additional weight (6), causing the discharge valve (4) to close with the remaining water being left in the cistern. Moreover, when the above-mentioned button is pressed a second time, the overflow pipe (3) remains elevated and the outlet valve (4) stays open, such that the cistern can be fully emptied since the additional weight (6) has been eliminated.



(54) Title of the invention: SYSTEM FOR PACKET DATA SERVICE IN THE MIXED NETWORK OF ASYNCHRONOUS COMMUNICATION NETWORK AND SYNCHRONOUS COMMUNICATION NETWORK AND HAND-OVER METHOD THEREOF

(51) International classification :H04B 7/26
 (31) Priority Document No :10-2004-0001282
 (32) Priority Date :08/01/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/000051
 Filing Date :07/01/2005
 (87) International Publication No :WO/2005/067179
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71) Name of Applicant:

1) SK TELECOM CO., LTD.

Address of Applicant :99, SEORIN-DONG, JONGRO-GU SEOUL
 110-110 Republic of Korea

(72)Name of Inventor :

1)KIM, HYUN-WOOK

2)KIM, YOUNG-LAK

3)KIM, NAM-GUN

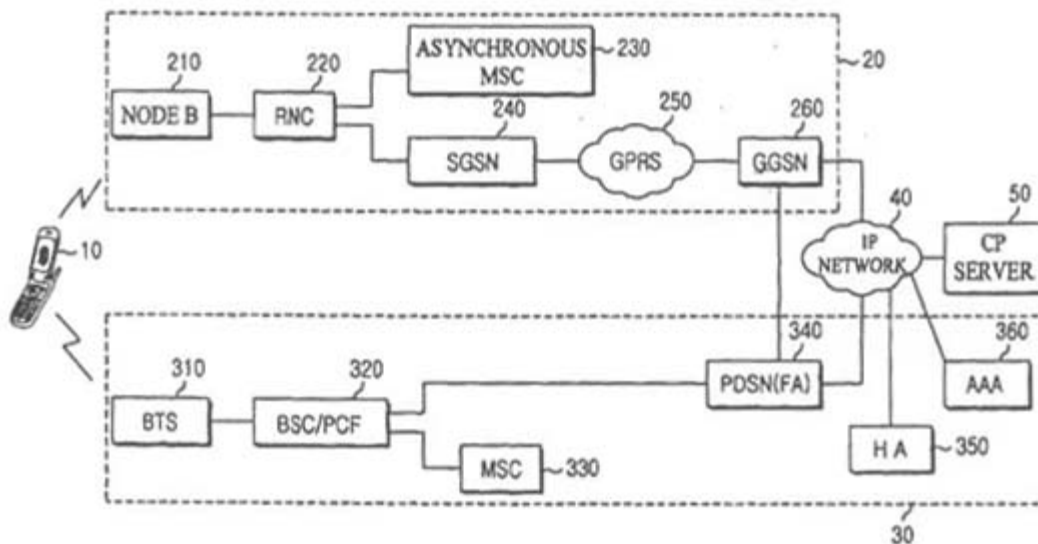
4)IHM, JONG-TAE

No of Pages: 41

No of Claims: 15

(57) Abstract:

Disclosed herein is a mobile communication terminal and handover method therefor. In the mobile communication system, a Gateway GPRS Support Node (GGSN) of the asynchronous network is connected to a Packet Data Service Node (PDSN) of the synchronous network. Accordingly, as a mobile communication terminal, using packet data service in the asynchronous mobile communication system, moves into an area of a synchronous mobile communication system, the synchronous mobile communication system sets control signals and traffic to transmit packet data in response to a request from the asynchronous mobile communication system. Further, if forward and reverse channels are assigned between the mobile communication terminal and the synchronous mobile communication system, call setup is performed to provide the packet data service, and then a node B of the asynchronous mobile communication system releases the connection to the mobile communication terminal.



(54) Title of the invention: SYSTEM FOR PACKET DATA SERVICE IN THE MIXED NETWORK OF ASYNCHRONOUS COMMUNICATION NETWORK AND SYNCHRONOUS COMMUNICATION NETWORK AND HAND-OVER METHOD THEREOF

(51) International classification :H04B 7/26
 (31) Priority Document No :10-2004-0001284
 (32) Priority Date :08/01/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/000050
 Filing Date :07/01/2005
 (87) International Publication No :WO 2005/067178
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

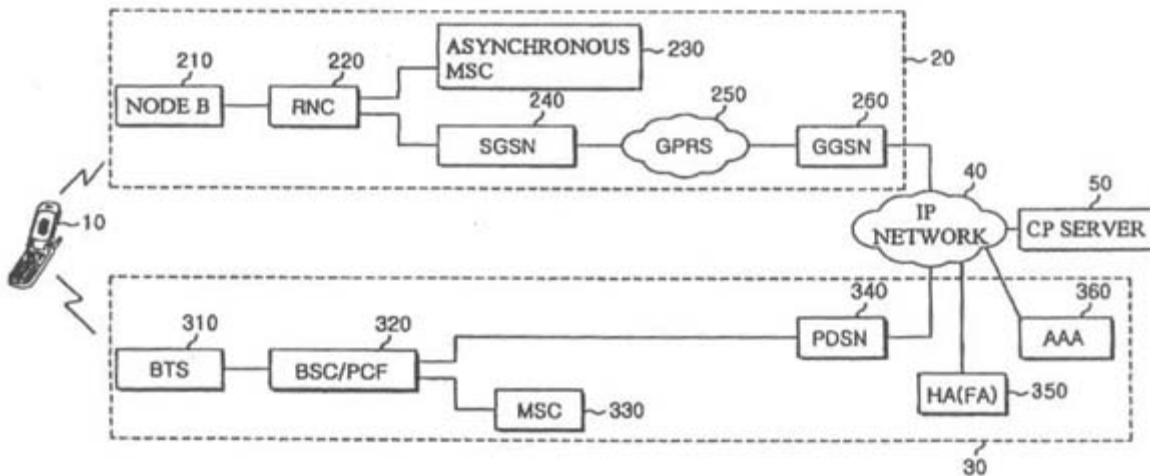
(71)Name of Applicant :
1)SK TELECOM CO., LTD.
 Address of Applicant :99, SEORIN-DONG, JONGRO-GU, SEOUL
 110-110. Republic of Korea
 (72)Name of Inventor :
1)KIM, HYUN-WOOK
2)KIM, YOUNG-LAK
3)KIM, NAM-GUN
4)IHM, JONG-TAE

No of Pages: 43

No of Claims: 16

(57) Abstract:

Disclosed herein is a mobile communication terminal and handover method therefor, which enable handover of a mobile communication terminal that is using a packet data service or is in a dormant state in a mobile communication network in which asynchronous and synchronous networks coexist. In the handover method, if a channel is assigned between a mobile communication terminal and a synchronous mobile communication system in response to a request from an asynchronous mobile communication system as a mobile communication terminal using packet data service in the asynchronous mobile communication system moves into an area of the synchronous mobile communication system, call setup is performed. A node B of the asynchronous mobile communication releases a connection to the mobile communication system and assigns a new mobile IP to the mobile communication terminal, thus providing continuous packet data service to the mobile communication terminal.



(54) Title of the invention: ELEVATOR ARRANGEMENT WITH HALL CALL DESTINATION INPUT

(51) International classification	:B66B 1/46
(31) Priority Document No	:20040105
(32) Priority Date	:26/01/2004
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2005/000048
Filing Date	:25/01/2005
(87) International Publication No	:WO/2005/070804
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant:

1) KONE CORPORATION

Address of Applicant: KARTANONTIE 1, FIN-00330 HELSINKI, Finland

(72)Name of Inventor :

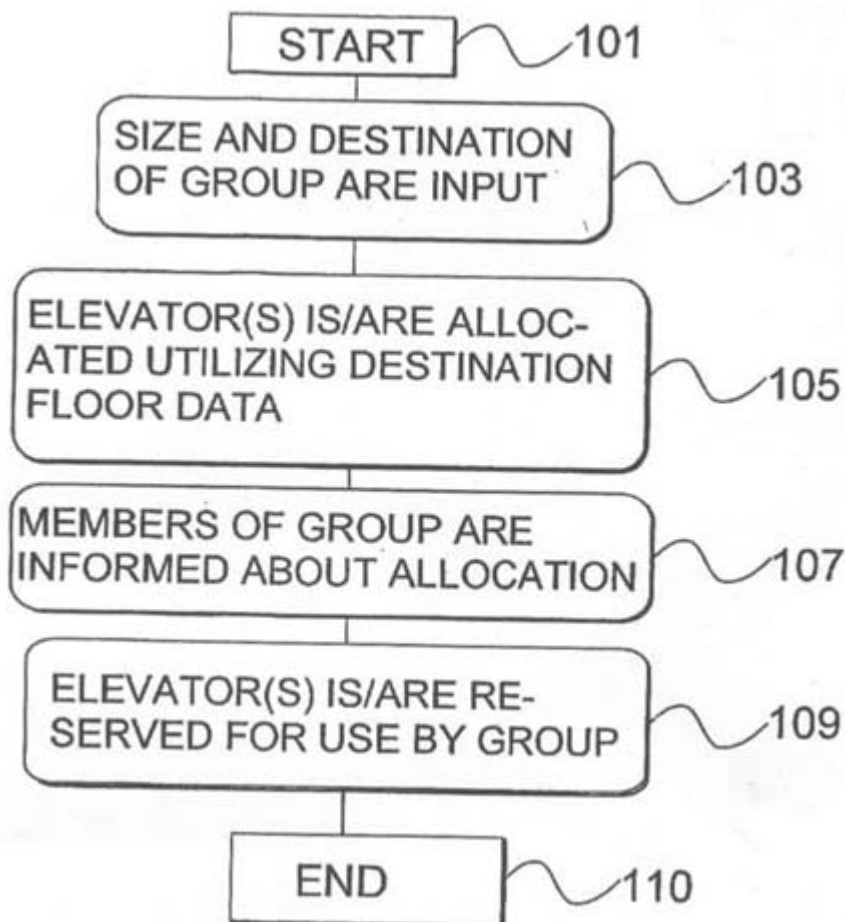
1)YLINEN, JARI**2)KAKKO, MARKKU**

No of Pages : 22

No of Claims: 32

(57) Abstract :

A method for allocating an elevator in a destination floor elevator system comprising an elevator group consisting of several elevators, a passenger data terminal for reserving elevators for use by passengers, an elevator group control system for controlling the elevators in response to signals from the passenger data terminal. The method of the invention comprises the following steps: the size and destination floor of the group of passengers are input into the control system of the elevator group, one or more elevators are allocated to the group of passengers by utilizing the size and destination floor of the group, and the members of the group of passengers are informed about the allocation.



(54) Title of the invention: AN ANTENNA HAVING CONTROLLABLE DIRECTION OF RADIATION

(51) International classification	:H01Q 1/38,H01Q 3/24
(31) Priority Document No	:0329934.4
(32) Priority Date	:24/12/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/005460
Filing Date	:24/12/2004
(87) International Publication No	:WO/2005/062421
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WIVENHOE TECHNOLOGY LIMITEDAddress of Applicant :WIVENHOE PARK COLCHESTER CO4 3SQ
U.K.

(72)Name of Inventor :

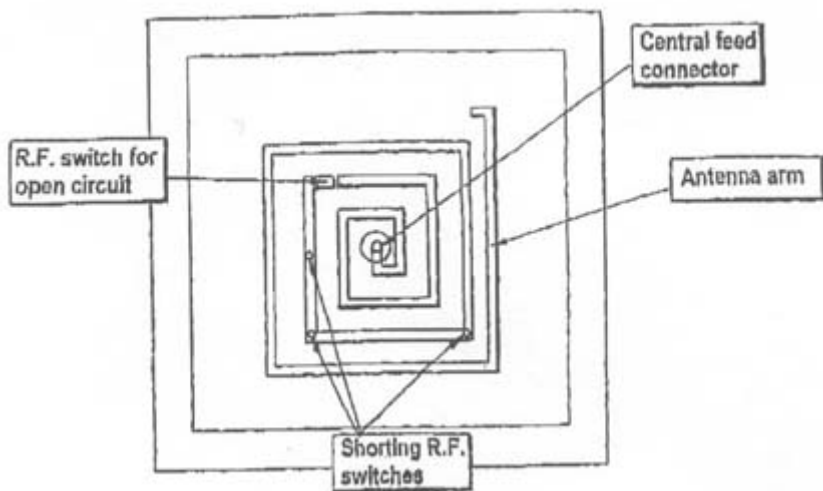
1)MEHTA AMIT**2)MIRSHEKAR DARIUSH**

No of Pages : 26

No of Claims: 22

(57) Abstract:

An antenna (10) suitable for a mobile telephone or other such communication device has a transmission element (21) to transmit and receive an electromagnetic radiation pattern. The transmission element (21) is supported on a layer or layers (25) of dielectric material, control over the orientation of a radiation pattern to be transmitted or received being maintained electronically. The transmission element (21) includes at least one loop and is often in a spiral configuration. Switches (23, 24) in the form of a microelectromechanical switch or a PIN diode, capable of short or open circuiting the element (21), allow the orientation of the radiation pattern to be altered. The dielectric constant of the dielectric material (25) is variable, again affecting the orientation.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1767/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 23/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention: STEREOISOMERIC COMPOUNDS AND METHODS FOR THE TREATMENT OF GASTROINTESTINAL AND CENTRAL NERVOUS SYSTEM DISORDERS

(51) International classification :C07D 453/02
(31) Priority Document No :60/534,892
(32) Priority Date :07/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/000510
Filing Date :07/01/2005
(87) International Publication No :WO/2005/068461
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

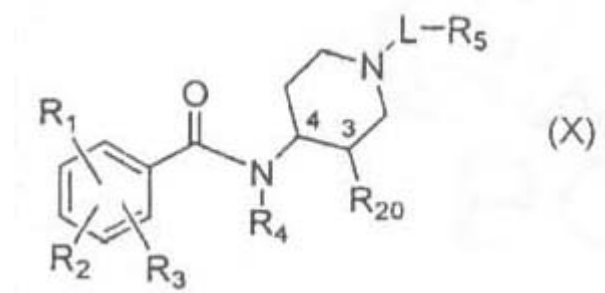
(71) **Name of Applicant:**
1)ARYx THERAPEUTICS, INC.
Address of Applicant :2255, MARTIN AVENUE SUITE F, SANTA CLARA CA 95050 U.S.A.
(72)**Name of Inventor :**
1)IRWIN, IAN
2)PALME, MONICA
3)BECKER, CYRUS

No of Pages: 61

No of Claims: 20

(57) Abstract :

The subject invention provides stereoisomeric compounds of formula (X): wherein the variables are as defined herein, and compositions for the safe and effective treatment of various gastrointestinal disorders including, but not limited to, gastroparesis, gastroesophageal reflux and related conditions. The compounds of the subject invention are also useful in treating a variety of conditions involving the central nervous system.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1768/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 23/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention: CHAPERONE-BASED THERAPY FOR NIEMANN-PICK DISEASE

(51) International classification	:A61K 31/74
(31) Priority Document No	:60/525,497
(32) Priority Date	:25/11/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/041345
Filing Date	:24/11/2004
(87) International Publication No	:WO 2005/051331
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MOUNT SINAI SCHOOL OF MEDICINE OF NEW YORK UNIVERSITY
Address of Applicant :ONE GUSTAVE L., LEVY PLACE, NEW YORK, NY 10029 U.S.A.
(72)**Name of Inventor :**
1)SCHUCHMAN, EDWARD, H.
2)DESNICK, ROBERT, J.

No of Pages : 64

No of Claims : 61

(57) Abstract :

The present invention provides a method for treating individuals affected with the acid sphingomyelinase-deficient forms of Niemann-Pick disease (i.e., Type A or Type B Niemann-Pick) by administering small molecules as specific molecular "chaperones" for the deficient acid sphingomyelinase (ASM) enzyme associated with the disease. The molecules are ceramide, sphingomyelin, or phosphonucleotide analogues.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1769/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 14/02/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention: DATA STORAGE ARRAY

(51) International classification	:G06F11/10,G06F11/00	(71) Name of Applicant:
(31) Priority Document No	:10/619,641	1) INTERNATIONAL BUSINESS MACHINES CORPORATION
(32) Priority Date	:14/07/2003	Address of Applicant: NEW ORCHARD ROAD, ARMONK, NY 10504
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/EP2004/051382	(72) Name of Inventor :
Filing Date	:07/07/2004	1)HETZLER STEVEN ROBERT
(87) International Publication No	:WO 2005/006215	2)SMITH DANIEL FELIX
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 21

No of Claims: 22

(57) Abstract:

The error tolerance of an array of m storage units is increased by using a technique referred to as "dodging." A plurality of k stripes are stored across the array of storage units in which each stripe has $n + r$ elements that correspond to a symmetric code having a minimum Hamming distance $d = r + 1$. Each respective element of a stripe is stored on a different storage unit. An element is selected when a difference between a minimum distance of the donor stripe and a minimum distance of a recipient stripe is greater or equal to 2. The selected element is also stored on a storage unit having no elements of the recipient stripe. A lost element of the recipient stripe is then rebuilt on the selected element.

(54) Title of the invention: NOBLE METAL CONTACTS FOR MICRO-ELECTROMECHANICAL SWITCHES

(51) International classification :H01H 59/00
 (31) Priority Document No :10/604,278
 (32) Priority Date :08/07/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/EP2004/050940
 Filing Date :02/06/2004
 (87) International Publication No :WO 2005/006372
 (61) 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 BUSINESS MACHINES CORPORATION
 Address of Applicant :NEW ORCHARD ROAD, ARMONK, NY
 10504 U.S.A.
 (72)**Name of Inventor :**
1)DELIGIANNI HARIKLIA
2)ANDRICACOS PANAYOTIS
3)BUCHWALTER PAIVIKKI
4)COTTE JOHN
5)JAHNES CHRISTOPHER
6)KRISHNAN MAHADEVAIYER
7)MAGERLEIN JOHN
8)STEIN KENNETH
9)VOLANT RICHARD
10)TORNELLO JAMES
11)LUND JANNIFER

No of Pages : 13

No of Claims : 10

(57) Abstract :

A semiconductor micro-electromechanical system (MEMS) switch provided with noble metal contacts that act as an oxygen barrier to copper electrodes is described. The MEMS switch is fully integrated into a CMOS semiconductor fabrication line. The integration techniques, materials and processes are fully compatible with copper chip metallization processes and are typically, a low cost and a low temperature process (below 400 C). The MEMS switch includes: a movable beam within a cavity, the movable beam being anchored to a wall of the cavity at one or both ends of the beam; a first electrode embedded in the movable beam; and a second electrode embedded in an wall of the cavity and facing the first electrode, wherein the first and second electrodes are respectively capped by the noble metal contact.

(54) Title of the invention: POWER DOWN PROCESSING ISLANDS

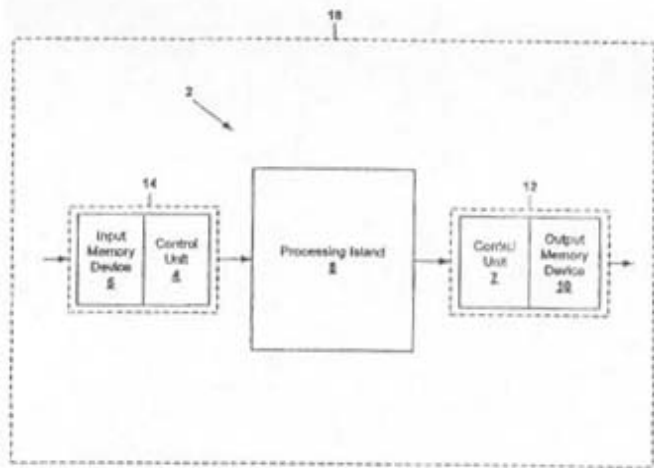
(51) International classification	:G11C 19/08	(71)Name of Applicant :
(31) Priority Document No	:10/604,328	1)INTERNATIONAL BUSINESS MACHINES CORPORATION
(32) Priority Date	:11/07/2003	Address of Applicant :NEW ORCHARD ROAD, ARMONK, NY
(33) Name of priority country	:U.S.A.	10504 U.S.A.
(86) International Application No	:PCT/US2004/022267	(72)Name of Inventor :
Filing Date	:09/07/2004	1)BLANCO Rafael
(87) International Publication No	:WO2005008732	2)COHN John M.
(61) Patent of Addition to Application Number	:NA	3)GOODNOW Kenneth J.
Filing Date	:NA	4)STOUT Douglas W.
(62) Divisional to Application Number	:NA	5)VENTRONE Sebastian T.
Filing Date	:NA	

No of Pages: 11

No of Claims: 30

(57) Abstract:

A structure for processing data on a semiconductor device comprising an input island (14), a processing island (8), and an output island (12) formed on the semiconductor device (18). The input island is adapted to accept a specified amount of data and enable a means for providing a first specified voltage for powering the processing island after accepting the specified amount of data. The processing island is adapted to receive and process the specified amount of data from the input island upon powering the processing island by the first specified voltage. The output island is adapted to be powered by a second specified voltage. The processing island is further adapted to transmit the processed data to the output island upon said powering by the second specified voltage. The first specified voltage is adapted to be disabled thereby removing power from processing island upon completion of transmission of the processed data to the output island. 11



(54) Title of the invention: DYNAMICALLY CONFIGURABLE FAULT TOLERANCE IN AUTOMATIC COMPUTING WITH MULTIPLE SERVICE POINTS

(51) International classification :G06F 11/00
 (31) Priority Document No :10/604,585
 (32) Priority Date :31/07/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/020906
 Filing Date :30/06/2004
 (87) International Publication No :WO 2005/015346
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

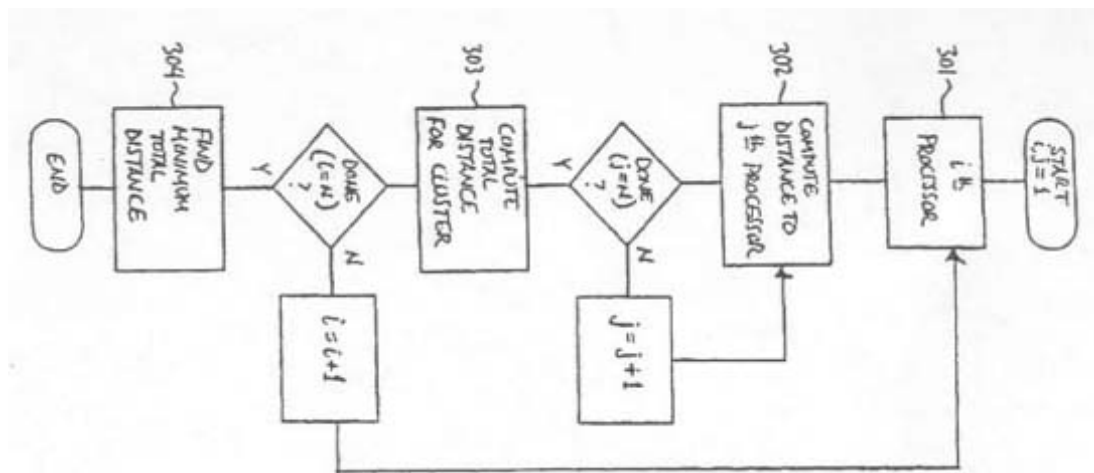
(71)Name of Applicant :
1)INTERNATIONAL BUSINESS MACHINES CORPORATION
 Address of Applicant :NEW ORCHARD ROAD, ARMONK, NY
 10504 U.S.A.
 (72)Name of Inventor :
1)MUKHERJEE MAHARAJ

No of Pages : 17

No of Claims : 10

(57) Abstract:

A method is described for configuring a system (1) having a plurality of processors (2) to provide the system with at least one cluster of processors, where each cluster has one service point (10). A distance is computed from each processor to other processors in the system (302). A plurality of total distances is then computed (303), where each total distance is associated with one processor. A minimum total distance is determined from the plurality of total distances (304). One processor is assigned to be the service point; this processor is the processor having the minimum total distance associated therewith.



(54) Title of the invention: MIXTURES OF FIBER-REACTIVE AZO DYES, THEIR PREPARATION AND USE

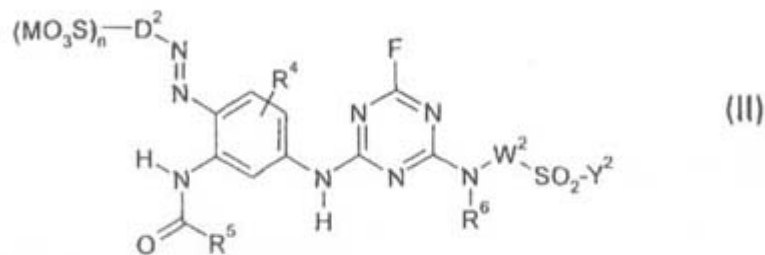
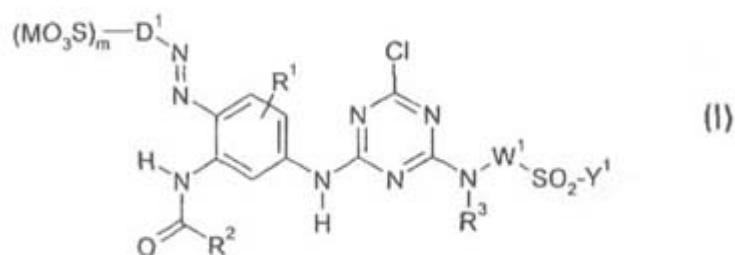
(51) International classification	:C09B 67/22	(71)Name of Applicant :
(31) Priority Document No	:102004017977.8	1)DYSTAR TEXILFARBEN GMBH & CO. DEUTSCHLAND KG
(32) Priority Date	:14/04/2004	Address of Applicant :INDUSTRIEPARK HOCHST, GEBAUDE B
(33) Name of priority country	:Germany	598, 65926 FRANKFURT AM MAIN. Germany
(86) International Application No	:PCT/EP2005/003752	(72)Name of Inventor :
Filing Date	:09/04/2005	1)MEIER, STEFAN
(87) International Publication No	:WO 2005/100485	2)REIHER, UWE
(61) Patent of Addition to Application Number	:NA	3)RYSSM WERNER, HUBERT
Filing Date	:NA	4)SCHUMACHER, CHRISTIAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 24

No of Claims: 10

(57) Abstract:

The invention relates to a dye mixture which comprises at least one dye of general formula (I) and at least one dye of general formula (II), wherein D, D', W, W', Y, Y', R to R', M, m and n are defined as in claim 1. The invention also relates to a method for producing these dyes, to their use and to inks for digital printing containing the same.



(54) Title of the invention: APPARATUS AND METHOD FOR GENERATING A LEVEL PARAMETER AND APPARATUS AND METHOD FOR GENERATING A MULTI-CHANNEL REPRESENTATION

(51) International classification :G10L 19/00
 (31) Priority Document No :0400998-1
 (32) Priority Date :16/04/2004
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/EP2005/003848
 Filing Date :12/04/2005
 (87) International Publication No :WO 2005/101370
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

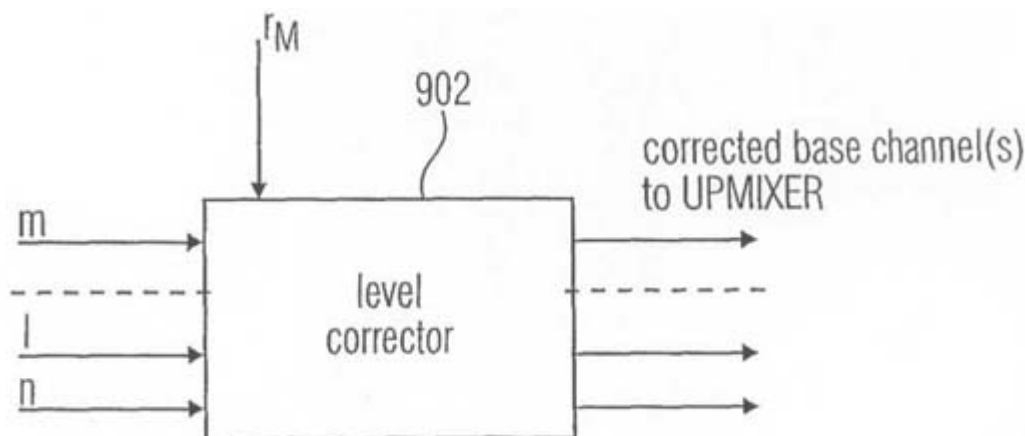
(71) **Name of Applicant:**
1)CODING TECHNOLOGIES AB
 Address of Applicant :DOEBELNSGATAN 64, SE-11352
 STOCKHOLM Sweden
 (72)**Name of Inventor :**
1)HEIKO PURNHAGEN
2)LARS VILLEMOES
3)JONAS ENGDEGARD
4)JONAS SROEDEN
5)KRISTOFER KJOERLING

No of Pages: 52

No of Claims : 13

(57) Abstract:

A parameter representation of a multi-channel signal having several original channels includes a parameter set, which, when used together with at least one down-mix channel allows a multi-channel reconstruction. An additional level parameter (r_M) is calculated such that an energy of the at least one downmix channel weighted by the level parameter is equal to a sum of energies of the original channels. The additional level parameter is transmitted to a multi-channel reconstructor together with the parameter set or together with a down-mix channel. An apparatus for generating a multi-channel representation uses the level parameter to correct (902) the energy of the at least one transmitted down-mix channel before entering the down-mix signal into an up-mixer or within the up-mixing process.



(54) Title of the invention: ENERGY CONSUMPTION METER ARRANGEMENT

(51) International classification :G01R21/133,G01R35/04
 (31) Priority Document No :10361664.0
 (32) Priority Date :30/12/2003
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2004/012879
 Filing Date :12/11/2004
 (87) International Publication No :WO 2005/066643
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

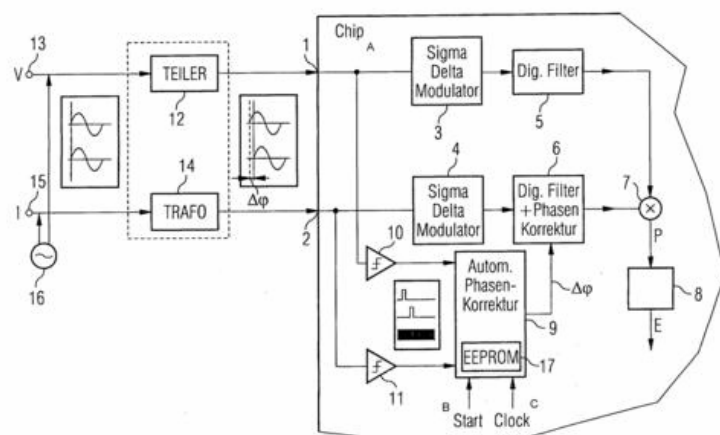
(71) **Name of Applicant:**
1) AUSTRIAMICROSYSTEMS AG
 Address of Applicant: SCHLOSS PREMSTATTEN, A-8141
 UNTERPREMSTATTEN AUSTRIA
 (72)**Name of Inventor :**
1)FRITZ, GERHARD
2)SCHMALZL, ERWIN

No of Pages: 15

No of Claims : 9

(57) Abstract:

An energy consumption meter arrangement is specified which has two inputs (1,2), to which signals are fed which are dependent on an electrical voltage (V) and an electrical current (I). These signals are digitized in analog-to-digital converters (3,4) and combined with one another. In order to correct phase differences which may be caused by means for coupling-in the signals (12,14), a phase evaluation block (9) is coupled to the inputs (1,2) of the energy consumption meter arrangement. The phase evaluation block (9) drives a phase correction block (6) at the output of an analog-to-digital converter (4). As a result, cost-effective compensation of phase errors is possible with little complexity, which makes DC isolation possible at the input whilst avoiding measurement errors. The described energy consumption meter arrangement is particularly suitable for implementation meter arrangement is particularly suitable for implementation using integrated circuit technology.



12 DIVISEUR
 14 TRANSFORMATEUR
 3, 4 MODULATEUR SIGMA DELTA
 5 FILTRE NUMERIQUE
 6 FILTRE NUMERIQUE + CORRECTION PHASES
 9 CORRECTION PHASES AUTOMAT.
 A PUCE
 B DEBUT
 C HORLOGE

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1776/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 26/06/2006

(43) Publication Date: 11/05/2007

(54) Title of the invention: CELL TRANSFECTING FORMULATIONS OF SMALL INTERFERING RNA, RELATED COMPOSITIONS AND METHODS OF MAKING AND USE

(51) International classification	:C12Q1/68; A01N43/04; A61K31/07; C07H21/0	(71) Name of Applicant: 1) CHIRON CORPORATION Address of Applicant: 4560 HORTON STREET, EMERVILLE, CA 94608-2916 U.S.A.
(31) Priority Document No	:60/530,963	(72) Name of Inventor :
(32) Priority Date	:19/12/2003	1)JEFFERSON, ANN, B.
(33) Name of priority country	:U.S.A.	2)ZUCKERMANN, RONALD, N.
(86) International Application No	:PCT/US2004/042911	3)REINHARD CYHRISTOPHE
Filing Date	:20/12/2004	4)BURKOTH, TIMOTHY, S.
(87) International Publication No	:WO 2005/060697	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 53

No of Claims : 23

(57) Abstract :

Compositions incorporating small interfering ribonucleic acid (siRNA) and certain lipid-conjugated polyamide compound-based delivery vehicles that are particularly useful in the delivery siRNA and other polynucleotides to cells. Also, methods of making and using the compositions.

(54) Title of the invention: KEYBOARDS

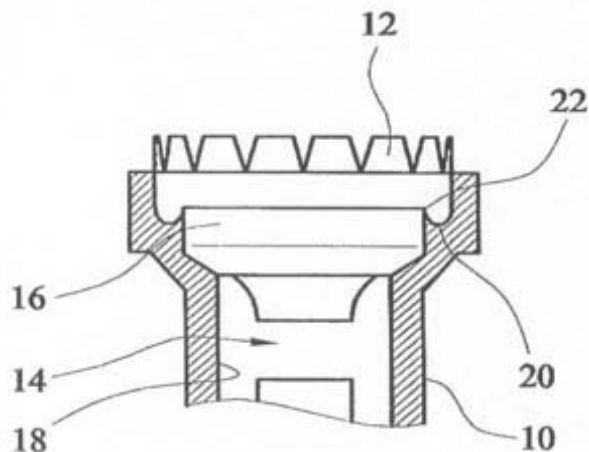
(51) International classification :G06F 3/02,H01H 13/85 (31) Priority Document No :0329985.6 (32) Priority Date :24/12/2003 (33) Name of priority country :U.K. (86) International Application No :PCT/IB2004/004020 Filing Date :06/12/2004 (87) International Publication No :WO 2005/066984 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71) Name of Applicant: 1) PURCOCKS DALE, MCPHAE. Address of Applicant: 1/2, BROOKFIELD TERRACE, BLACKROCK, COUNTY DUBLIN Ireland (72) Name of Inventor : 1)PURCOCKS DALE, MCPHAE.

No of Pages: 14

No of Claims : 21

(57) Abstract:

A switch comprising a generally tubular housing (10) of a rigid plastics material. A plurality of discrete tabs (12) are circumferentially disposed, in side-by-side relation, around an end of the housing (10). The housing (10) defines a recess (16) for receiving an elastomeric dome member (24) having an annular rib (26) at its base, and the recess (16) has an annular groove (20) with a relatively sharp edge (22) for receiving the annular rib (26) of the dome member (24). When the dome member (24) is correctly inserted within the recess (16), a downward force is provided on the tabs (12), causing them to 'fold' down over the base of the dome member (24), such that they are substantially at right-angles to the longitudinal sidewall of the housing (10), and substantially flush with the edge portion (29) thereof. Optionally, heat may also be applied to the tabs (12), causing them to at least partially soften and melt together, to form a single, substantially integral, flange completely covering the annular rib (26) at the base of the dome member (24), so as to create a fluid-tight seal between the housing (10) and the dome member (24). The end of the housing (10) opposite to that having the tabs (12) is provided with an aperture (30) with which the stem (32) of a keycap 34 is slidably engaged. The recess (16) for receiving the dome member (24) is shaped and configured so as to provide sufficient clearance such that the dome member (24) does not contact the inner wall of the housing (10) when it is deformed in use.



(54) Title of the invention: CASTING OF METAL ARTEFACTS

(51) International classification :B22D 17/22
 (31) Priority Document No :2003/9208
 (32) Priority Date :26/11/2003
 (33) Name of priority country :South Africa
 (86) International Application No :PCT/IB2004/003838
 Filing Date :24/11/2004
 (87) International Publication No :WO/2005/051571
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)PRICE, James CairnsAddress of Applicant :50 Stella Londt Drive, Sunridge Park, 6045
PORT ELIZABETH, Eastern Cape, S.A. South Africa**2)RAFFLE, Marie, Thomas, Gilles**

(72)Name of Inventor :

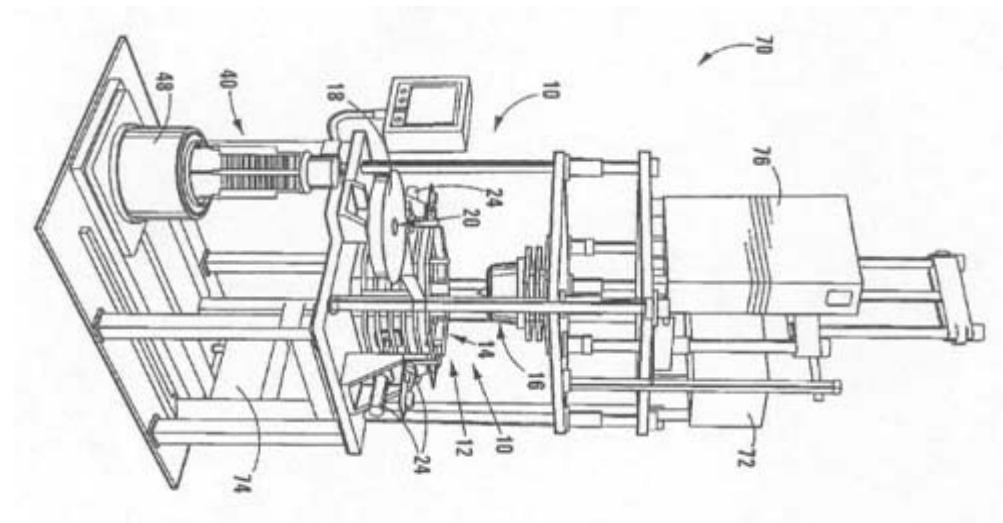
1)RAFFLE, Marie, Thomas, Gilles

No of Pages: 27

No of Claims: 19

(57) Abstract:

The invention provides a process, casting assembly (10) and casting apparatus for charging a mould (12) with molten metal and solidifying it in the mould to form an artefact, the process including, prior to charging the mould, heating the mould by induction heating to an elevated temperature at which the charging takes place. The assembly (10) includes a mould (12) for casting the artefact and an induction heating arrangement (14), which includes at least one induction coil surrounding the mould, for heating it to an elevated temperature prior to the casting. The apparatus (20) includes the assembly (10) and a melting apparatus (4) for forming a molten charge of metal, the apparatus (40) including a heating arrangement (44) for heating a precursor of the molten charge to melt it.



(54) Title of the invention: CASTING OF METAL ARTEFACTS

(51) International classification	:B22D 17/22
(31) Priority Document No	:2003/9209
(32) Priority Date	:26/11/2003
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2004/003840
Filing Date	:24/11/2004
(87) International Publication No	:WO 2005/051570
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant:

1) PRICE, JAMES, CAIRNSAddress of Applicant: 50 STELLA LONDT DRIVE, SUNRIDGE PARK,
6045 PORT ELIZABETH, EASTERN CAPE, South Africa**2)RAFFLE, MARIE, THOMAS, GILLES**

(72)Name of Inventor :

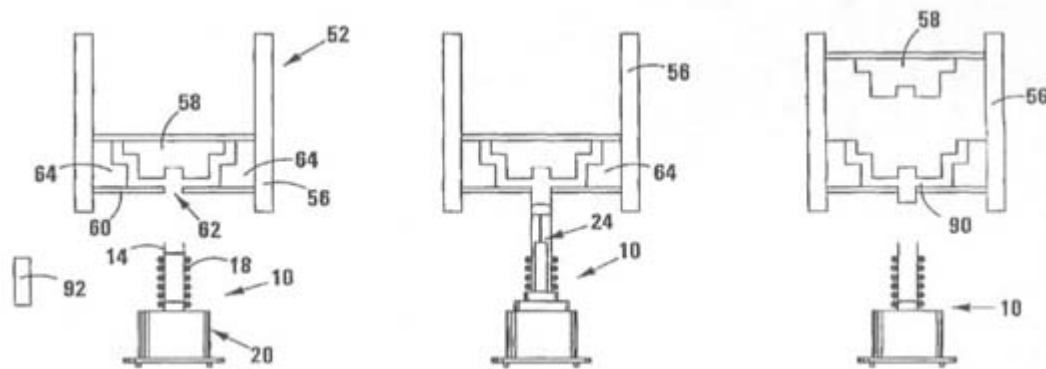
1)RAFFLE, MARIE, THOMAS, GILLES

No of Pages: 27

No of Claims: 16

(57) Abstract:

The invention provides a process and apparatus (50) for casting an artefact by forming a molten charge of metal, charging a mould with the charge to fill it sufficiently to form a single artefact, the charge solidifying in the mould. The size of the charge is selected to match the capacity of the mould so that charging the mould consumes substantially the whole charge. The apparatus (50) has a container (12) in which a molten charge of metal is held and a mould (54) into which the charge is transferred. The container and mould have matched capacities so that filling the mould with sufficient metal to form a single artefact consumes substantially the whole charge and leaves the container empty. Fig. 4



(54) Title of the invention: A PROCESS AND CAPSULE FOR PREPARING BEVERAGES

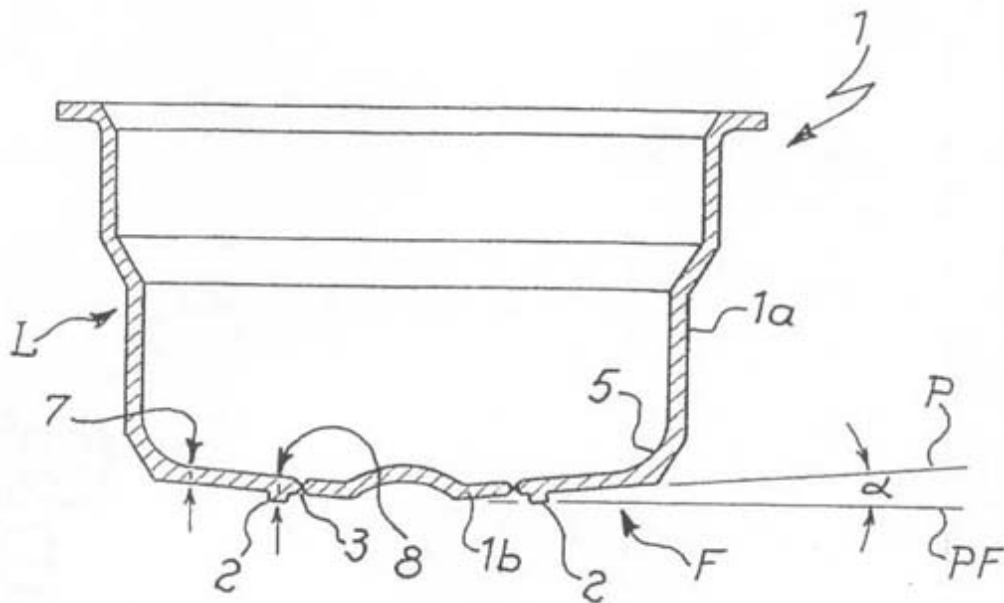
(51) International classification	:A47J31/00,A47J31/40	(71) Name of Applicant: 1)TUTTOESPRESSO S.P.A.
(31) Priority Document No	:04425042.1	Address of Applicant :VIA TRIESTE 49, I-21042, CARONNO
(32) Priority Date	:26/01/2004	PERTUSELLA (VA), Italy
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor : 1)DOGLIONI MAJER, LUCA
(86) International Application No	:PCT/IB2005/000163	
Filing Date	:24/01/2005	
(87) International Publication No	:WO 2005/080223	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 24

No of Claims : 20

(57) Abstract:

A single serve capsule (1) for the preparation of hot beverages such as coffee, cappuccino, tea or the like from soluble or ground preparations, having an outlet lid portion (1 b) located on a dispensing wall (F) in order to form a dispensing opening (11) after a liquid has been introduced into the capsule, as well as means for changing the area of said dispensing opening during the dispensing step of the beverage.



(54) Title of the invention: IMPROVED CODING TECHNIQUES USING ESTIMATED SPECTRAL MAGNITUDE AND PHASE DERIVED FROM MDTC COEFFICIENTS

(51) International classification :G06F
17/14,G10L19/02
(31) Priority Document No :10/766,681
(32) Priority Date :27/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001499
Filing Date :14/01/2005
(87) International Publication No :WO 2005/073960
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

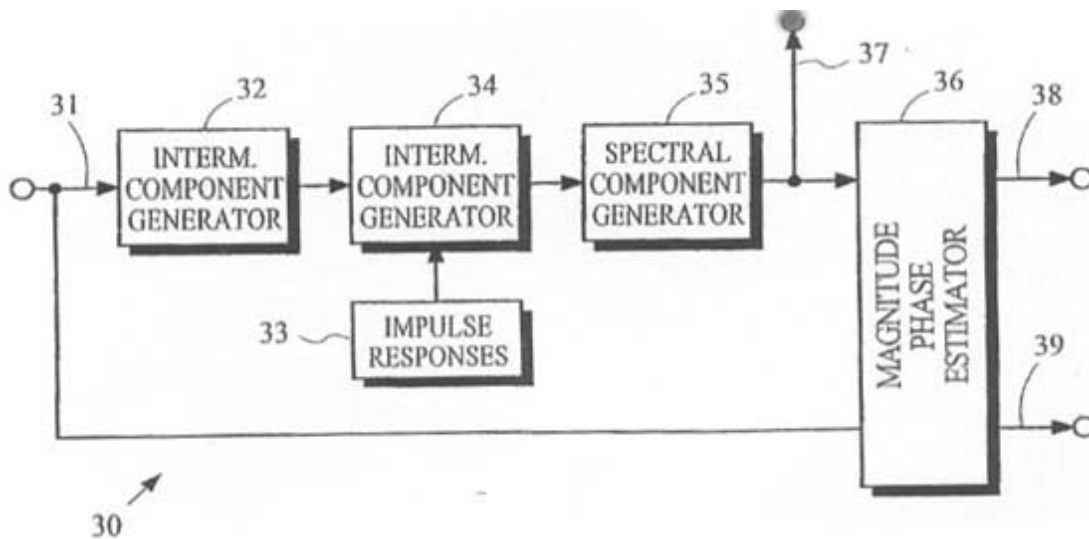
(71)Name of Applicant :
1)DOLBY LABORATORIES LICENSING CORPORATION
Address of Applicant :100, POTRERO AVENUE, SAN FRANCISCO,
CA 94103-4813 U.S.A.
(72)Name of Inventor :
1)CHENG, COREY, I.
2)SMITHERS, MICHAEL, J
3)LATHROP, DAVID, N.

No of Pages: 52

No of Claims : 44

(57) Abstract:

Estimates of spectral magnitude and phase are obtained by an estimation process using spectral information from analysis filter banks such as the Modified Discrete Cosine Transform. The estimation process may be implemented by convolution-like operations with impulse responses. Portions of the impulses responses may be selected for use in the convolution-like operations to trade off between computational complexity and estimation accuracy. Mathematical derivations of analytical expressions for filter structures and impulse responses are disclosed.



(54) Title of the invention: DOUBLE UNWINDER UNIT FOR ROLLS OF SHEET-LIKE MATERIAL PROVIDED WITH A DEVICE FOR SPLICING THE SHEETS BEING UNWOUND

(51) International classification :B65H 19/18
 (31) Priority Document No :FI2003A000301
 (32) Priority Date :28/11/2003
 (33) Name of priority country :Italy
 (86) International Application No :
 Filing Date PCT/IT2004/000653
 :25/11/2004
 (87) International Publication No :WO/2005/051817
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71) Name of Applicant:

1)RENT S.R.L.

Address of Applicant :VIA GARIBALDI, 5/C, I-51010 MASSA E COZZILE-PISTOIA Italy

(72)Name of Inventor :

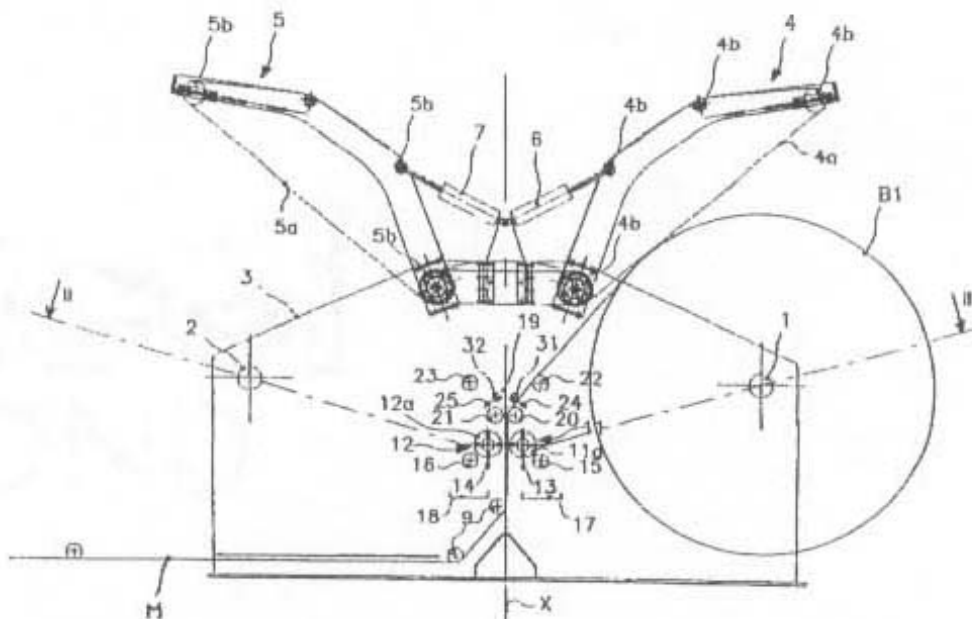
1)RENZO TOMMASI

No of Pages: 25

No of Claims : 12

(57) Abstract:

Unwinder unit for rolls (B1, B2) of sheet-like material (M), comprising a pair of unwinder shafts (1, 2) for respective rolls, arranged on opposite sides of a plane of symmetry (X) and suitable for feeding the material onto said plane and beyond it to an equipment downstream. The unit comprises a device (8) for splicing the tail end of a roll being unwound from one of said shafts to the leading end of a new, full roll installed on the other shaft, the device in turn having a configuration symmetrical to the plane of symmetry (S) and comprising a pair of splicing cylinders (11, 12), arranged on either side of the plane of symmetry (X), revolving around their respective axes and capable of moving closer together and further away from each other, the position in which they come closest coinciding with a condition of mutual contact; groups of suction holes (113) formed in lines along generatrices of the splicing cylinders (11, 12), for withholding the material against the cylinders and deviating it away from the plane of symmetry (X); first cutting means (13) for cooperating with the cylinders downstream of the area of mutual contact to cut the material withheld against the cylinder along a generatrix, second cutting means (24), arranged upstream; and means for controlling the cylinders, capable of synchronizing their rotation with the speed at which the material (M) is unwound.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1784/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 26/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention: REUSABLE COMPRESSED OBJECTS

(51) International classification	:G06F 15/16
(31) Priority Document No	:60/533,204
(32) Priority Date	:29/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043085
Filing Date	:22/12/2004
(87) International Publication No	:WO 2005/065240
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VENTURI WIRELESS, INCORPORATED
Address of Applicant :555 N. MATHILDA AVENUE, SUITE 100,
SUNNYVALE, CA 94086 U.S.A.
(72)**Name of Inventor :**
1)VERMA, PRADEEP
2)GARRETT, KEITH

No of Pages: 35

No of Claims : 27

(57) Abstract:

The invention provides a method and apparatus for storing and accessing compressed objects for reuse. Compressed data, for example objects that are received from the Web, are written back to a cache. This allows the storage of multiple object sizes for the same object, depending on the compression settings. Once the object has been compressed, it is not necessary to compress it again. The invention also provides for compressing the object's header to achieve additional compression, for example, for a second request for the object if they request is received through a client. In clientless mode, it is not necessary to compress the header at all.

(54) Title of the invention: METHOD FOR PROCESSING OPTICAL FIBER AND APPARATUS FOR PROCESSING OPTICAL FIBER.

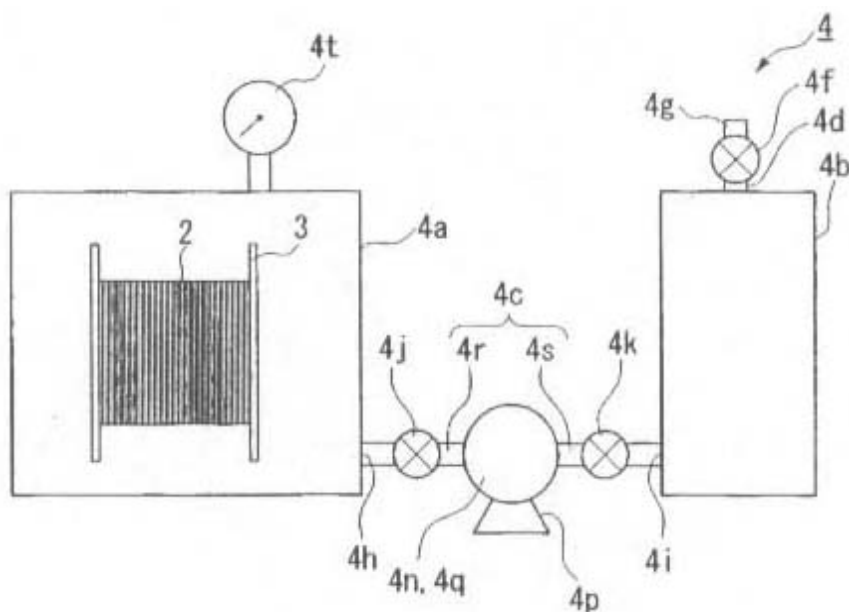
(51) International classification	:C03C 25/00,G02B 6/00	(71)Name of Applicant :
(31) Priority Document No	:2003-424632	1)FUJIKURA LTD.
(32) Priority Date	:22/12/2003	Address of Applicant :5-1, KIBA 1-CHOME KOHTOH-KU TOKYO
(33) Name of priority country	: Japan	Japan
(86) International Application No	:	(72)Name of Inventor :
Filing Date	PCT/JP2004/001803	1)HAMADA TAKAHIRO
(87) International Publication No	:18/02/2004	2)FUJIMAKI MUNEHISA
(61) Patent of Addition to Application Number	:WO/2005/062088	3)YAMASHIRO KENJI
Filing Date	:NA	4)HARADA KOICHI
(62) Divisional to Application Number	:NA	5)SHIRAKO YUKINARI
Filing Date	:NA	6)SAWANO HIROYUKI

No of Pages: 25

No of Claims: 16

(57) Abstract:

A method for processing an optical fiber at least comprises a first step for forming a reduced pressure atmosphere within a space where the optical fiber is housed and a second step for exposing the optical fiber to a deuterium-containing gas by supplying the deuterium-containing gas into the space.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1786/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 26/06/2006

(43) Publication Date: 11/05/2007

(54) Title of the invention: METHOD AND KITS FOR PREDICTING AN INFECTIOUS DISEASE STATE

(51) International classification	:C12N7/00,A61K 39/108	(71) Name of Applicant : 1)BINAX, INC.
(31) Priority Document No	:PCT/US2003/037787	Address of Applicant :217 READ STREET, PORTLAND, ME 04103
(32) Priority Date	:26/11/2003	U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2003/037787	1)PIASIO ROGER
Filing Date	:26/11/2003	2)FADEN HOWARD
(87) International Publication No	:WO/2005/063973	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 108

(57) Abstract :

The present invention discloses methods for predicting an infectious disease state of a subject The methods are rapid, simple, and do not require culturing of the causative infectious agent

(54) Title of the invention: APPARATUS AND METHOD FOR RECEIVING A BROADCASTING SERVICE IN A DIGITAL MULTIMEDIA BROADCASTING SYSTEM

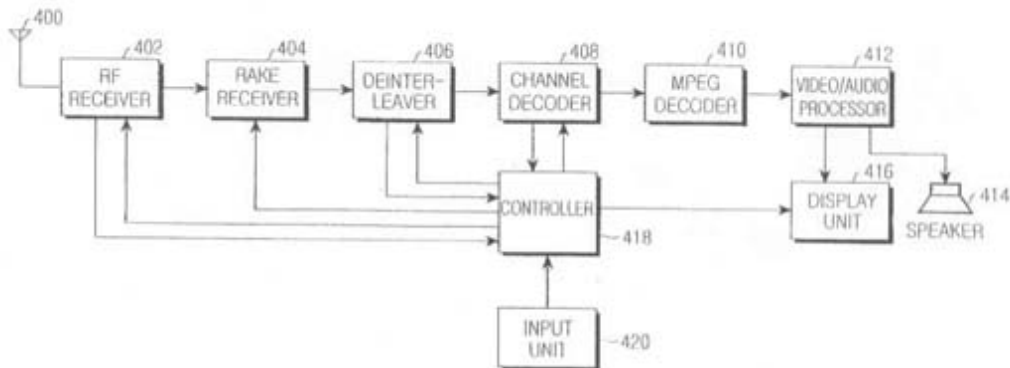
(51) International classification	:G06F 3/00,H04N 7/00	(71)Name of Applicant :
(31) Priority Document No	:1020040018802	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:19/03/2004	Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO REPUBLIC OF KOREA Republic of Korea
(33) Name of priority country	: Democratic People's Republic	(72) Name of Inventor:
(86) International Application No	:PCT/KR2005/000798	1)JUN-WON KO
Filing Date	:18/03/2005	2)SUK-JIN JUNG
(87) International Publication No	:WO 2005/091631 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 10

(57) Abstract :

An apparatus and method are provided for receiving a broadcasting service in a digital multimedia broadcasting (DMB) system based on code division multiplexing (CDM). The broadcasting service reception apparatus and method can minimize inconvenience for a user when a receiver changes a broadcasting service. The receiver maintains existing broadcasting data stored in a buffer while changing the broadcasting service. After the data of a new broadcasting service requested by the receiver is deinterleaved while the existing broadcasting data is maintained, the deinterleaved broadcasting data is output to a screen and another output device. A reserved channel is set such that data of the requested broadcasting service can be deinterleaved.



(54) Title of the invention: METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING BROADCAST DATA USING OUTER - CODING IN A MOBILE COMMUNICATION SYSTEM

(51) International classification :H04B 1/69,H04B 7/212
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/KR2005/000800
 Filing Date :18/03/2005
 (87) International Publication No :WO 2005/088852
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

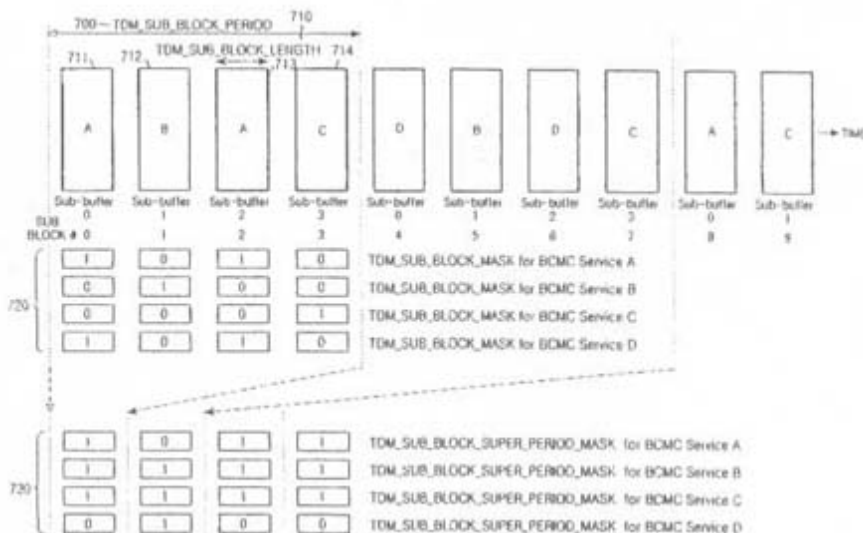
(71)Name of Applicant :
1)SAMSUNG ELECTRONICS CO.LTD.,
 Address of Applicant :416 MAETAN-DONG, YEONGTONG-GU, SUWON-SI,GYEONGGI-DO, Republic of Korea
 (72)Name of Inventor :
1)JONG-HUN RHEE
2)Su-Yean KIM
3)Min-Goo KIM
4)Beom-Sik BAE

No of Pages : 28

No of Claims : 26

(57) Abstract:

A method and apparatus for transmitting and receiving a broadcast service in a mobile communication system which outer-codes frames for a plurality of broadcast services and Time Domain Multiplex (TDM)-transmits the outer-coded frames. A transmitter transmits broadcast parameter message comprising information indicating a specific sub-buffer in which respective broadcast services are stored. A receiver for receiving the broadcast parameter message from the transmitter, and maps the sub-buffer in which respective broadcast services are stored. A receiver for receiving the broadcast parameter message from the transmitter, and maps the sub-buffer to a corresponding sub-block mask based on the broadcast parameter message. The transmitter (TDM)-transmits the frames for the plurality of broadcast services per sub-block. The receiver selectively receives frames for a desired broadcast service using the sub-block mask and decodes the selectively received frames.



(54) Title of the invention: CIRCUIT ARRANGEMENT AND METHOD FOR PROTECTING AN INTEGRATED SEMICONDUCTOR CIRCUIT

(51) International classification :H01L 27/02
 (31) Priority Document No :10 2004 007 241.8
 (32) Priority Date :13/02/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/001476
 Filing Date :14/02/2005
 (87) International Publication No :WO/2005/078798
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

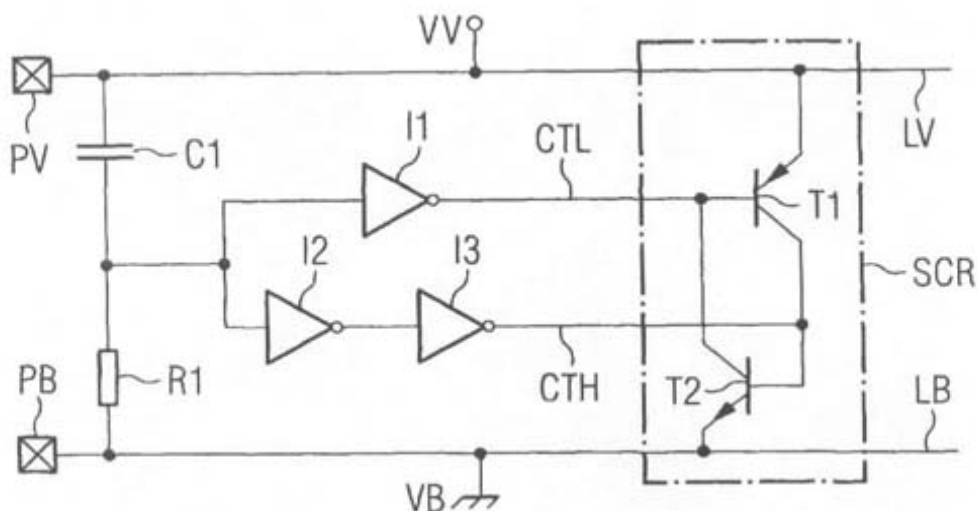
(71)Name of Applicant :
1)AUSTRIAMICROSYSTEMS AG
 Address of Applicant :Scholss Premstatten, A-8141 Unterpremstatten
 Austria
 (72)Name of Inventor :
1)DEUTSCHMANN, Bernd
2)FRANKHAUSER, Bernd
3)MAYERHOFER, Michael
4)CHOJECKI, Pawel

No of Pages: 26

No of Claims : 18

(57) Abstract:

The invention relates to a circuit arrangement and to a method for protecting an integrated semiconductor circuit that comprises a protective circuit having a thyristor structure (SCR) and a control circuit (TC; C1, R1, I1 to I3) for controlling the protective circuit, which both are inserted between an element (PV, LV) to be protected and a reference potential (VB). The control circuit (TC; C1, R1, I1 to I3) generates a plurality of control signals that control one active element (T1, T2) of the thyristor structure each. The invention allows to specifically trigger the control circuit at defined switching thresholds and short gate-controlled rise times. The invention also relates to a method for determining the duration of activation of the control circuit.



(54) Title of the invention: SAW BLADE LUBRICATING APPARATUS

(51) International classification	:B23D59/00
(31) Priority Document No	:10/756,911
(32) Priority Date	:15/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/001286
Filing Date	:14/01/2005
(87) International Publication No	:WO/2005/069874
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TILLEY, Robert W.

Address of Applicant :21710 Moortown Circle Katy, TX 77450 U.S.A.

(72)Name of Inventor :

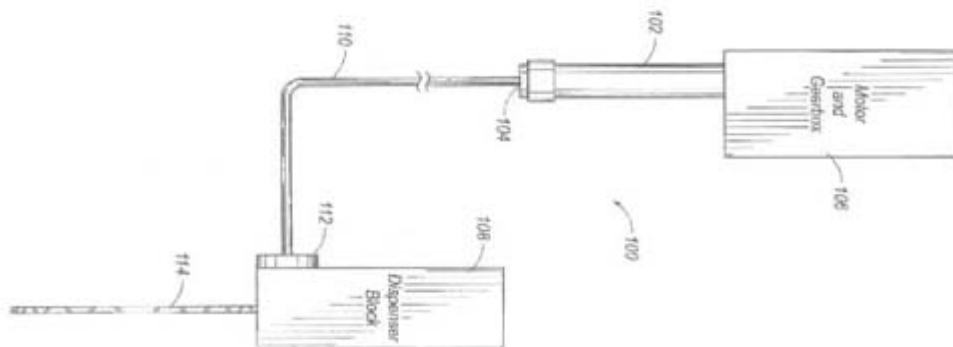
1)TILLEY, Robert, W.

No of Pages : 20

No of Claims : 20

(57) Abstract:

A saw blade lubricating apparatus (100) has a barrel (102) with an outlet (104) at one end thereof, a drive (106) cooperative with the barrel (102) for extruding wax outwardly of the outlet (104) of the barrel (102), a dispenser block (108) connected by a conduit (110) to the barrel (102) and having a wax inlet and a wax outlet, and a valve (112) positioned in or on the dispenser block (108). The valve (112) is selectively movable between a first position allowing wax flow between the wax inlet and the wax outlet and a second position blocking wax flow between the wax inlet and the wax outlet. A saw blade (114) can be positioned adjacent to the wax outlet of the dispenser block (108). FIG. 2



(54) Title of the invention: SYSTEM AND METHOD FOR DIGITIZING A PATTERN

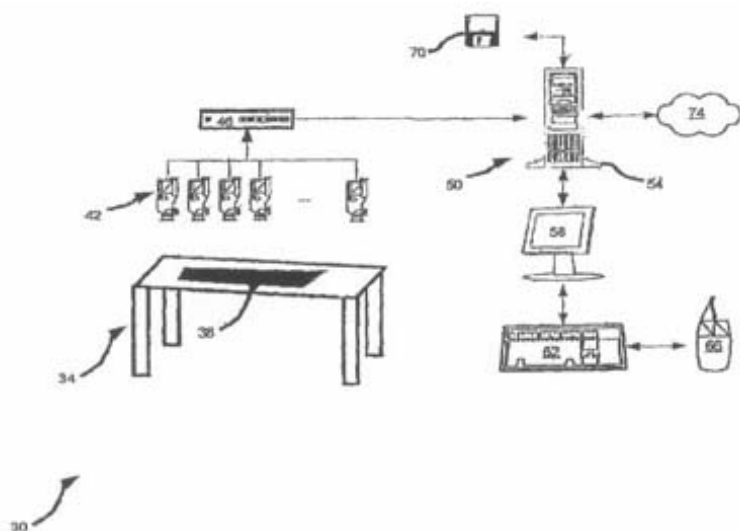
(51) International classification	:G06F 19/00,G06T 7/00	(71)Name of Applicant :
(31) Priority Document No	:60/525,137	1)AMICO, JOHN
(32) Priority Date	:28/11/2003	Address of Applicant :12 HILLTOP ROAD, BRONXVILLE, NY
(33) Name of priority country	:U.S.A.	10708 U.S.A.
(86) International Application No	:PCT/IB2004/003214	2)SBERNA, CARMELO
Filing Date	:16/06/2004	(72)Name of Inventor :
(87) International Publication No	:WO 2005/055142	1)AMICO, JOHN
(61) Patent of Addition to Application Number	:NA	2)SBERNA, CARMELO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 132

No of Claims : 56

(57) Abstract :

The present invention provides a novel system and method for digitizing garment patterns. In a system embodiment, there are imaging devices supported above a garment pattern-making table. The imaging devices are connected to a computing device via a suitable network connection. The imaging devices are operable to capture data representative of a known garment pattern, and deliver that data to the computing device. In turn the computing device is operable to vectorize the pattern. Once vectorized, the pattern is subjected to a fully automated recognition operation, and a file is outputted that includes a digitized pattern representing the garment pattern, including elements such as the border, turn points along the border and other specific elements within the border.



(54) Title of the invention: ORMOSIL AEROGELS CONTAINING SILICON BONDED LINEAR POLYMERS

(51) International classification :C01B 33/00
 (31) Priority Document No :60/534,803
 (32) Priority Date :06/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/000295
 Filing Date :05/01/2005
 (87) International Publication No :WO/2005/068361
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

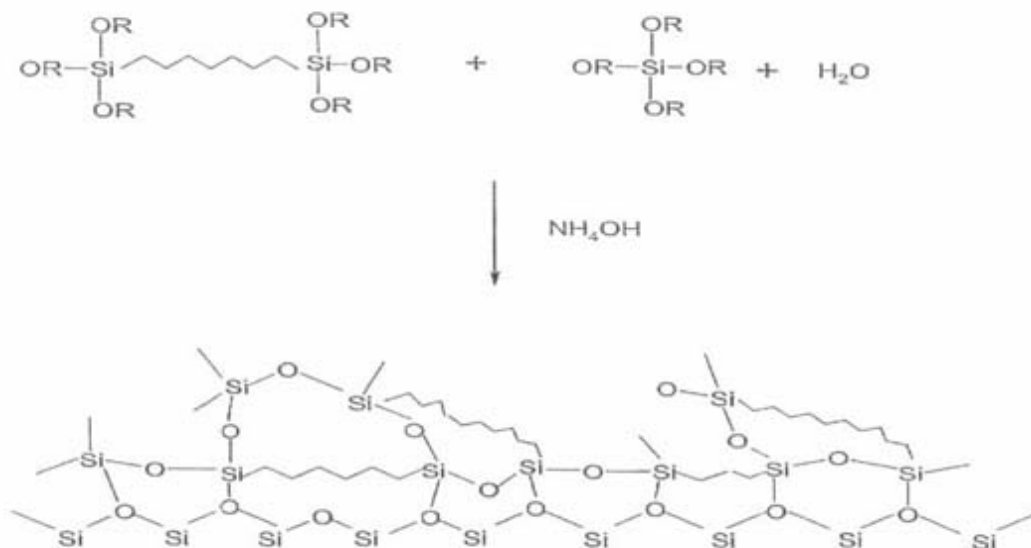
(71)**Name of Applicant :**
1)ASPEN AEROGELS, INC.
 Address of Applicant :30 FORBES ROAD, BUILDING B,
 NORTHBOROUGH, MA 01532 U.S.A.
 (72)**Name of Inventor :**
1)OU DUAN LI
2)GOULD GEORGE L

No of Pages : 30

No of Claims: 21

(57) Abstract :

The invention provides reinforced aerogel monoliths as well as fiber reinforced composites thereof for a variety of uses. Compositions and methods of preparing the monoliths and composites are also provided.



(54) Title of the invention: EMBRYONIC STEM CELL AND METHOD FOR PREPARING THE SAME

(51) International classification :C12N 5/00, C12N 5/02 ,
C12N 5/08
(31) Priority Document No :PCT/KR03/002899
(32) Priority Date :30/12/2003
(33) Name of priority country : Republic of Korea
(86) International Application No :PCT/KR2004/003528
Filing Date :30/12/2004
(87) International Publication No :WO 2005/063972
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SEOUL NATIONAL UNIVERSITY INDUSTRY FOUNDATION

Address of Applicant :SAN 4-2, BONGCHEON-DONG, GWANAK-GU, SEOUL 151-050 Republic of Korea

(72)Name of Inventor :

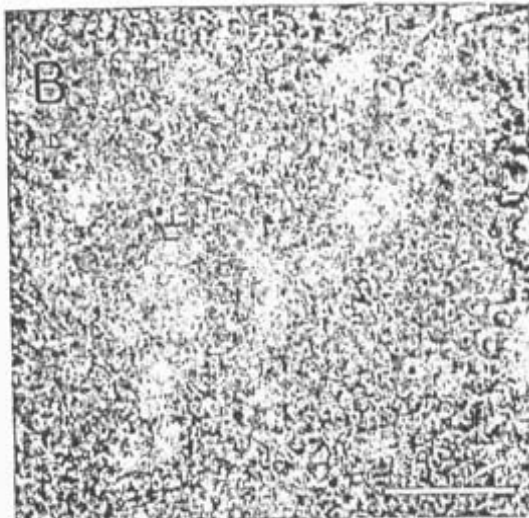
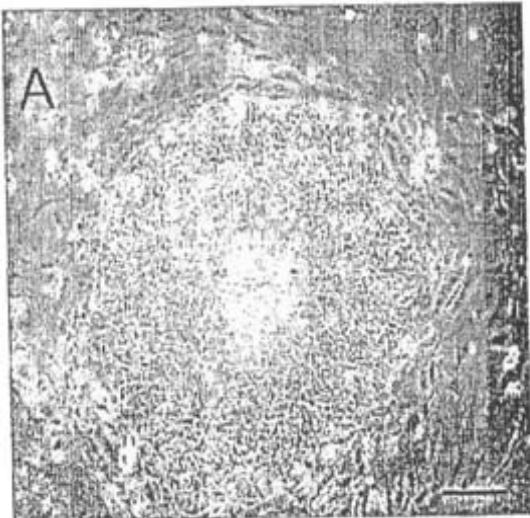
1)ROH SUNG-IL**2)HWANG WOO-SUK****3)LEE BYEONG-CHUN****4)KANG SUNG-KEUN****5)RYU YOUNG-JUNE****6)LEE EU-GENE****7)KIM SOON-WOONG****8)KWON HEE-SUN****9)KOO JA-MIN****10)PARK EUL-SOON****11)HWANG YOUN-YOUNG****12)MOON SHIN-YONG****13)OH SUN-KYUNG****14)AHN CU-RIE****15)YOON HYUN-SOO****16)PARK JONG-HYUK****17)KIM SUNG-JONG****18)CHOI YANG-KYU**

No of Pages: 58

No of Claims : 26

(57) Abstract:

An embryonic stem cell line derived from a nucleus-transferred oocyte prepared by transferring a nucleus of a human somatic cell into an enucleated human oocyte may differentiate into various desired cell types.



(54) Title of the invention: LOW FRICTION, ABRASION-RESISTANT BEARING MATERIALS

(51) International classification :F16C 33/20
 (31) Priority Document No :10/783,004
 (32) Priority Date :19/02/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/044058
 Filing Date :30/12/2004
 (87) International Publication No :WO 2005/083282
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)GORE ENTERPRISE HOLDINGS, INC.Address of Applicant :551, PAPER MILL ROAD, P.O.BOX 9206,
NEWARK, DE 19714-9206 U.S.A.

(72)Name of Inventor :

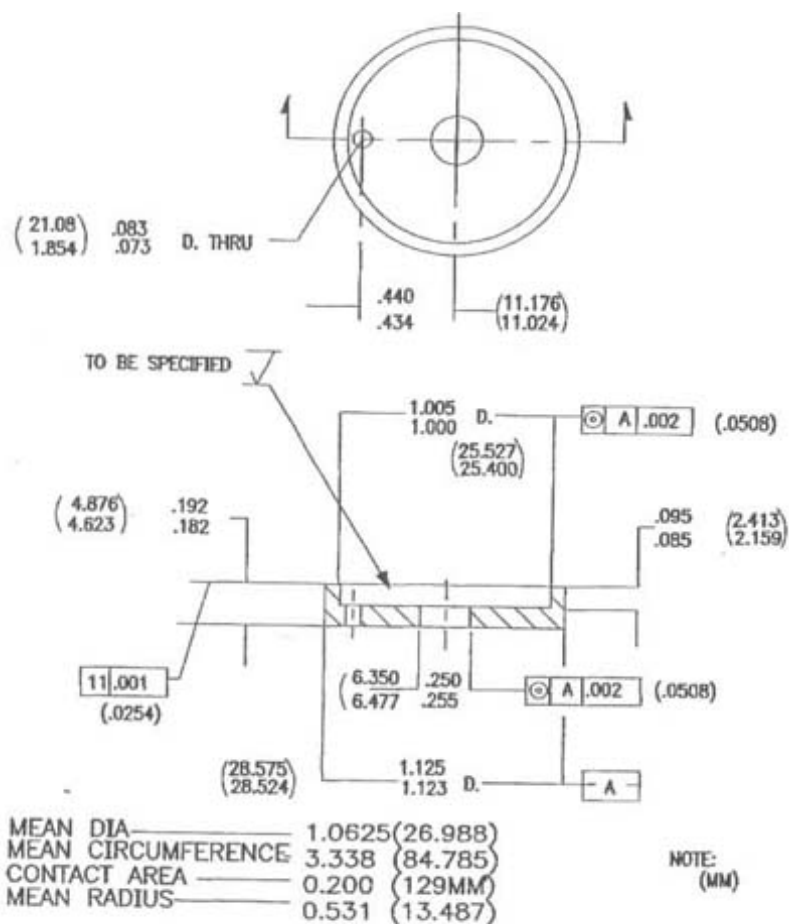
1)CHU, CHAOKANG**2)HANRAHAN, JAMES, R.**

No of Pages : 28

No of Claims : 34

(57) Abstract :

A friction-reducing abrasion resistant bearing material is described. The material comprises a monolithic, porous polytetrafluoroethylene (ePTFE) having dispersed therein a wear-resistant thermosetting or thermoplastic resin material.



(54) Title of the invention: ILLUMINATION DEVICE FOR SIMULATING NEON USING PHOSPHORESCENT DYE

(51) International classification	:F21V 1/00
(31) Priority Document No	:60/533,581
(32) Priority Date	:31/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043867
Filing Date	:29/12/2004
(87) International Publication No	:WO 2005/065356
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ILIGHT TECHNOLOGIES, INC.Address of Applicant :2130 GREEN BAY ROAD, EVANSTONE, IL
60201 U.S.A.

(72)Name of Inventor :

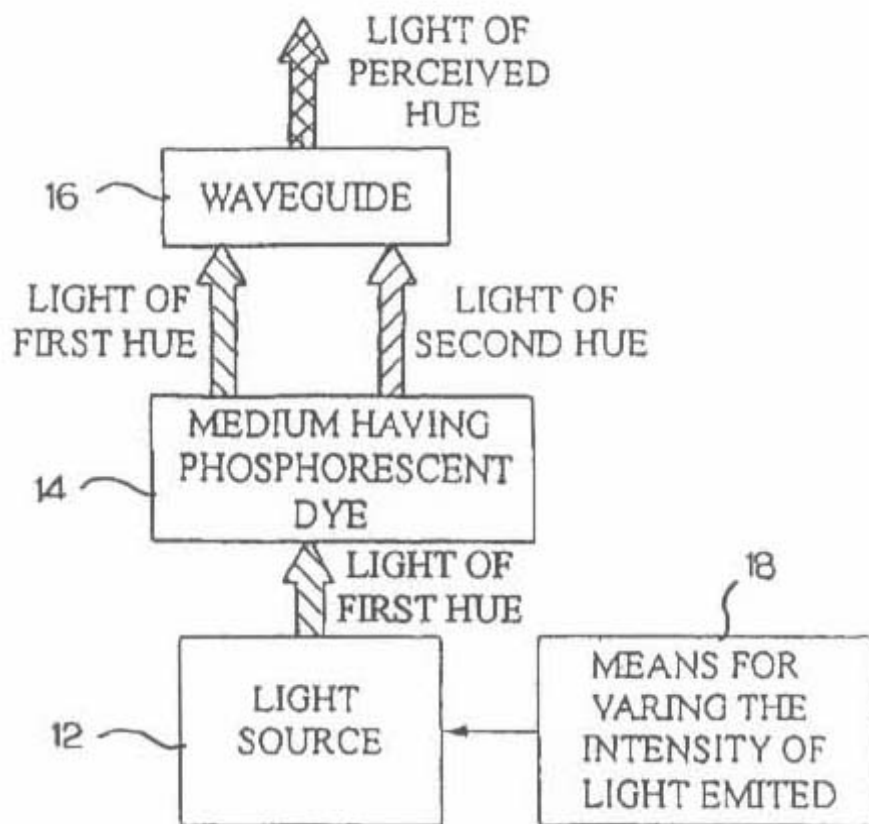
1)HULSE, GEORGE, R

No of Pages : 31

No of Claims : 25

(57) Abstract:

An illumination device simulates neon lighting using a light source for emitting light of a predetermined first hue and a light-transmitting medium having a predetermined density of phosphorescent dye positioned adjacent to the light source. The phosphorescent dye will absorb light emitted by the light source and emit light of a second hue. An observer of device perceives light that is of a hue that is different from the predetermined first hue. A means for varying the intensity of the light emitted by the light source creates color-changing effects in the illumination device. Light emitting diodes (LEDs) are a suitable light source. A wave-guide having both optical wave-guide and light scattering properties is used to diffuse the combined light and simulate the uniform appearance of a neon tube. Alternatively, the wave-guide itself can be doped with phosphorescent dye to emit light having the perceived hue.



(54) Title of the invention: ORMOSIL AEROGELS CONTAINING SILICON BONDED POLYMETHACRYLATE

(51) International classification	:C01B 33/158
(31) Priority Document No	:60/534,804
(32) Priority Date	:06/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/000349
Filing Date	:05/01/2005
(87) International Publication No	:WO/2005/098553
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ASPEN AEROGELS, INC.Address of Applicant :30 FORBES ROAD, BUILDING B,
NORTHBOROUGH, MA 01532 U.S.A.

(72)Name of Inventor :

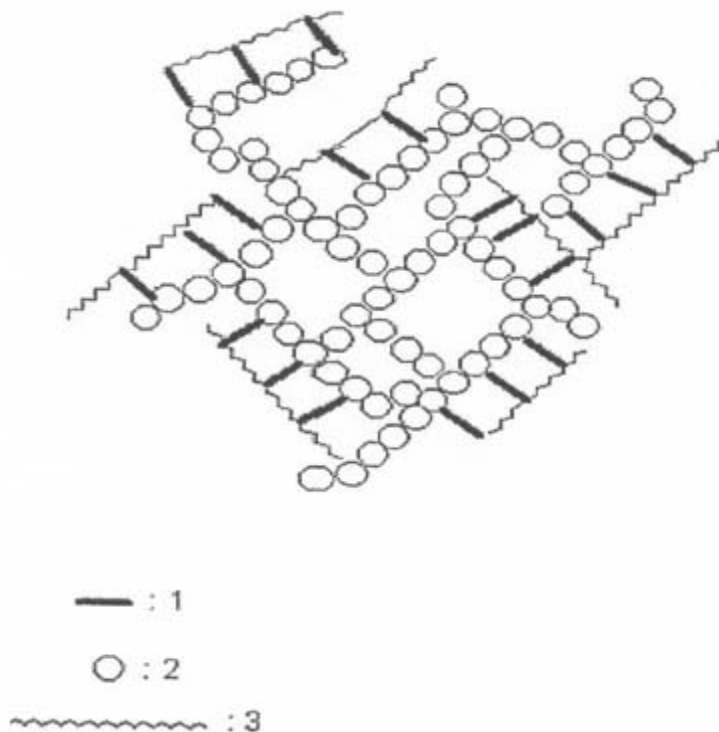
1)OU DUAN LI**2)GOULD GEORGE L****3)STEPANIAN CHRISTOPHER J**

No of Pages: 47

No of Claims : 19

(57) Abstract:

The invention provides reinforced aerogel monoliths as well as fiber reinforced composites thereof for a variety of uses. Compositions and methods of preparing the monoliths and composites are also provided.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1797/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 27/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention: A SIMPLIFIED METHOD TO RETRIEVE CHITOSAN FROM ACIDIC SOLUTIONS THEREOF

(51) International classification	:C08B 37/08
(31) Priority Document No	:60/534,346
(32) Priority Date	:06/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2004/002202
Filing Date	:24/12/2004
(87) International Publication No	:WO/2005/066213
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UNIVERSITE DE SHERBROOKE
Address of Applicant :2500 BOUL. UNIVERSITE SHERBROOKE QC
J1K 2R1, Canada
(72)**Name of Inventor :**
1)LEHOUX, JEAN-GUY
2)DUPUS, GILLES

No of Pages : 83

No of Claims : 19

(57) Abstract :

Composition of salted out chitosan polymer containing mixture of certain salting out salts as well as methods for making and using same are disclosed. Chitosan polymer preparations produced by such methods are substantially free of chitosanase, undesirable salts and excess acid and retain their physiological as well as biological and physico-chemical properties. The chitosan preparations of the present invention are valuable for the dispensing of biologically active chitosan in forms of drugs or food supplement. Most-of these preparations easily dissolve in an aqueous acidic milieu such as the one of the stomach.

(54) Title of the invention: COILED TUBING CONNECTOR AND METHOD OF MANUFACTURE

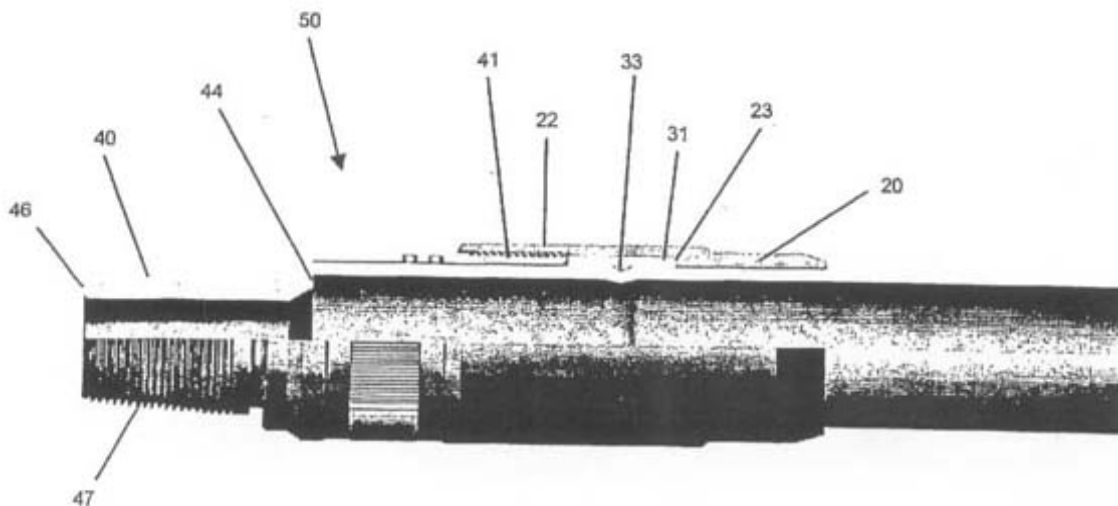
(51) International classification	:E21B 17/04	(71)Name of Applicant :
(31) Priority Document No	:10/724,689	1)VARCO I/P, INC.
(32) Priority Date	:02/12/2003	Address of Applicant :BRIARLAKE PLAZA BUILDING, SUITE
(33) Name of priority country	:U.S.A.	1700, 2000 WEST SAM HOUSTON PARKWAY SOUTH, HOUSTON,
(86) International Application No	:PCT/US2004/039954	TX 77042 U.S.A.
Filing Date	:01/12/2004	(72)Name of Inventor :
(87) International Publication No	:WO 2005/056973	1)PARKER, ROBERT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 9

(57) Abstract :

In the field of oil drilling and other well operations there is a need for a coiled tubing connector that is quick and simple to use. There is also a need for a coiled tubing connector that is reusable. A coiled tubing connector (50) comprises a first sub (20); at least one arcuate segment (31,32) and a second sub (40). The first sub (20) is slidable on the exterior surface of a length of unwound coiled tubing (10); and includes an internal recessed portion (21) and an engagement portion (22) adjacent to a first end thereof (26). At least one arcuate segment (31, 32) defines a protuberance (33) extending radially from an inner surface thereof. The or each protuberance (33) is engagable with a corresponding circumferentially extending recess (11) in the coiled tubing (10). The second sub (40) is slidable on the exterior surface of the coiled tubing (10); and includes an engagement portion (41) adjacent to a first end thereof (42). The engagement portion (22) of the first sub (20) is engagable portion (41) of the second sub (40) whereby in use the or each arcuate segment (31,32) is retained within the internal recessed portion (21) of the first sub (20), thereby maintaining engagement of the or each radially extending protuberance (33) with the circumferentially extending recess (11).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1799/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 28/06/2006

(43) Publication Date: 11/05/2007

(54) Title of the invention: PURIFICATION PROCESS FOR LACTIDE

(51) International classification	:C07C 55/28
(31) Priority Document No	:PCT/NL2003/000875
(32) Priority Date	:10/12/2003
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2003/000875
Filing Date	:10/12/2003
(87) International Publication No	:WO 2005/056509
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TATE & LYLE PUBLIC LIMITED COMPANY

Address of Applicant :SUGAR QUAY, LOWER THAMES STREET,
LONDON EC3R 6DQ U.K.

(72)Name of Inventor :

1)MEERDINK, JOHANNES

2)SODERGARD, NILS DAN ANDERS

No of Pages: 32

No of Claims: 16

(57) Abstract:

The present case relates to a process for the purification of lactide from a crude lactide vapour product stream which process comprises a rectification/condensation step leading to a lactide-enriched condensate.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1800/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 28/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention: ISOPEPTIDE GAP JUNCTION MODULATORS

(51) International classification	:C07C237/12; C07K5/00	(71) Name of Applicant : 1)ZEALAND PHARMA A/S Address of Applicant :SMEDELAND 26B DK 2600 GLOSTRUP Denmark
(31) Priority Document No	:60/532,111	
(32) Priority Date	:23/12/2003	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/GB2004/005416	1)LARSEN, Bjarne, Due
Filing Date	:23/12/2004	2)KIDDLE, Simon
(87) International Publication No	:WO/2005/061437	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 62

No of Claims : 29

(57) Abstract :

The invention relates to isopeptides capable of modulating intracellular gap junctional communication. The invention further relates to methods of using the isopeptides to maintain or enhance such communication. In one aspect, the isopeptides are antiarrhythmic isopeptides which target the same cells targeted by AAP, AAP2G, HP5, and/or functional analogs thereof, i.e. the isopeptides are able to modulate the function of these cells by agonizing or antagonizing the function of AAP, AAP10, HP5, and/or functional analogs thereof.

(54) Title of the invention : SELF-CLEANING LIGHTING DEVICE

(51) International classification

:B01J35/00;
C03C17/23

(31) Priority Document No

:0400100

(32) Priority Date

:07/01/2004

(33) Name of priority country

:France

(86) International Application No

:PCT/FR05/050009

Filing Date

:07/01/2005

(87) International Publication No

:WO/2005/070540

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SAINT-GOBAIN GLASS FRANCE

Address of Applicant :18 AVENUE D'ALSACE F-92400

COURBEVOIE France

(72)Name of Inventor :

1)GUENEAU, Lethicia**2)BOUIGEON, Christian****3)TARIEL, Hugues****4)RONDET, Mauricette**

No of Pages: 20

No of Claims : 16

(57) Abstract:

The invention relates to a self-cleaning lighting device comprising a light source and a wall, which permits a portion of at least the radiation emitted by said source to pass therethrough and which is covered, over a portion of at least one of its two faces, by a photocatalytically active layer. The invention is characterized in that under the weakest illumination conditions, the photocatalytic activity of said layer is high enough for degrading and reducing organic soilings into easily eliminable particles that do not adhere to said layer, and/or for conferring a hydrophilic character to this layer. The invention also relates to a method for producing the aforementioned device, a translucent wall provided for this device, and to the use of the device for lighting tunnels, public lighting, airport runway lighting, indoor lighting or for headlamps or indicator lights of transportation vehicles.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1802/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application: 28/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention: ANTIMICROBIAL COMPOSITION

(51) International classification	:A61K8/24 A61K8/27	(71) Name of Applicant : 1)THE UNIVERSITY OF MELBOURNE Address of Applicant :ROYAL PARADE PARKVILLE, VIC 3052 Australia
(31) Priority Document No	:2003-907002	(72) Name of Inventor :
(32) Priority Date	:19/12/2003	1)REYNOLDS, ERIC, CHARLES
(33) Name of priority country	:Australia	2)DASHPER, STUART, GEOFFREY
(86) International Application No	:PCT/AU2004/001764	3)PAOLINI, RITA, ANN
Filing Date	:15/12/2004	
(87) International Publication No	:WO/2005/058344	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 44

No of Claims : 15

(57) Abstract :

The present invention relates to novel antimicrobial composition comprising a peptide which can be obtained from the milk protein casein or chemically synthesised or produced by recombinant DNA technology and a divalent cation.

(54) Title of the invention: HETEROCYCLIC SULFONAMIDE INHIBITORS OF BETA AMYLOID PRODUCTION CONTAINING AN AZOLE

(51) International classification :C07D 231/12
 (31) Priority Document No :60/537,086
 (32) Priority Date :16/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/001082
 Filing Date :13/01/2005
 (87) International Publication No :WO/2005/073198
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)WYETH

Address of Applicant :FIVE GIRALDA FARMS MADISON NEW JERSEY 07940 U.S.A.

(72)Name of Inventor :

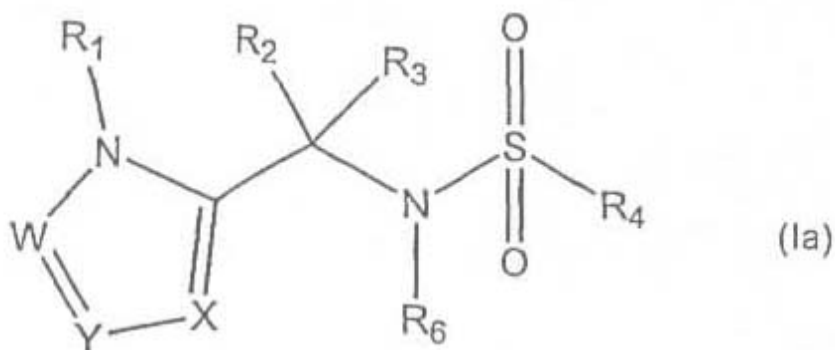
1)RESNICK LYNN**2)HURYN DONNA M.****3)SABALSKI JOAN E.****4)BERKOWITZ JOSHUA D.****5)KREFT ANTHONY FRANK****6)KUBRAK DENNIS MARTIN****7)CAGGIANO THOMAS JOSEPH****8)MORIS KOI MICHELE**

No of Pages : 75

No of Claims : 22

(57) Abstract:

Compounds useful for lowering beta amyloid levels are provided. The compounds have the structure of formula Ia: wherein, R1 is lower alkyl, substituted lower alkyl, phenyl, substituted phenyl, benzyl, substituted benzyl, benzyloxy, substituted benzyloxy, or SO₂R₅; R₅ is phenyl, substituted phenyl, heterocycle, substituted heterocycle, alkyl, or substituted alkyl; R₂ is lower alkyl, substituted lower alkyl, CF₃, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, phenyl, substituted phenyl, or cycloalkyl; R₃ is hydrogen, lower alkyl, or substituted lower alkyl; R₄ is phenyl, substituted phenyl, heterocycle, substituted heterocycle, thiophene, or substituted thiophene; R₆ is hydrogen, lower alkyl, substituted lower alkyl, CF₃, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, phenyl, substituted phenyl, cycloalkyl or substituted cycloalkyl; W, X and Y are independently CR₇ or N; and R₇ is hydrogen, halogen, lower alkyl, or substituted lower alkyl. ,



(54) Title of the invention: DUAL ARTICULATING SPINAL DEVICE AND METHOD

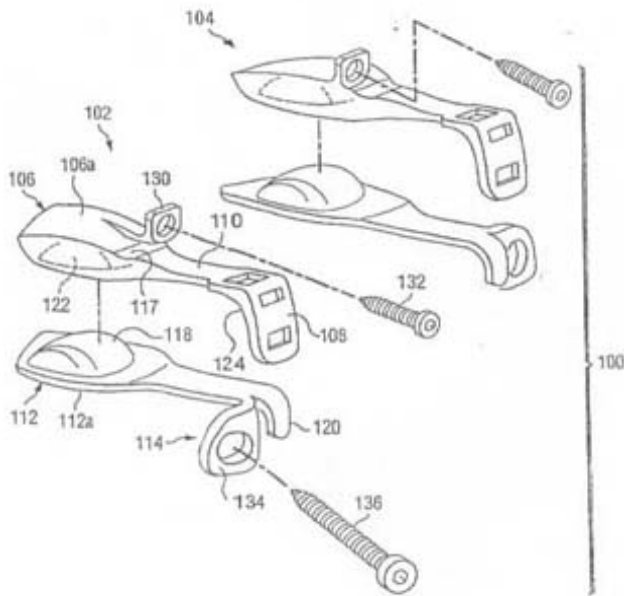
(51) International classification	:A61B17/56 :A61F2/44	(71) Name of Applicant : 1)SDGI HOLDINGS, INC. Address of Applicant :300 DELAWARE AVENUE SUITE 508, WILMINGTON, DE 19801 U.S.A.
(31) Priority Document No	:60/534,960	(72) Name of Inventor :
(32) Priority Date	:09/01/2004	1)PETERMAN MARC M
(33) Name of priority country	:U.S.A.	2)HUMPHREYS STEVEN CRAIG
(86) International Application No	:PCT/US2005/000705	3)HODGES SCOTT D
Filing Date	:10/01/2005	4)BRADDOCK DANNY H, JR.
(87) International Publication No	:WO 2005/070353	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 46

No of Claims : 51

(57) Abstract :

An artificial spinal joint (100) creates at least a portion of a coupling between a superior vertebra and an inferior vertebra. The artificial spinal joint comprises an anterior joint replacement component (106, 112) extending into an intervertebral disc space between the superior and inferior vertebrae. The artificial spinal joint further comprises a bridge component (110, 116) coupled to the anterior joint replacement and extending posteriorly from the anterior joint replacement beyond the intervertebral disc space and a posterior joint replacement component (108, 114) coupled to the bridge, wherein the posterior joint replacement component includes a posterior protrusion (120) engaged with a posterior socket (124).



(54) Title of the invention: METHOD FOR MAKING MICRO-LENS ARRAY

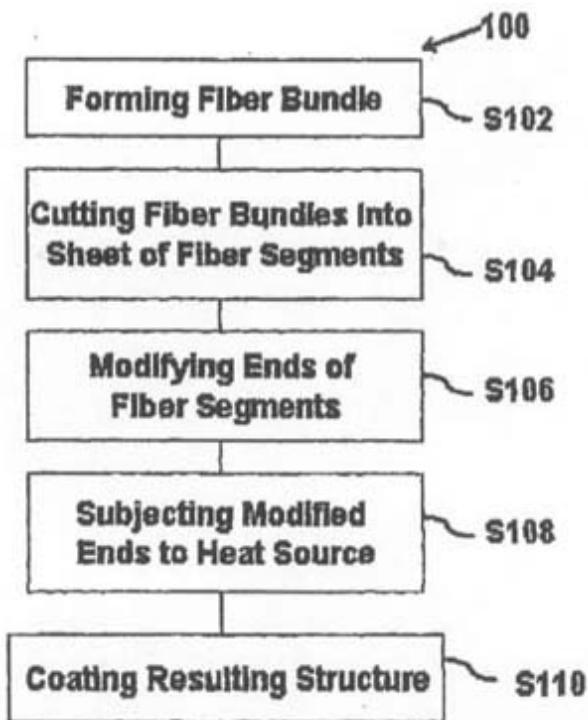
(51) International classification	:B29C 67/00,B29D11/00	(71) Name of Applicant : 1)TANG, YIN S.
(31) Priority Document No	:10/754,365	Address of Applicant :201, ROCKVIEW, IRVINE, CA 92612 U.S.A.
(32) Priority Date	:08/01/2004	(72) Name of Inventor :
(33) Name of priority country	:U.S.A.	1)TANG, YIN S.
(86) International Application No	:PCT/US2004/041764	
Filing Date	:10/12/2004	
(87) International Publication No	:WO 2005/069782	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 26

No of Claims : 20

(57) Abstract :

A method for manufacturing a light controlling structure, generally referred to as a microlens or microlens array. The method including providing a bundle of optically transparent members; cutting the bundle of optically transparent members to form at least one sheet of optically transparent member segments; and hearing the at least one end of the at least one sheet of optically transparent member segments to form lens surfaces thereon.



(54) Title of the invention: RAPID CONNECTION/ASSEMBLY SYSTEM FOR LIFT GUIDES

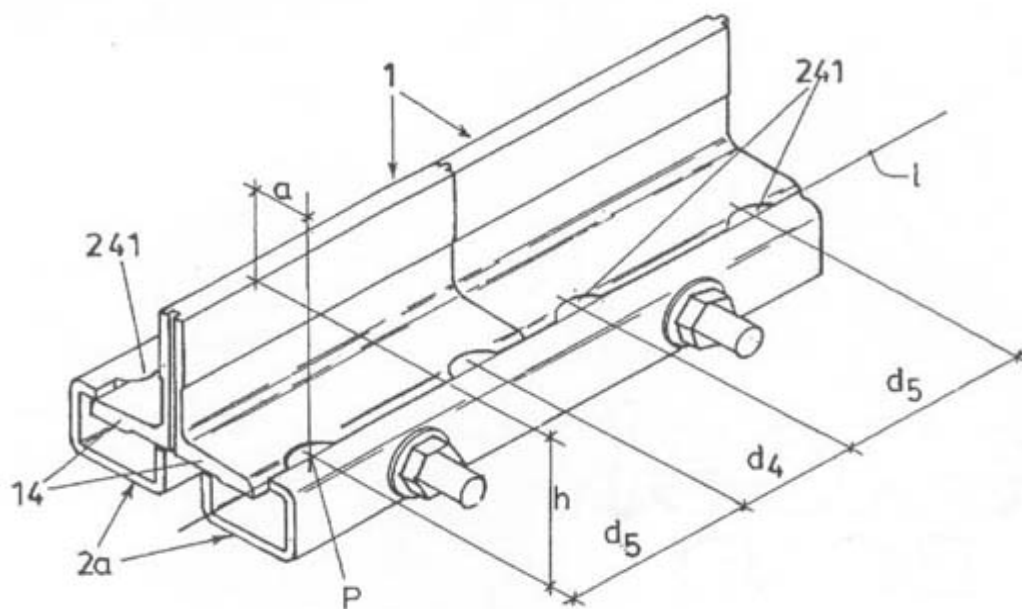
(51) International classification	:B66B 7/02	(71)Name of Applicant :
(31) Priority Document No	:P-200400162	1)S.A. DE VERA (SAVERA)
(32) Priority Date	:26/01/2004	Address of Applicant :BARRIO DE ZALIN., -31780 VERA DE
(33) Name of priority country	:Spain	BIDASOA, (NAVARRA), Spain
(86) International Application No	:PCT/ES2005/000025	(72)Name of Inventor :
Filing Date	:21/01/2005	1)SANZ GAMBOA, JESUS
(87) International Publication No	:WO 2005/070805	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 14

(57) Abstract :

Rapid connection/assembly system, for lift guides, each guide (1) including a core-head (13) and some flanges (14) that have some machined parts (141) placed around some previously defined connection points; some connection plates (2) are organised into two plate parts (2a) that can be moved in some tightening means (2b), (21), (22) mounted on these plate parts (2a) which when brought closer together, tighten these plate parts (2a) sideways against the flange (14), and on each plate part (2a) there are alignment elements (3), (241) that centrally and in a combined way match the machined parts (141) at the connection points (P) of the flanges (14). For application in the manufacture of lift guides.



(54) Title of the invention: COMPOSITIONS AND METHODS FOR PROPAGATION OF NEURAL PROGENITOR CELLS

(51) International classification	:C12N;
(31) Priority Document No	:60/526,424
(32) Priority Date	:02/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/040224
Filing Date	:02/12/2004
(87) International Publication No	:WO 2005/056755
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CATHOLIC HEALTHCARE WESTAddress of Applicant :251 S.LAKE AVENUE, 8TH FLOOR,
PASADENA, CA 91101 U.S.A.

(72)Name of Inventor :

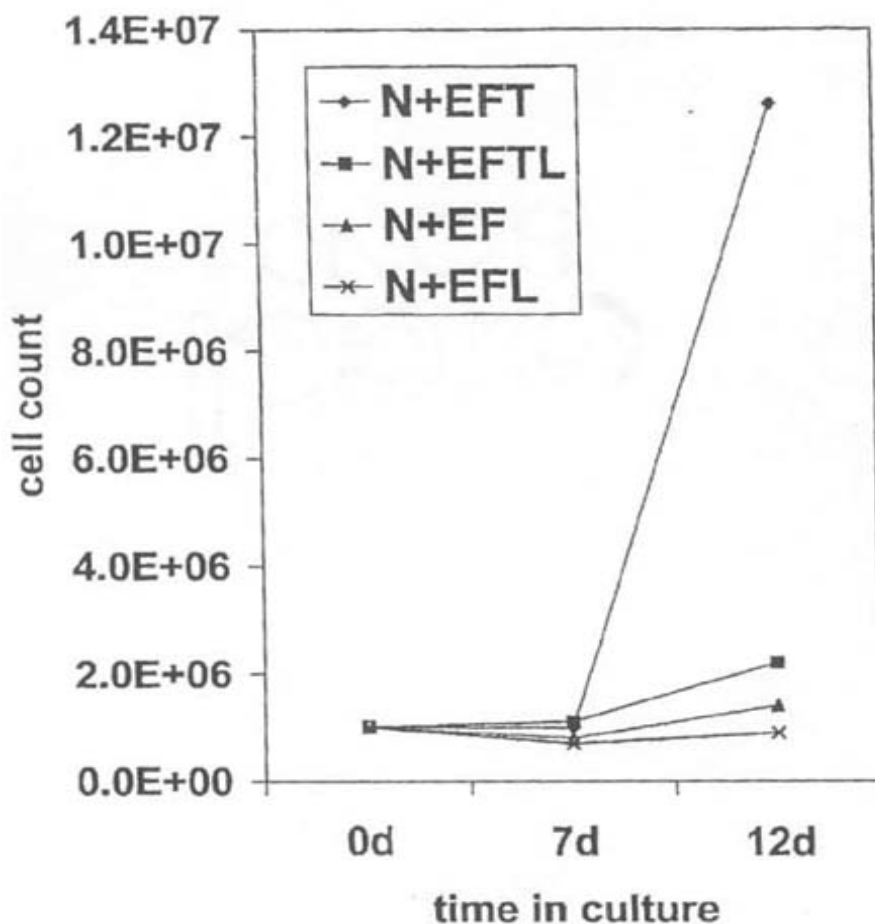
1)KOPYOV OLEG V

No of Pages : 59

No of Claims : 25

(57) Abstract :

Compositions and methods for the culturing, propagation, cryopreservation and manipulation of neural progenitor cells (NPC) and pluripotent stem cells (PSC) are provided. The cells exhibit rapid doubling times and can be maintained in vitro for extended periods. Also provided is a method of propagating neural progenitor cells, and a method of transplanting human NPC and/or PSC to a host. The cells can be genetically modified to express a therapeutic agent prior to the transplanting.



(54) Title of the invention : METHOD FOR SHAPING SHEET METAL USING FLUID

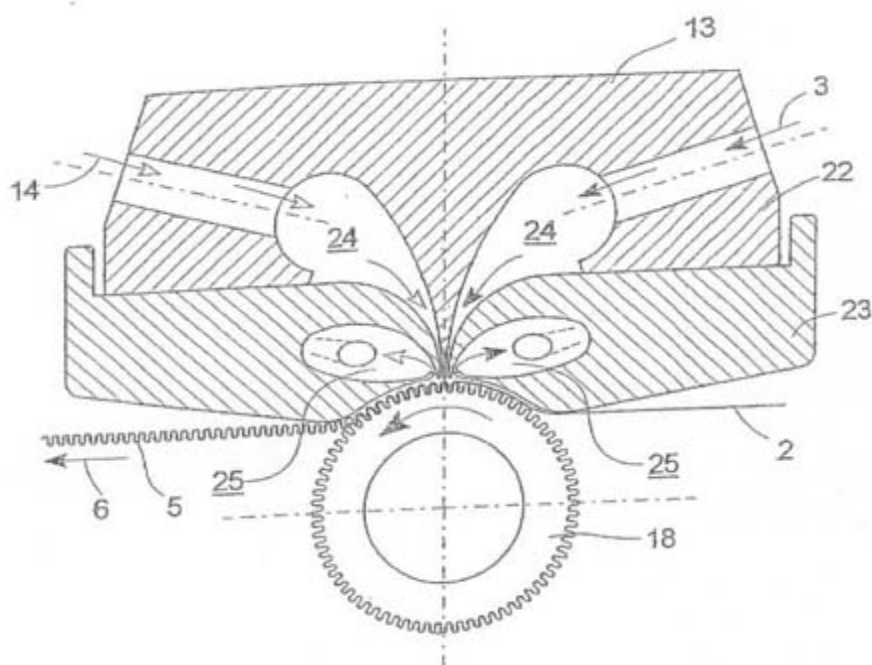
(51) International classification	:B23P 17/00	(71)Name of Applicant :
(31) Priority Document No	:102004001418.3	1)EMITEC GESELLSCHAFT FUR EMISSIONSTECH NOLOGIE
(32) Priority Date	:09/01/2004	MBH
(33) Name of priority country	:Germany	Address of Applicant :HAUPTSTRASSE 150, 83797 LOHMAR
(86) International Application No	:PCT/EP04/014822	Germany
Filing Date	:30/12/2004	(72)Name of Inventor :
(87) International Publication No	:WO/2005/065859	1)HODGSON, JAN,
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 20

(57) Abstract :

The invention relates to a method for manufacturing an exhaust gas treatment component (1) comprising at least one structured piece of sheet metal (2) in which the at least one piece of sheet metal (2) is shaped by means of at least one fluid stream (3, 14). In addition, a device for producing a structured piece of sheet metal (2) is proposed. Fig. 1



(54) Title of the invention : PARTICLE FILTER COMPRISING A METALLIC FIBER LAYER

(51) International classification

:B01D39/12;
B01D39/20

(31) Priority Document No

:102004001417.5

(32) Priority Date

:09/01/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP04/014650

Filing Date

:23/12/2004

(87) International Publication No

:WO/2005/066469

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE
MBH,**Address of Applicant :HAUPTSTRASSE 150 53797 LOHMAR
Germany

(72)Name of Inventor :

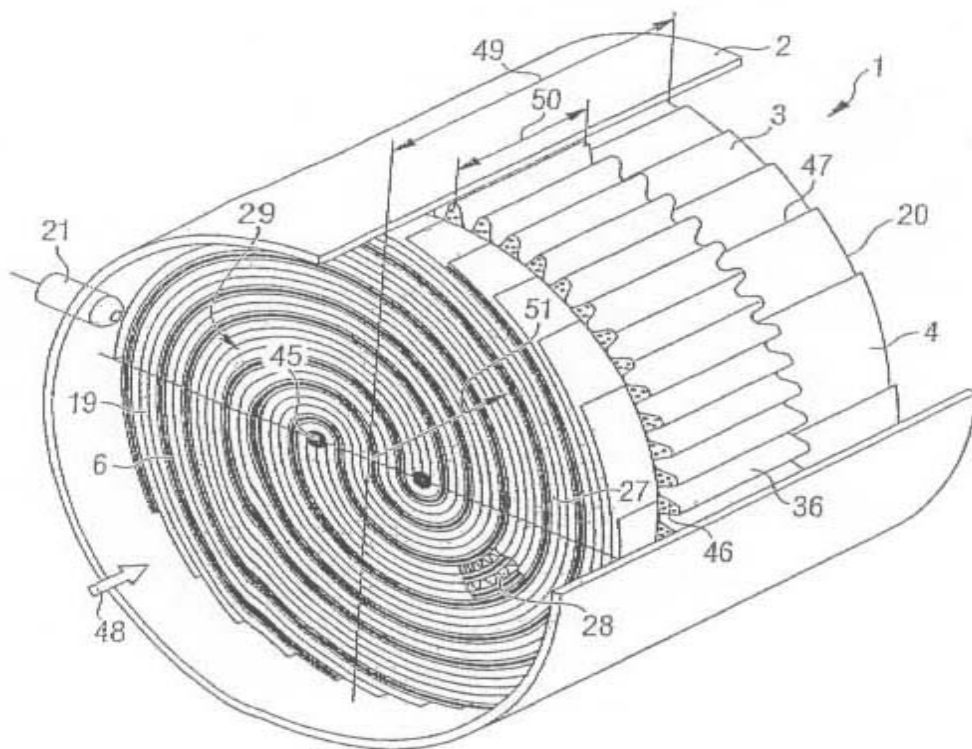
1)BRUCK, ROLF,**2)HIRTH, PETER****3)HARIG, THOMAS**

No of Pages : 32

No of Claims : 18

(57)Abstract:

The invention relates to a particle filter (1) consisting of an envelope (2) and at least one body (3) comprising at least one metallic fibrous layer (4) that is arranged in such a way that a plurality of spatially separated flow paths (5) are formed through the body (3), said flow paths respectively comprising a flow restrictor (6) at at least one point. The inventive particle filter is characterised in that the at least one metallic fibrous layer (4) has a superficial heat capacity of between 400 and 1200 joules per Kelvin and square metre [J/Km²], providing the particle filter with an especially high particle storage capacity and regeneration capacity.



(54) Title of the invention : GENE SCREEN

(51) International classification	:C12Q 1/68
(31) Priority Document No	:0328048.4
(32) Priority Date	:04/12/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/005078
Filing Date	:03/12/2004
(87) International Publication No	:WO 2005/054507
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UNIVERSITY OF SHEFFIELD

Address of Applicant :WESTERN BANK, SHEFFIELD S10 2IN, U.K.

(72)Name of Inventor :

1)COREF, BERNARD**2)CHIRAKKAL, HARI**

No of Pages : 266

No of Claims : 48

(57) Abstract :

We describe a method for the identification of genes which show regulated expression in response to carbon source utilisation, typically genes associated with the initiation and/or promotion of cell transformation from a non-cancerous to a cancerous phenotype, typically of cells found in the colon; the use of these genes in diagnostic assays and as targets for the development of chemotherapeutic drugs and agents identified by said assay.

(54) Title of the invention : TRIAZOLE, OXADIAZOLE AND THIADIAZOLE DERIVATIVE AS PPAR MODULATORS FOR THE TREATMENT OF DIABETES

(51) International classification :A61K 31/4196
 (31) Priority Document No :60/532,320
 (32) Priority Date :22/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/039775
 Filing Date :21/12/2004
 (87) International Publication No :WO 2005/065683
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

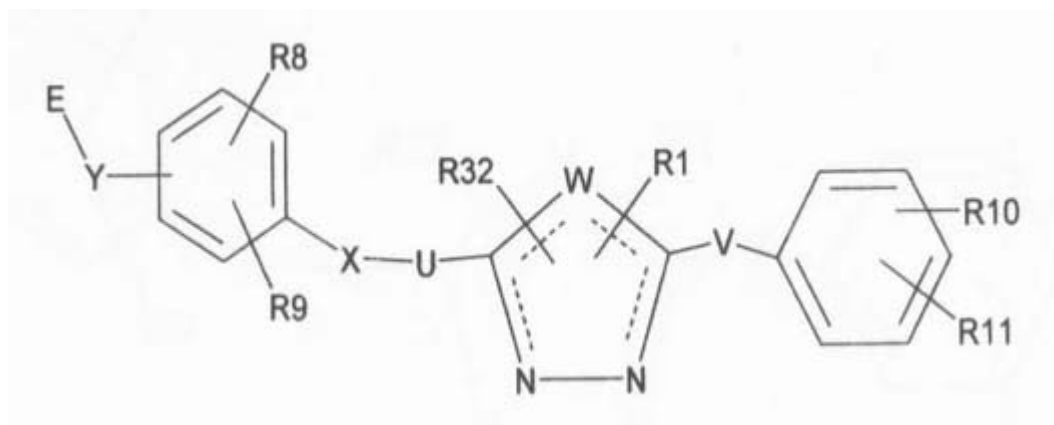
(71)Name of Applicant :
1)ELI LILLY AND COMPANY
 Address of Applicant :LILLY CORPORETE CENTER,
 INDIANAPOLIS, INDIANAPOLIS, INDIANA 46285 U.S.A.
 (72)Name of Inventor :
1)NATHAN, BRYAN MANTLO
2)ANTONIO NAVARRO
3)ASHRAF SAEED
4)DOUGLAS GERNERT
5)TIANWEI MA
6)LANCE ALLEN PFEIFER

No of Pages : 150

No of Claims : 41

(57) Abstract :

The present invention is directed to compounds represented by the following structural formula, Formula I: wherein: (a) X is selected from the group consisting of a single bond, O, and S; (b) U is an aliphatic linker; (c) Y is selected from the group consisting of O, C, and S; (d) W is N; (e) E is C(R3XR4)A; (0 R3 and R4 are each methyl; (g) A is carboxyl.



(54) Title of the invention : METHOD FOR MANUFACTURING A MULTI-LEVEL INTERCONNECT STRUCTURE

(51) International classification :H01L 21/768
 (31) Priority Document No :10/443,709
 (32) Priority Date :22/05/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/GB2004/001933
 Filing Date :04/05/2004
 (87) International Publication No :WO 04105121
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

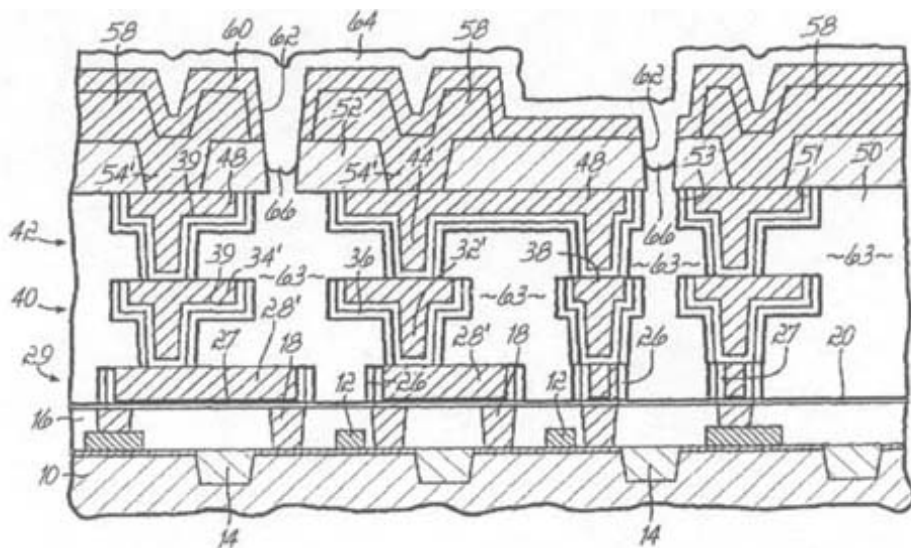
(71)Name of Applicant :
1)INTERNATIONAL BUSINESS MACHINES CORPORATION
 Address of Applicant :NEW ORCHARD ROAD, ARMONK, NY
 10504 U.S.A.
 (72)Name of Inventor :
1)HORAK David Vaclav
2)KOBURGER Charles William
3)MITCHELL Peter
4)NESBIT Larry Alan

No of Pages : 24

No of Claims : 27

(57)Abstract:

A method for forming interlevel dielectric layers in multilevel interconnect structures using air as the constituent low-k dielectric material that is compatible with damascene processes without introducing additional process steps. The conductive features characteristic of the damascene process are formed by standard lithographic and etch processes in the mandrel material for each level of the interconnect structure. The conductive features in each level are surrounded by the mandrel material. After all levels of the interconnect structure are formed, a passageway is provided to the mandrel material. An isotropic etchant is introduced through the passageway that selectively etches and removes the mandrel material. The spaces formerly occupied by the mandrel material in the levels of the interconnect structure are filled by air, which operates as a low-k dielectric material.



(54) Title of the invention : HYBRID POWERTRAIN SYSTEM

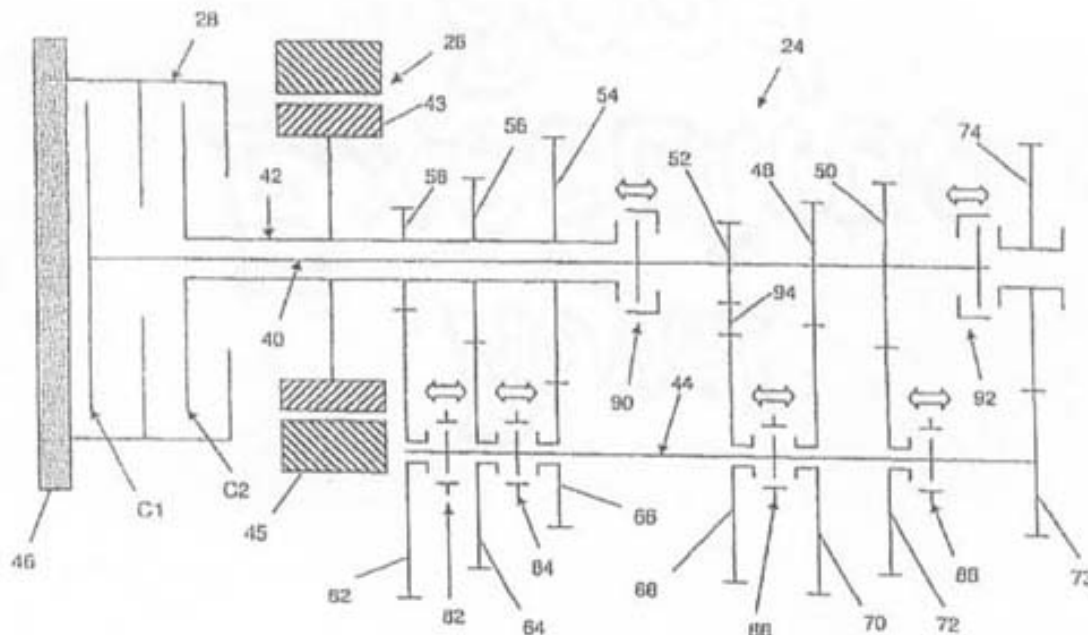
(51) International classification	:B60K6/04; F16H3/00	(71) Name of Applicant : 1)EATON CORPORATION
(31) Priority Document No	:10/747,993	Address of Applicant :Eator Center 1111 Superior Avenue Cleveland,
(32) Priority Date	:30/12/2003	Ohio 44114 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/IB04/004271	1)HUGHIES, Douglas, Anthony
Filing Date	:28/12/2004	
(87) International Publication No	:WO/2005/065976	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 20

(57) Abstract :

A powertrain system(20) is provided that includes a first prime mover(22) and change-gear transmission(24) having a first input shaft(40) and a second input shaft(42). A twin clutch(28) is disposed between the first prime mover(22) and the transmission(24). The twin clutch(28) includes a first main clutch(C1) positioned between the first prime mover(22) and the first input shaft(40) and a second main clutch(C2) positioned between the first prime mover(22) and the second input shaft(42). The powertrain system(20) also includes a second prime mover(26) operably connected to one of the first(40) and second(42) input shafts.



(54) Title of the invention : HYBRID POWERTRAIN SYSTEM INCLUDING SMOOTH SHIFTING AUTOMATED TRANSMISSION

(51) International classification :B60K 6/02,B60K 6/04
 (31) Priority Document No :10/763,445
 (32) Priority Date :23/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/IB2005/000147
 Filing Date :21/01/2005
 (87) International Publication No :WO 2005/080111
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)EATON CORPORATION

Address of Applicant :EATON CENTER, 1111 SUPERIOR AVENUE, CLEVELAND, OHIO 44114 U.S.A.

(72)Name of Inventor :

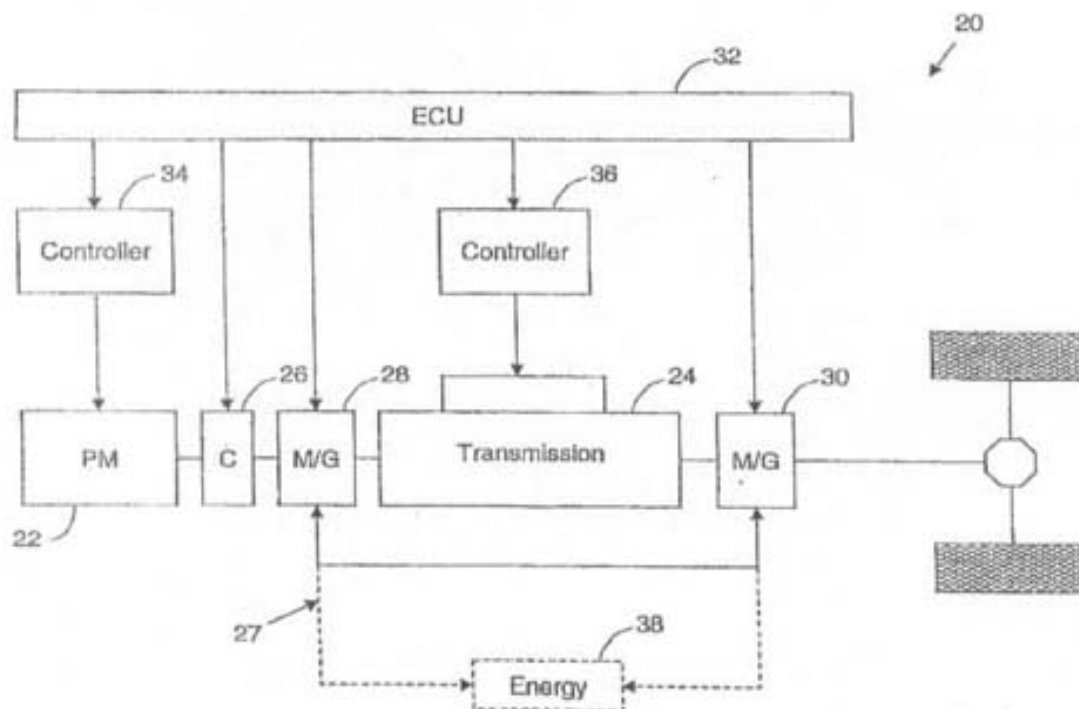
1)BEATY, KEVIN, DOUGLAS**2)NELLUMS, RICHARD, ALEXANDER**

No of Pages : 19

No of Claims : 50

(57) Abstract :

A powertrain system (20) is provided that includes a prime mover (22) and a change-gear transmission (24) having an input (42), at least two gear ratios, and an output (44). The powertrain system (20) also includes a power shunt (27) configured to route power applied to the transmission (24) by one of the input (42) and the output (44) to the other one of the input (42) and the output (44). A transmission system and a method for facilitating shifting of a transmission system are also provided.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1815/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : PARTICLES HAVING A FUNCTIONAL MULTILAYERED STRUCTURE

(51) International classification	:B01J 13/14	(71) Name of Applicant :
(31) Priority Document No	:10 2004 006 145.9	1)MERCK PATENT GMBH
(32) Priority Date	:07/12/2004	Address of Applicant :FRANKFURTER STRASSE 250, 64293
(33) Name of priority country	:Germany	DARMSTADT Germany
(86) International Application No	:PCT/EP05/000370	(72) Name of Inventor :
Filing Date	:15/01/2005	1)HENNEMANN, Alfred
(87) International Publication No	:WO/2005/075578	2)ENTENMANN, Marc
(61) Patent of Addition to Application Number	:NA	3)MULLER, Margarete
Filing Date	:NA	4)BONN-WALTER Renate
(62) Divisional to Application Number	:NA	5)HUBER, Adalbert
Filing Date	:NA	6)SCHIBEFEKD, Ulrich

No of Pages : 25

No of Claims : 17

(57) Abstract:

The invention relates to particles having a functional multilayer structure based on substrates, and is characterised in that the substrates are coated with at least one layer consisting of at least one polymer, and at least one layer consisting of at least one silane. The invention also relates to methods for the production of said particles and to the use of the same.

(54) Title of the invention : METHOD FOR IDENTIFYING PEOPLE

(51) International classification	:G10L 17/00
(31) Priority Document No	:10381350.3
(32) Priority Date	:31/12/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/014799
Filing Date	:29/12/2004
(87) International Publication No	:WO 2005/066935
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MARKUS KRESS

Address of Applicant :WALDHORNSTRASSE 52, D-68199

MANNHEIM Germany

(72)Name of Inventor :

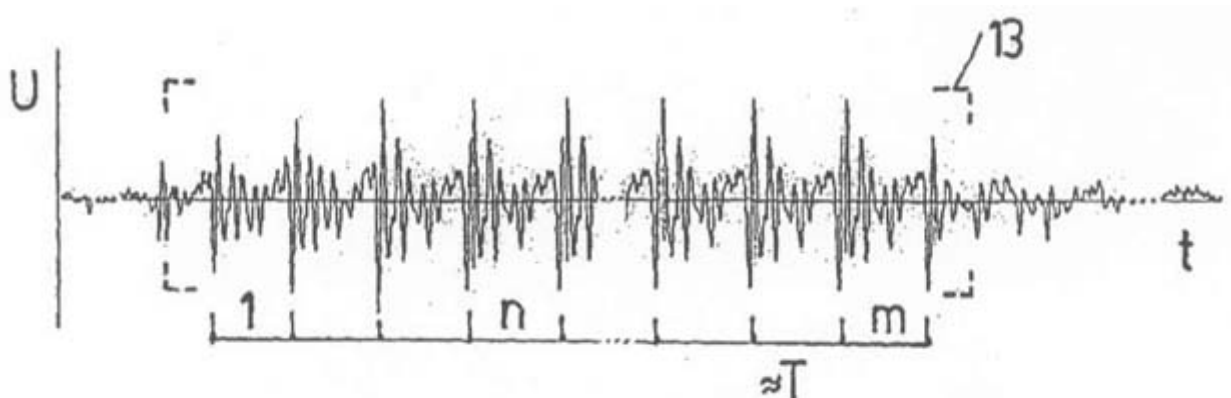
1)MARKUS KRESS

No of Pages : 11

No of Claims : 11

(57) Abstract:

The invention relates to a method for identifying people, whereby a person is identified by comparing an electric signal derived from a sound produced by the person with a stored signal of the above kind. The invention is characterized in that the signals to be compared are derived from the sub phonemic range of sound production. The signal especially refers to a quasi period of a vowel or a semivowel.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1817/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : EFFERVESCENT ORAL OPIATE DOSAGE FORM

(51) International classification	:A61K 31/445,A61K9/00	(71) Name of Applicant : 1)CIMA LABS INC. Address of Applicant :10000 VALLEY VIEW ROAD EDEN PRAIRIE MN 55344-9361 U.S.A.
(31) Priority Document No	:60/533,619	(72) Name of Inventor :
(32) Priority Date	:31/12/2003	1)MOE, Derek
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2004/043702	
Filing Date	:30/12/2004	
(87) International Publication No	:WO/2005/065318	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 51

No of Claims : 23

(57) Abstract:

Opiate containing dosage forms and methods using same are described. These dosage forms include substantially less opiates by weight than known oral formulations. These dosage forms are intended for oral administration across the oral mucosa.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1818/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : GENERALLY LINEAR EFFERVESCENT ORAL FENTANYL DOSAGE FORM AND METHODS OF ADMINISTERING

(51) International classification	:A61K 31/445,A61K9/00
(31) Priority Document No	:60/533,619
(32) Priority Date	:31/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043703
Filing Date	:30/12/2004
(87) International Publication No	:WO 2005/065319
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CIMA LABS INC.

Address of Applicant :10000 VALLEY VIEW ROAD, EDEN
PRAIRIE, MN 55344-9361 U.S.A.

(72)Name of Inventor :

1)MOE, DEREK

2)AGARWAL, VIKAS

3)HABIB, WALID

4)AGARWAL, VIKAS

No of Pages : 66

No of Claims : 52

(57) Abstract:

Fentanyl containing dosage forms and methods using same are described. These dosage forms include substantially less fentanyl by weight than known oral formulation and have advantages in terms of cost and side effects. These dosage forms are intended for oral administration of fentanyl across the oral mucosa.

(54) Title of the invention : A STEEL STRIP COATED WITH ZIRCONIA

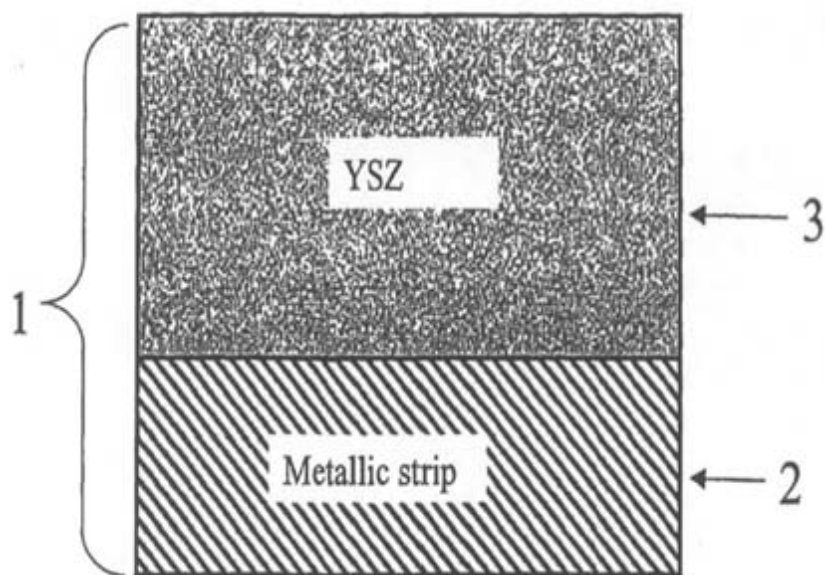
(51) International classification	:C23C 14/08	(71)Name of Applicant :
(31) Priority Document No	:0303281-0	1)SANDVIK INTELLECTUAL PROPERTY AB
(32) Priority Date	:05/12/2003	Address of Applicant :S-811 81 SANDVIK, Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2004/001810	1)SCHUISKY, MIKAEL
Filing Date	:03/12/2004	
(87) International Publication No	:WO 2005/054538	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 15

(57)Abstract:

A flexible metallic strip product comprises a ferritic chromium strip steel material (2) having a coating (3; 6; 8) of an electrically insulating layer of zirconia stabilized with yttrium, said coating being intended to receive a second coating (7) comprising an electrically conducting layer. This coating has turned out to be very efficient as an electrically insulating layer in flexible solar cells and solid state thin film batteries because it has practically the same thermal expansion coefficient as the steel substrate.



(54) Title of the invention : METHOD FOR TREATING ADAMTS-5-ASSOCIATES DISEASE

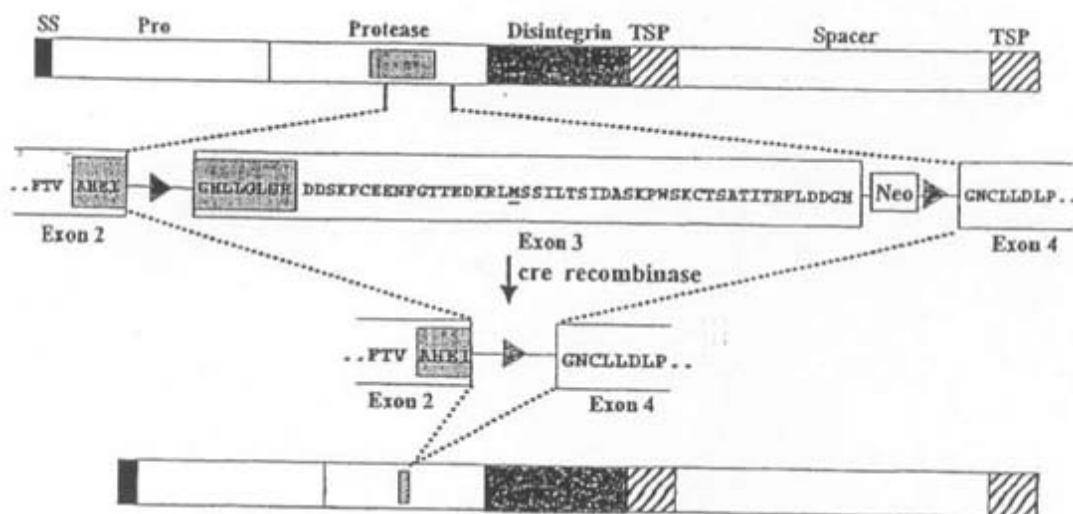
(51) International classification	:C07C 311/29	(71)Name of Applicant :
(31) Priority Document No	:60/526,883	1)WYETH
(32) Priority Date	:04/12/2003	Address of Applicant :FIVE GIRALDA FARMS, MADISON, NJ
(33) Name of priority country	:U.S.A.	07940 U.S.A.
(86) International Application No	:PCT/US2004/037169	(72)Name of Inventor :
Filing Date	:08/11/2004	1)MORRIS ELISABETH A
(87) International Publication No	:WO 2005/060456	2)GLASSON SONYA S
(61) Patent of Addition to Application Number	:NA	3)XIANG JASON SHAOYUN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 157

No of Claims : 40

(57)Abstract:

The present invention relates to methods of treating ADAMTS-S-associated diseases and particularly osteoarthritis comprising administering an agent capable of modulating ADAMTS-5 activity to a subject afflicted with the disease. The agent is preferably a biaryl sulfonamide compound. The invention is based, in part, on the discovery that transgenic animals that do not express functional ADAMTS-5 show a reduction in the degree of osteoarthritis after the induction of osteoarthritis as compared to WT animals. Furthermore, the ADAMTS-5 transgenic animals have reduced aggrecanase activity in articular tissue as compared to WT animals. These animals are good models for ADAMTS-S associated diseases, and for screening of drugs useful in the treatment and/or prevention of these diseases. There are no other animal models in which the deletion of the activity of a single gene is capable of abrogating the course of osteoarthritis. Accordingly, these animals also show that osteoarthritis can be prevented and/or treated by administering to a subject an ADAMTS-5 inhibitory agent and particularly an agent capable of inhibiting the aggrecanase activity of ADAMTS-5. Figure 1 illustrates the targeted disruption of the murine ADAMTS-5 gene.



(54) Title of the invention : FIBER BASED FIELD EMITTER DISPLAY

(51) International classification	:G02B 27/10
(31) Priority Document No	:10/754,365
(32) Priority Date	:08/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/041558
Filing Date	:10/12/2004
(87) International Publication No	:WO 2005/069781
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TANG, YIN S.Address of Applicant :201, ROCKVIEW, IRVINE, CALIFORNIA
92612 U.S.A.

(72)Name of Inventor :

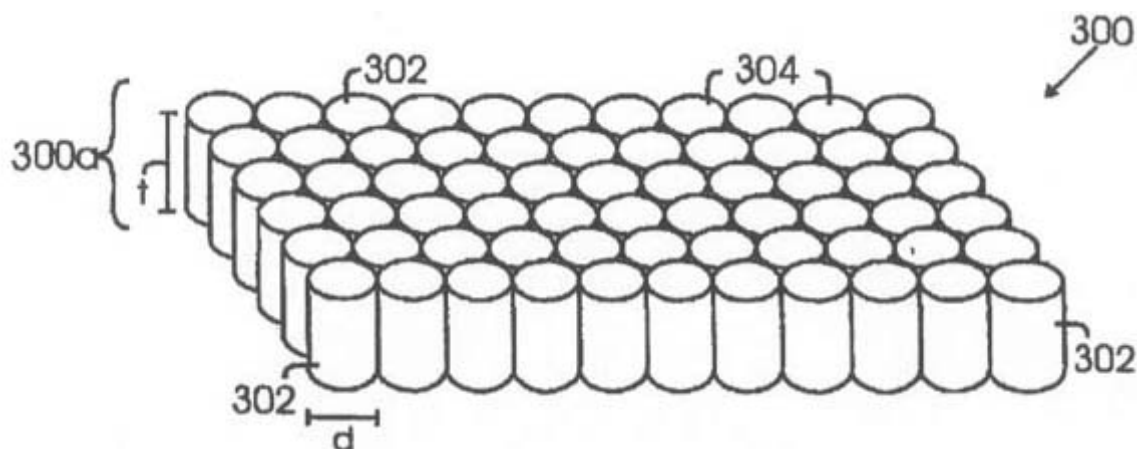
1)TANG, YIN S.

No of Pages : 22

No of Claims : 22

(57) Abstract:

A method of forming a field emission device and the resulting device including emitters formed of fiber segments. Tips are formed on the fiber segments that have radiuses substantially small by exposing the tips to a reactive liquid for a duration of time. The tips are coated with a low work function conducting material to form emitters.



(54) Title of the invention : MICRO-FIELD EMITTER DEVICE FOR FLAT PANEL DISPLAY

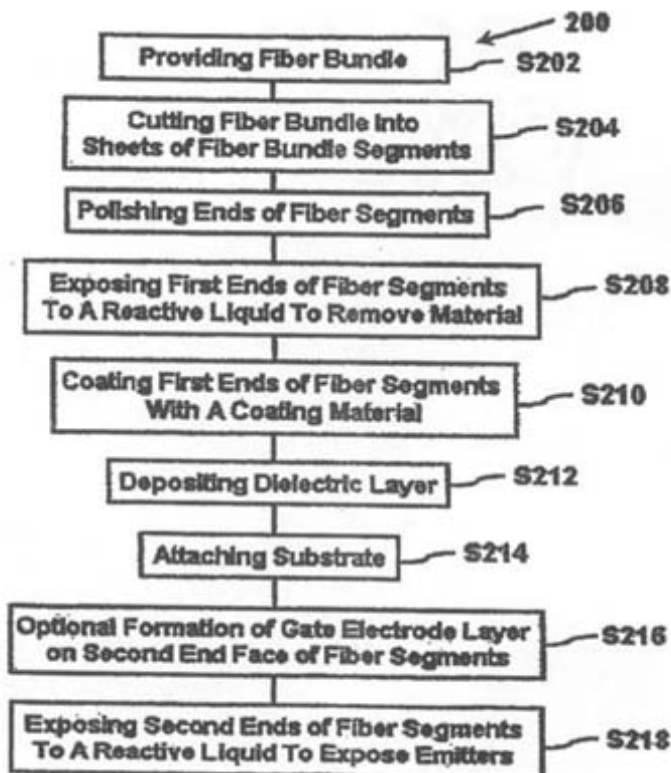
(51) International classification	:H01J 9/12	(71)Name of Applicant :
(31) Priority Document No	:10/754,365	1)TANG, YIN S.
(32) Priority Date	:08/01/2004	Address of Applicant :201, ROCKVIEW, IRVINE, CALIFORNIA
(33) Name of priority country	:U.S.A.	92612 U.S.A.
(86) International Application No	:PCT/US2004/041505	(72)Name of Inventor :
Filing Date	:10/12/2004	1)TANG, YIN S.
(87) International Publication No	:WO/2005/069780	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 24

(57)Abstract:

A device and method for forming a device including electron emitters. The method includes exposing a first face of a sheet or bundled fiber segments to a reactive liquid to allow first ends of the fiber segments to react with the reactive liquid to remove material therefrom. A coating material is deposited on the first face which has the material removed. The method also includes exposing a second face of the sheet of bundled fiber segments to a reactive liquid to allow second ends of the fiber segments to react with the reactive liquid to remove material therefrom to expose the coating material.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1823/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :29/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : TRANSPARENT CANDLE AND METHOD OF MAKING

(51) International classification	:F23D 3/16	(71) Name of Applicant :
(31) Priority Document No	:60/538,363	1)FIRMENICH SA
(32) Priority Date	:21/01/2004	Address of Applicant :1, ROUTE DES JEUNES, P.O.BOX 239 1211
(33) Name of priority country	:U.S.A.	GENEVA 8, Switzerland
(86) International Application No	:PCT/US2005/001960	2)CLEARWAX LIC
Filing Date	:21/01/2005	(72) Name of Inventor :
(87) International Publication No	:WO/2005/079219	1)ALLISON GERALD
(61) Patent of Addition to Application Number	:NA	2)FERNANDEZ ERGINIO
Filing Date	:NA	3)DEAN JONATHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 16

(57) Abstract :

Provided is a transparent candle comprised substantially of tetraesters of di (trirncthylopropane)

(54) Title of the invention : EXACT VOLUME IMAGING INVOLVING MULTIPLE PARTIAL SCANS

(51) International classification

:A61B6/03;
A61B6/00

(31) Priority Document No

:60/557,475

(32) Priority Date

:30/03/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US05/010865

Filing Date

:30/03/2005

(87) International Publication No

:WO/2005/096947

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SIEMENS MEDICAL SOLUTIONS USE, INC.Address of Applicant :51 VALLEY STREAM PARKWAY
MALVERN PENNSYLVANIA 19355-1406 U.S.A.**2)JOHN HOPKINS UNIVERSITY**

(72)Name of Inventor :

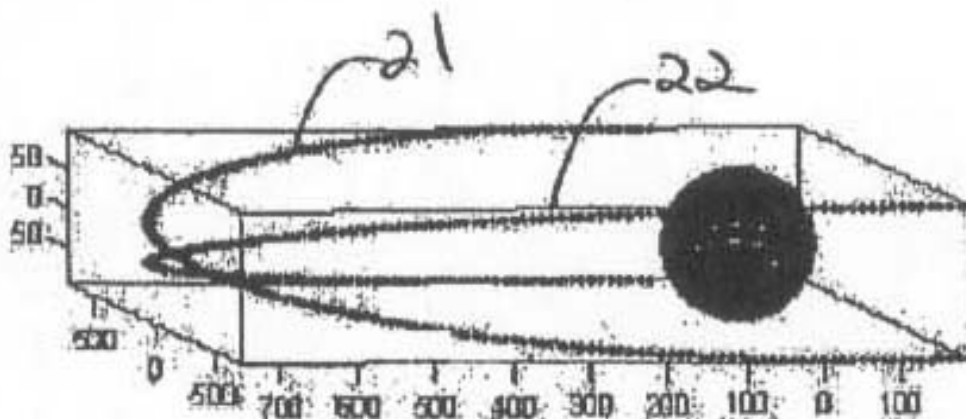
1)STROBEL, Norbert, Karl**2)RAMAMURTHI, Krishnakumar**

No of Pages : 6

No of Claims : 1

(57)Abstract:

A method for performing an exact volume imaging with a C-arm digital x-ray imaging system by moving the source through two partial circular scans which form a complete source trajectory. The partial circular scans form a complete source trajectory when the plane defined by the C-arm is repositioned for the second scan at an angle equal to the cone angle with respect to the long axis of the patient.



(54) Title of the invention : MODULATING AND CODING APPARATUS AND METHOD IN A HIGH-RATE WIRELESS DATA COMMUNICATION SYSTEM

(51) International classification	:H04L1/00; H04L27/26	(71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO.,LTD.
(31) Priority Document No	:10-2004-004243	Address of Applicant :416, MAETAN-DONG, YEONGTONG-GU,
(32) Priority Date	:20/01/2004	SUWON-SI, GYEONGGI-DO Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:PCT/KR05/000183	1)Min-Goo KIM
Filing Date	:20/01/2005	2)Sang-Hyuck HA
(87) International Publication No	:WO/2005/069571	3)Young-Mo GU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

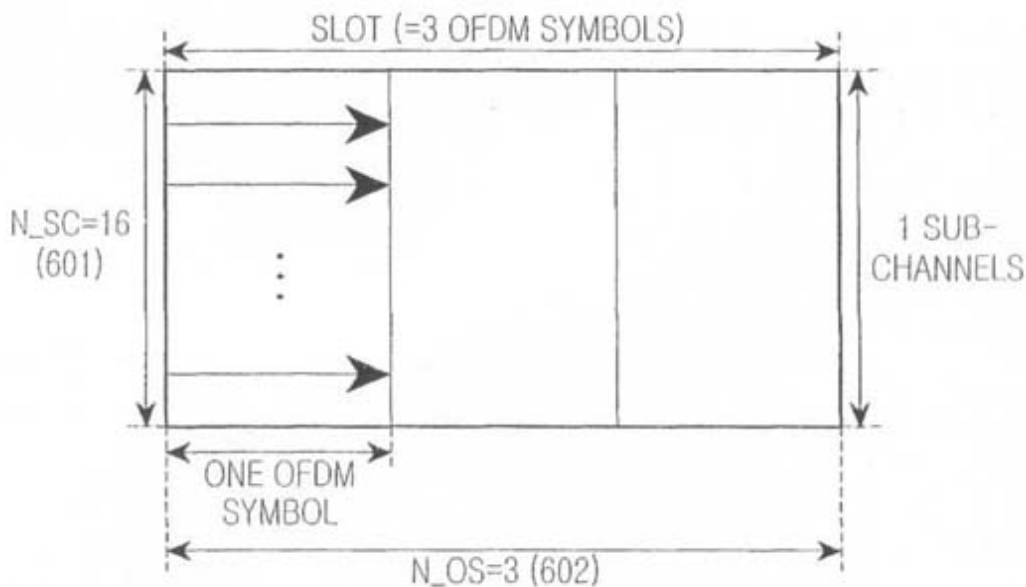
No of Pages : 28

No of Claims : 21

(57)

Abstract:

An apparatus and method for determining a modulation order of packet data to be transmitted through a subcarrier in a transmission apparatus. In the apparatus and method, transmitter physical channels encode and modulate data to transmit the user data with OFDM symbols. A controller outputs packet data to the transmitter physical channels, and determines the number of transmission slots, the number of OFDM symbols, the number of subchannels, and a size of an encoder packet. A modulation order and code rate decoder receives, from the controller, the number of transmission slots, the number of OFDM symbols, the number of subchannels, and a size of an encoder packet, calculates a Modulation order Product code Rate (MPR), determines a modulation order according to the MPR, and outputs the determined modulation order to a corresponding physical channel.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1826/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : A SOFT CAPSULE OF BUTYLPHthalIDE AND PROCESS FOR PREPARING THE SAME

(51) International classification	:A61K 31/34,A61K 9/48	(71)Name of Applicant : 1)SHIJIAZHUANG PHARMA GROUP ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD Address of Applicant :NO. 276 ZHONGSHAN WEST ROAD, SHIJIAZHUANG, HEBEI PROVINCE 050051, P.R. CHINA China 2)SHIJIAZHUANG PHARMA. GROUP NBP PHARMACEUTICAL CO., LTD
(31) Priority Document No	:20031011933.61	(72)Name of Inventor : 1)LI, JIANQING
(32) Priority Date	:05/12/2003	2)BAI, MIN
(33) Name of priority country	:China	3)GUO, Wenmin
(86) International Application No	:PCT/CN2004/001411	4)CHEN, Surui
Filing Date	:03/12/2004	5)LIU, Liyun
(87) International Publication No	:WO 2005 053658	6)ZHOU, Guirong
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 11

(57)Abstract:

The present invention discloses a novel soft capsule of butylphthalide and a process for preparing the same. The soft capsule of butylphthalide is composed of a capsule wall material and a drug-containing oil, wherein the drug-containing oil is essentially composed of butylphthalide and a vegetable oil as the diluent in a weight ratio of about 1:0~10. The capsule wall material is composed of a capsule wall matrix, a plasticizer and water in a weight ratio of 1:0.2-0.4:0.8-1.3. The soft capsule of butylphthalide described in the present invention can mask the strong and special flavour of butylphthalide, and overcome the difficulties associated with formulating oily active ingredient into other oral formulation. The disintegration time of the soft capsule satisfies the requirement of Pharmacopoeia of P.R. China.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1827/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : ANTISENSE COMPOUNDS TARGETED TO CONNEXINS AND METHODS OF USE THEREOF

(51) International classification	:C12N15/11; A61K31/7088; A61P25/00; A61P2	(71) Name of Applicant : 1)CODA THERAPEUTICS (NZ) LTD. Address of Applicant :3/4 CRESCENT ROAD, EPSOM, AUCKLAND New Zealand
(31) Priority Document No	:529936	(72) Name of Inventor :
(32) Priority Date	:03/12/2003	1)LAUX, WILDA
(33) Name of priority country	:New Zealand	2)GREEN, COLIN, R.
(86) International Application No	:PCT/IB2004/004431	
Filing Date	:03/12/2004	
(87) International Publication No	:WO/2005/053600	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 131

No of Claims : 68

(57) Abstract:

Methods and compositions for modulating the activities of connexins are provided, including, for example, for use in post-surgical, trauma, or tissue engineering applications. These compounds and methods can be used therapeutically, for example, to reduce the severity of adverse effects associated diseases and disorders where localized disruption in direct cell-cell communication is desirable.

(54) Title of the invention : RETAINING SCREW WITH A MULTIPLE-RECESSED HEAD FOR FLAT AND CROSS-SHAPED OPERATING TOOLS

(51) International classification :F16B 23/00
 (31) Priority Document No :0401345
 (32) Priority Date :11/02/2004
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2005/000165
 Filing Date :26/01/2005
 (87) International Publication No :WO 2005/088141
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)LEGRAND FRANCE

Address of Applicant :128, AVENUE DU MARECHAL DE LATRE
 DE TASSIGNY, F-87000 France

2)LEGRAND SNC

(72)Name of Inventor :

1)FAVALESSA THIERRY

2)GOURCEROL JEAN-JACQUES

3)LESCURE BERNARD

4)LEQUEUX CHRISTOPHE

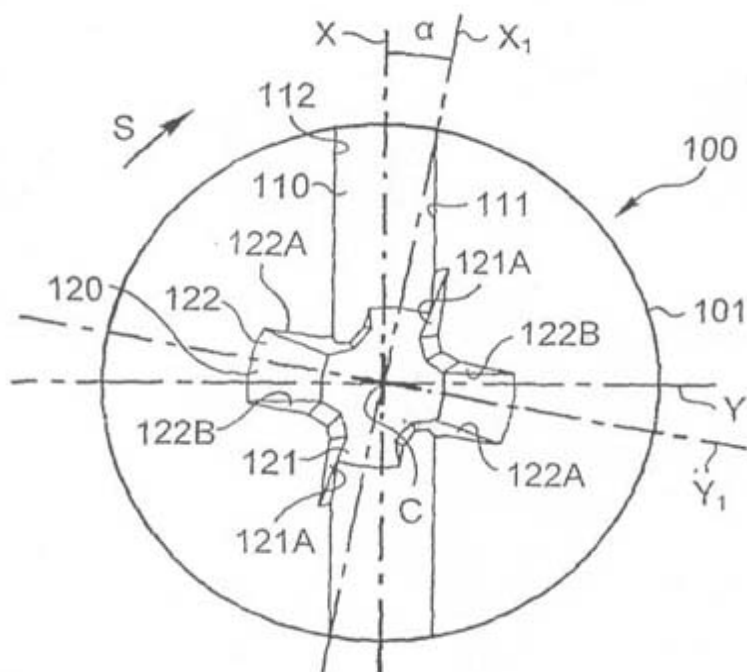
5)NOUHAUD CLAUDE

No of Pages : 15

No of Claims : 8

(57) Abstract :

: A retaining screw (100) with a multiple-recessed head (101) comprising a first recess (110) and a second recess (120) there above, wherein said first recess is straight, extends along axis X and is engageable by the flat end of an operating tool, and said second recess is a cross-shaped recess engageable by the cross-shaped end of an operating tool and comprising two flanges (121, 122) extending along mutually perpendicular axes X1 and Y1, respectively, where one of the two flanges extending along axis X1 is located mainly at the bottom of said first, straight recess. Axis X1 of said flange of the second, cross-shaped recess is shifted through an angle (a) of 5-15°, preferably 8°, relative to the axis X of the first, straight recess.



(54) Title of the invention : DRUG FOR INHIBITING VASCULAR INTIMAL HYPERPLASIA

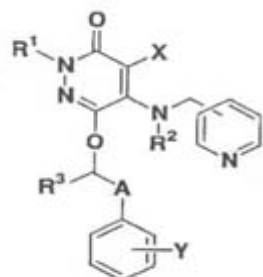
(51) International classification	:A61K 31/501	(71)Name of Applicant :
(31) Priority Document No	:2004-032551	1)NISSAN CHEMICAL INDUSTRIES, LTD.
(32) Priority Date	:09/02/2004	Address of Applicant :7-1, KANDA-NISHIKI-CHO, 3-CHOME,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO 1010054 Japan
(86) International Application No	:PCT/JP2005/001518	2)TAISHO PHARMACEUTICAL CO., LTD.
Filing Date	:02/02/2005	(72)Name of Inventor :
(87) International Publication No	:WO 2005/074938	1)NISHIMAYA, HIROSHI
(61) Patent of Addition to Application Number	:NA	2)SHUDO, NORIMASA
Filing Date	:NA	3)TSURUZOE, NOBUTOMO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

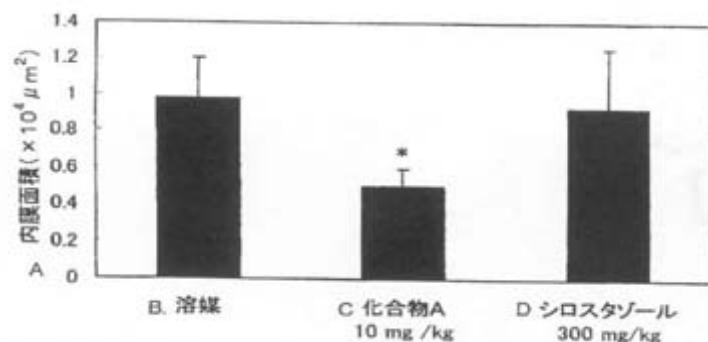
No of Claims : 5

(57) Abstract :

A drug for inhibiting vascular intimal hyperplasia which is effective in the prevention of restenosis after percutaneous transluminal coronary angioplasty (PTCA) and stent placement in a blood vessel or effective ' in treatments for the progress thereof. The drug for inhibiting vascular intimal hyperplasia contains either a 3(2H)-pyridazinone compound represented by the formula (I): (wherein R¹, R², and R³ each independently represents hydrogen or C1-6 alkyl; X represents halogeno, cyano, or hydrogen; Y represents halogeno, trifluoromethyl, or hydrogen; and A represents optionally hydroxylated C1-8 alkylene) or a pharmacologically acceptable salt thereof.



(I)



A..... INTIMAL AREA
 B.... SOLVENT
 C... COMPOUND A
 D... CILOSTAZOL

(54) Title of the invention : FUNGICIDAL MIXTURES

(51) International classification :A01N 43/90
 (31) Priority Document No :102004004215.2
 (32) Priority Date :27/01/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/000379
 Filing Date :15/01/2005
 (87) International Publication No :WO/2005/070208
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

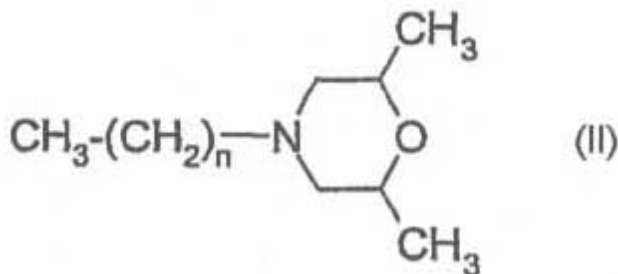
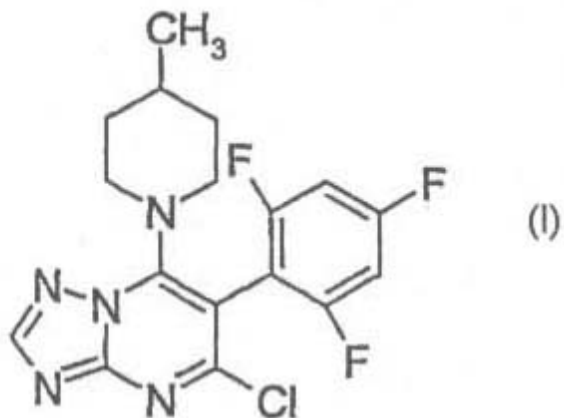
(71)Name of Applicant :
1)BASF AKTIENGESELLSCHAFT
 Address of Applicant :67056 LUDWIGSHAFEN Germany
 (72)Name of Inventor :
1)TORMO I BLASCO JORDI
2)GROTE THOMAS
3)SCHERER MARIA
4)STIERL REINHARD
5)STRA THMANN SIEGFRIED
6)SCHOFEL ULRICH

No of Pages : 14

No of Claims : 10

(57) Abstract :

The invention relates to fungicidal mixtures for the control of fungal pests harmful to plants, comprising the active components 1) the triazolopyrimidine derivative of formula (I), and 2) tridemorph of formula (II), in which n = 10, 11, 12 (60-70%) or 14, in a synergistically-effective amount, method for the control of fungal pests using mixtures of compound (I) with the compounds (II), the use of compound (I) with the compounds (II) for the production of such mixtures and means comprising said mixtures.



(54) Title of the invention : NOZZLE ARRANGEMENT AND METHOD FOR PROCESSING A MATERIAL FOR PROCESSING WITH A PROCESSING MEDIUM

(51) International classification :H05K 3/00,H05K 1/00
 (31) Priority Document No :10 2004 002 421.9
 (32) Priority Date :16/01/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/000269
 Filing Date :13/01/2005
 (87) International Publication No :WO/2005/069704
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ATOTECH DEUTSCHLAND GMBH

Address of Applicant :ERASMUSSTRASSE 20, 10553 BERLIN
 Germany

(72)Name of Inventor :

1)KUNZE, HENRY

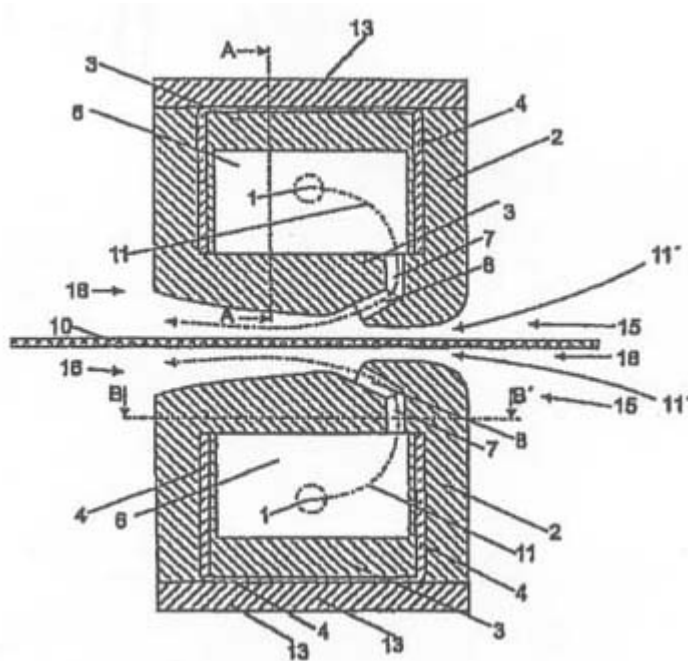
2)WIENER, FERDINAND

No of Pages : 43

No of Claims : 36

(57)Abstract:

A nozzle arrangement is disclosed, for particular application as flushing nozzles in galvanising units with horizontal flow of a material (10) for processing, in the form of circuit boards. The material (10) for processing may thus be transported in a transport direction (18) from an entry region (15) to an exit region (16) of the nozzle arrangement. The nozzle arrangement comprises at least one nozzle opening (8), embodied such that a flow of a material (10) for processing runs at an inclined given angle to a transport plane of the material (10) for processing, such that the flow of the processing medium is diverted in the transport direction (18) of the material (10) for processing.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1832/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : EXTRUSION COATING POLYETHYLENE

(51) International classification	:C08L 23/04
(31) Priority Document No	:04000533.2
(32) Priority Date	:13/01/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/000096
Filing Date	:07/01/2005
(87) International Publication No	:WO/2005/068548
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BOREALIS TECHNOLOGY OY
Address of Applicant :P.O.BOX 330, FI-06101 PORVOO, Finland

(72)**Name of Inventor :**
1)LAHO, ERKKI
2)VAHALA, MARTTI
3)SAINIO, MARKKU

No of Pages : 30

No of Claims : 37

(57) Abstract:

A polymer composition for extrusion coating with good process properties comprising a multimodal high density polyethylene (A) and a low density polyethylene.

(54) Title of the invention : FUNGICIDE MIXTURES

(51) International classification	:A01N 43/90
(31) Priority Document No	:102004003054.5
(32) Priority Date	:20/01/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/000260
Filing Date	:13/01/2005
(87) International Publication No	:WO/2005/067715
(61) 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 AKTIENGESELLSCHAFT
 Address of Applicant :67056 LUDWIGSHAFEN Germany

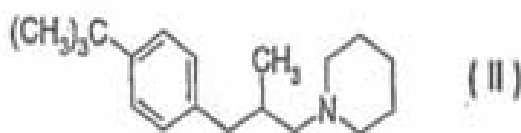
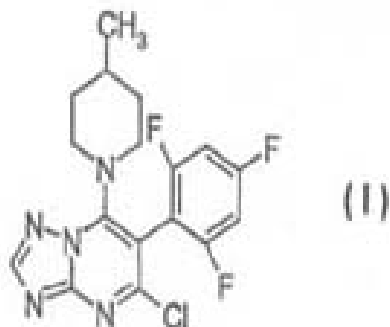
(72) **Name of Inventor :**
1) TORMO I BLASCO JORDI
2) GROTE THOMAS
3) SCHERER MARIA
4) STIERL REINHARD
5) STRA THMANN SIEGFRIED
6) SCHOFEL ULRICH

No of Pages : 14

No of Claims : 10

(57) Abstract:

The invention relates to fungicide mixtures containing 1) a triazolopyrimidine derivative of formula (I), and 2) fenpropidin of formula (II), as active ingredients, in a synergistically active quantity. The invention also relates to methods for controlling pathogenic fungi with mixtures of compound I and compound II, to the use of compound I and compound II for producing such mixtures, and to products containing the inventive mixtures.



(54) Title of the invention : 6-(2-CHLORO-5-HALOPHENYL)TRIAZOLOPYRIMIDINES, THEIR PREPARATION AND THEIR USE FOR CONTROLLING HARMFUL FUNGI, AND COMPOSITIONS COMPRISING THESE COMPOUNDS

(51) International classification :A01N 43/90
 (31) Priority Document No :102004003732.9
 (32) Priority Date :23/01/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/000377
 Filing Date :15/01/2005
 (87) International Publication No :WO 2005/070933
 (61) 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 AKTIENGESELLSCHAFT

Address of Applicant :67056 LUDWIGSHAFEN, GERMANY
 Germany

(72)Name of Inventor :

1)TORMO I BLASCO JORDI

2)BLETTNER CARSTEN

3)MULLER BERND

4)GEWEHR MARKUS

5)GRAMMENOS WASSILIOS

6)GROTE THOMAS

7)RHENHEIMER JOACHIM

8)SCHAFFER PETER

9)SCHIEWECK FRANK

10)SCHWOGLER ANJA

11)WAGNER OLIVER

12)SCHERER MARIA

13)STRATHMANN SIEDFRIED

14)SCHOFEL ULRICH

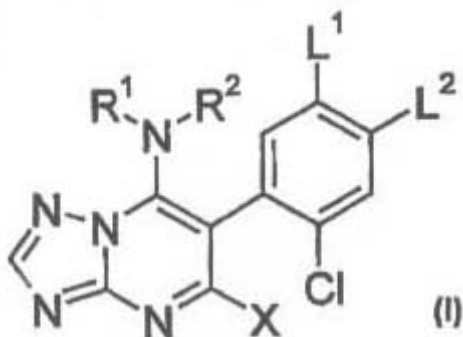
15)STIERL REINHARD

No of Pages : 40

No of Claims : 16

(57)Abstract:

Substituted triazolopyrimidines of the formula I in which the substituents are as defined below: R¹,R² are hydrogen, alkyl, haloalkyl, cycloalkyl, halocycloalkyl, alkenyl, haloalkenyl, cycloalkenyl, halocycloalkenyl, alkynyl, haloalkynyl or phenyl, naphthyl, or a five- or six-membered saturated, partially unsaturated or aromatic heterocycle which contains one to four heteroatoms from the group consisting of O, N and S, R¹ and R² together with the nitrogen atom to which they are attached may also form a five- or six-membered heterocyclyl or heteroaryl which is attached via N and contains one to three further heteroatoms from the group consisting of O, N and S as ring member and is substituted according to the description; L¹ is fluorine, chlorine or bromine; L² is hydrogen, alkyl or alkoxy; and X is halogen, cyano, alkyl, haloalkyl, alkoxy or haloalkoxy; processes and intermediate for preparing these compounds, compositions comprising them and their use for controlling phytopathogenic harmful fungi.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1835/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/06/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD AND APPARATUS FOR THE PRODUCTION OF ENROBED CATALYST PASTILLES OR FLAKES

(51) International classification	:B01J 33/00
(31) Priority Document No	:10/750,354
(32) Priority Date	:31/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/040796
Filing Date	:03/12/2004
(87) International Publication No	:WO/2005/065824
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SUD-CHEMIE, INC.

Address of Applicant :1600, WEST HILL STREET, LOUISVILLE, KY
40210 U.S.A.

(72)Name of Inventor :

1)BRADEN, JEFF

2)HU, XIAODONG D.

3)HU, XIAODONG D.

4)O'BRIEN ROBERT

5)SCHNEIDER, PAUL

6)MCLAUGHLIN, PATRICK

7)STACK, JOSEPH

8)WOLFE, DAVID

No of Pages : 13

No of Claims : 21

(57) Abstract :

The present development relates to a process for enrobing active catalytic materials with a protective coating to form pastilles, and to an apparatus for making the pastilles. The process comprises mixing an active catalyst powder with a hydrocarbon material in a low-shear jacketed blender at a temperature slightly above the congealing point of the hydrocarbon, and then making pastilles from the catalyst / hydrocarbon mixture while cooling the mixture to temperature below the congealing point of the hydrocarbon.

(54) Title of the invention : GRID IMAGE WITH ONE OR SEVERAL GRID FIELDS

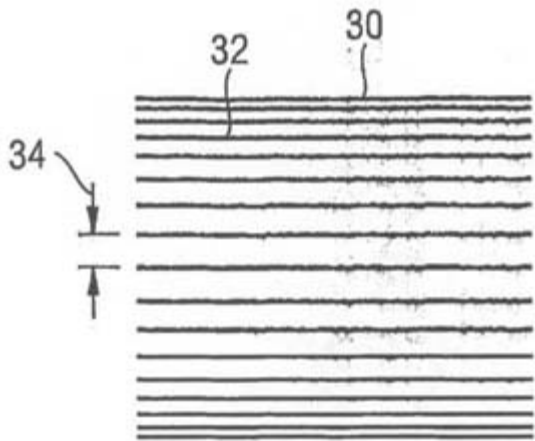
(51) International classification	:B44F 1/12,G02B27/44	(71) Name of Applicant : 1)GIESECKE & DEVRIENT GMBH
(31) Priority Document No	:10 2004 003 984.4	Address of Applicant :PRINZREGENTENSTRASSE 159, 81677
(32) Priority Date	:26/10/2004	MUNCHEN Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2005/000659	1)DICHTL, MARIUS
Filing Date	:24/01/2005	
(87) International Publication No	:WO/2005/071444	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 28

(57)Abstract:

The invention relates to a grid image consisting of one or several grid fields which respectively contain a grid pattern which influences electromagnetic radiation and which consists of a plurality of dashed grid lines. The dashed grid lines are characterized by the following parameters: orientation, curvature, distance and profile. According to the invention, a grid field (30) of said grid image, which can be recognized separately with the naked eye, contains a grid pattern which influences electromagnetic radiation and which is provided with dashed grid lines (32) for which at least one of the parameters (orientation, curvature, distance and profile) can vary (34) over the surface of the grid field.



(54) Title of the invention : FUNGICIDAL MIXTURES

(51) International classification	:A01N 43/90
(31) Priority Document No	:102004003053.7
(32) Priority Date	:20/01/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/000313
Filing Date	:14/01/2005
(87) International Publication No	:WO/2005/067716
(61) 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 AKTIENGESELLSCHAFT
 Address of Applicant :67056 LUDWIGSHAFEN Germany

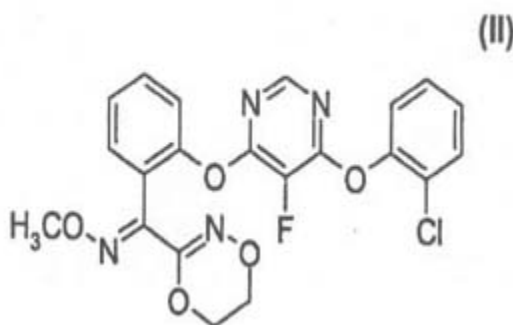
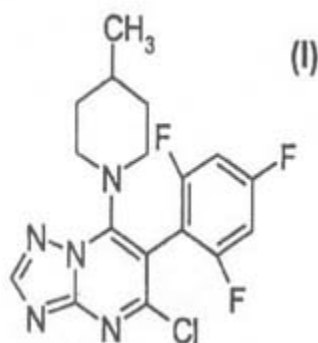
(72)**Name of Inventor :**
1)TORMO I BLASCO, JORDI
2)GROTE, THOMAS
3)SCHERER, MARIA
4)STIERL, REINHARD
5)STRATHMANN, SIEGFRIED
6)SCHOFEL, ULRICH

No of Pages : 15

No of Claims : 9

(57)Abstract:

The invention relates to fungicidal mixtures comprising the following active components: 1) the triazolopyrimidine derivative of formula (I), and 2) a fluoxastrobin of formula (II) in a synergistically active quantity. The invention also relates to a method for combating phytopathogenic fungi using mixtures of compounds (I) and (II), to the use of compounds (I) and (II) for producing mixtures of this type and to agents that contain said mixtures.



(54) Title of the invention : FUNGICIDAL MIXTURES FOR CONTROLLING HARMFUL FUNGI

(51) International classification :A01N 25/02
(31) Priority Document No :102004002368.9
(32) Priority Date :15/01/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/000257
Filing Date :13/01/2005
(87) International Publication No :WO 2005/067714
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

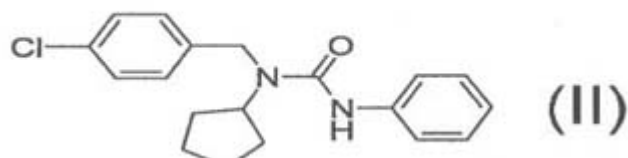
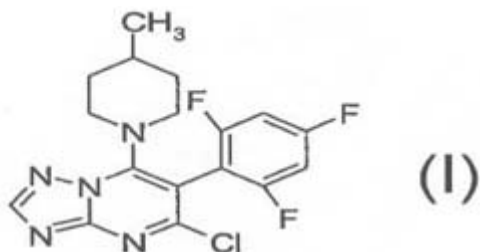
(71)**Name of Applicant :**
1)BASF AKTIENGESELLSCHAFT
Address of Applicant :67056 LUDWIGSHAFEN, GERMANY
(72)**Name of Inventor :**
1)TORMO I BLASCO JORDI
2)GROTE, THOMAS
3)SCHERER, MARIA
4)STIERL, REINHARD
5)STRETHMANN, SIEGFRIED
6)SCHOFEL, ULRICH

No of Pages : 13

No of Claims : 10

(57)Abstract:

The invention relates to fungicidal mixtures which are used to combat harmful fungi, said mixtures comprising the following active components, 1) the triazolopyrimidine derivatives of formula (I), and 2) pencycuron of formula (II), in a synergistically effective amount. The invention also relates to a method which is used to combat rice pathogens with mixtures of compound (I) with compounds (II) and the use of compound (I) with the compounds (II) for the production of said type of mixtures in addition to means comprising said mixtures.



(54) Title of the invention : ENGINE STARTING METHOD

(51) International classification :A01N 43/90
 (31) Priority Document No :60/537,128
 (32) Priority Date :17/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/001722
 Filing Date :18/01/2005
 (87) International Publication No :WO/2005/073541
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)OPTIMUM POWER TECHNOLOGY L.P.

Address of Applicant :3117 WASHINGTON PIKE BRIDGEVILLE PA 15017 U.S.A.

(72)Name of Inventor :

1)WELLS, Dale K**2)CHATFIELD, Glen, F**

No of Pages : 30

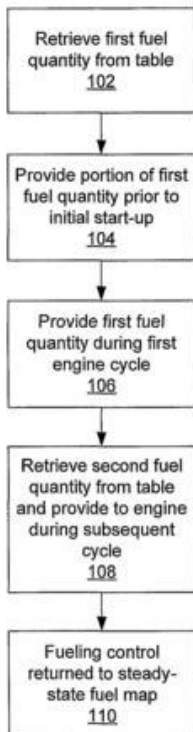
No of Claims : 31

(57)Abstract:

A system, an apparatus, and a method for starting an engine. The system, apparatus, and method include determining a first quantity of fuel based on engine temperature, providing the first quantity of fuel to the engine during a first cycle of the engine, determining a second quantity of fuel based on engine temperature, providing the second quantity of fuel to the engine subsequently, and transitioning to an alternative fueling strategy.

AA
Engine Starting Method

100



AA PROCEDE DE DEMARRAGE DE MOTEUR
 102 EXTRAIRE UNE PREMIERE QUANTITE DE CARBURANT DE LA TABLE
 104 FOURNIR UNE PARTIE DE LA PREMIERE QUANTITE DE CARBURANT AVANT LE DEMARRAGE INITIAL
 106 FOURNIR UNE PREMIERE QUANTITE DE CARBURANT PENDANT LE PREMIER CYCLE DU MOTEUR
 108 EXTRAIRE UNE SECONDE QUANTITE DE CARBURANT DE LA TABLE ET LA FOURNIR AU MOTEUR PENDANT LE CYCLE SUIVANT
 110 COMMANDE D'ALIMENTATION EN CARBURANT RAMENEE A LA CARTE DE CARBURANT EN REGIME ETABLI

(54) Title of the invention : RAPID-IMPREGNATION SIZED GLASS STRANDS FOR THE REINFORCING OF POLYMERS

(51) International classification :B29C 41/24
 (31) Priority Document No :0314802
 (32) Priority Date :17/12/2003
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2004/050638
 Filing Date :02/12/2004
 (87) International Publication No :WO 2005/058771
 (61) 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 VETROTEX FRANCE S.A.
 Address of Applicant :130 AVENUE DES FOLLAZ, F-73000
 CHAMBERY, France
 (72)**Name of Inventor :**
1)LOMBINO, DINO
2)METRA, CLAIRE

No of Pages : 29

No of Claims : 25

(57)Abstract:

The invention relates to glass fibres which are covered with a sizing composition comprising, by way of adhesive film-forming agents, at least one polyester, at least one polyvinyl acetate and at least one polyurethane. The glass fibres thus obtained are used as reinforcement in the production of thermosetting matrix moulded parts obtained by means of open-mould moulding, for example, with the simultaneous projection of said fibres and resin, and tubes by means of centrifugation.

Tableau 1

Exemple	1	2	3	4 (Comp.)	5 (Comp.)	6 (Comp.)	7 (Comp.)	8	9	10	11	12	13	14
Perle au feu (%)	-	1,30	1,03	1,01	1,20	1,21	1,30	1,28	1,26	1,44	1,37	1,24	-	1,20
Bourre (mg)	-	8	6	6	6	11	32	11	11	4	5	5	-	3
Aptitude à la coupe	1	1,90	2,15	1,20	1,15	1,20	2,3	2	3,2	2,40	2	6,5	11	2,5

(54) Title of the invention : METHOD AND SYSTEM FOR SUBSCRIBING TO DIGITAL BROADCASTING SERVICE THROUGH MOBILE COMMUNICATION NETWORK

(51) International classification :H04N 7/14,H04Q 7/20
 (31) Priority Document No :10-2004-0020807
 (32) Priority Date :26/03/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/000884
 Filing Date :25/03/2005
 (87) International Publication No :WO 2005/094076
 (61) 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, Republic of Korea

(72)Name of Inventor :

1)HAN-NA LIM

2)JONG-HYO LEE

3)UN-TAEK LIM

4)SUNG-JIN PARK

5)KI-HO JUNG

6)JU-YEON SONG

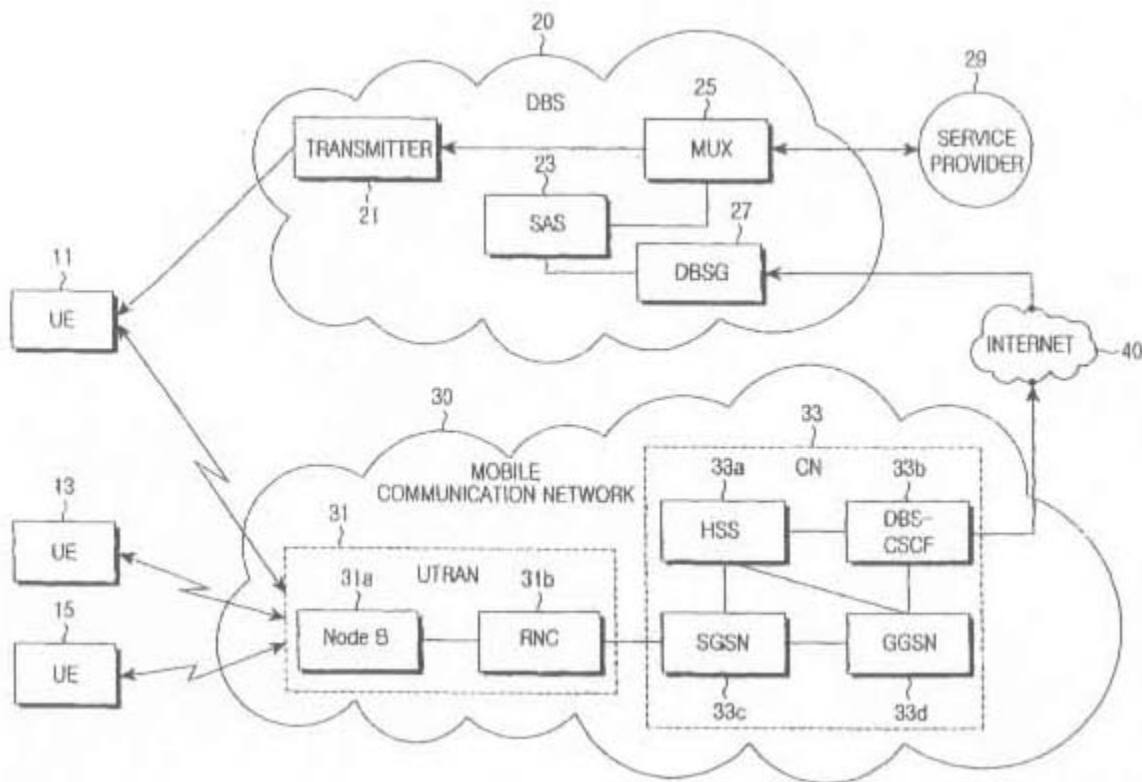
7)JUN-HWAN KIM

No of Pages : 27

No of Claims : 40

(57)Abstract:

A method and apparatus for subscribing to a digital broadcasting service using mobile network subscription information in a system where a 3G (third 5 generation) mobile communication network interacts with a DBS (digital broadcasting system) are provided. When a user requests subscription to the digital broadcasting service through a digital broadcasting-enabled mobile equipment, a DBS-CSCF (call session control function) in the 3G network transmits to an SAS (subscription agent server) of the DBS a service 10 subscription request including the mobile subscription information or additional user personal information. The SAS processes the subscription and transmits information required for reception of the digital broadcasting to the mobile equipment. The mobile equipment changes its digital broadcasting reception setting. -26-



(54) Title of the invention : APPARATUS AND METHOD FOR DYNAMIC CONTROL OF DOWNLINK BEAM WIDTH OF AN ADAPTIVE ANTENNA ARRAY IN A WIRELESS NETWORK

(51) International classification :H04B1/38;
H04B7/26
(31) Priority Document No :10/811,432
(32) Priority Date :26/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR05/000880
Filing Date :25/03/2005
(87) International Publication No :WO/2005/093970
(61) 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 Republic of Korea

(72)Name of Inventor :

1)VAN RENSBURG, Cornelius

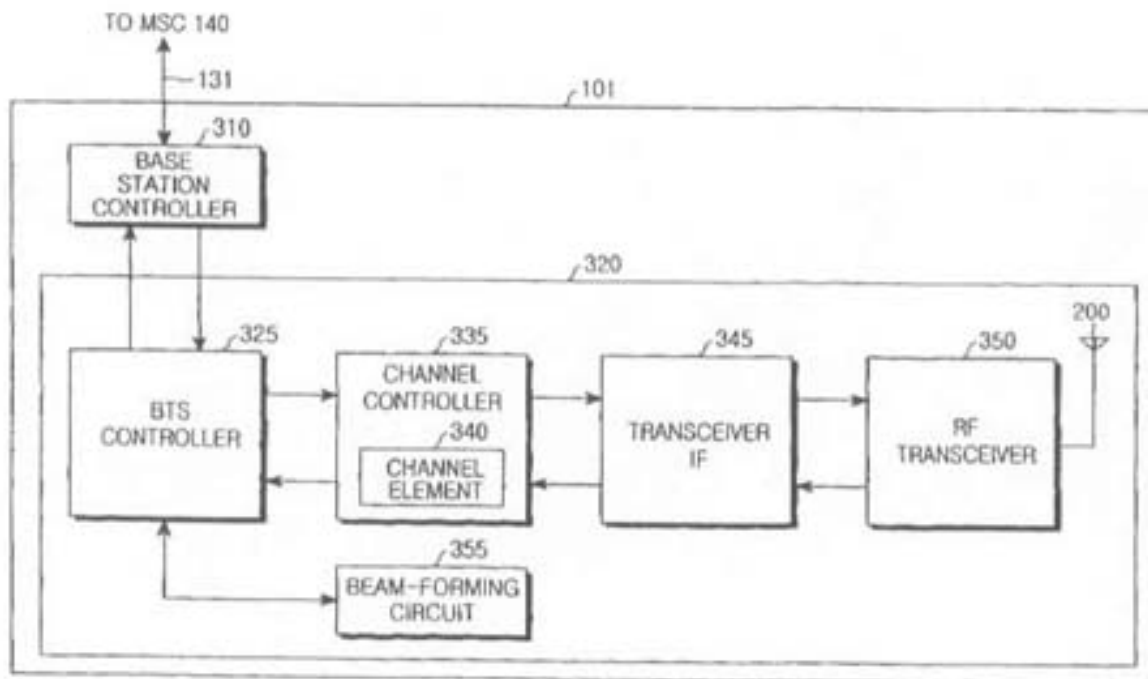
2)RAJKOTIA Purva R.

No of Pages : 18

No of Claims : 41

(57) Abstract:

A wireless network base station for optimizing the beam width of a downlink traffic beam in real time is provided. The base station includes a transceiver for receiving a pilot strength signal and a power control signal from a mobile station. The base station further includes beam forming circuitry operable to form a downlink traffic beam spatially directed to serve the mobile station having a beam width set as a function of the received pilot strength signal and power control signal.



(54) Title of the invention : O-LINKED GLYCOSYLATION OF PEPTIDES

(51) International classification	:C07K9/00;
(31) Priority Document No	:60/535,284
(32) Priority Date	:08/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/000799
Filing Date	:10/01/2005
(87) International Publication No	:WO 2005/070138
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NEOSE TECHNOLOGIES, INC.
Address of Applicant :102 WITMER ROAD, HORSHAM, PA 19044
U.S.A.

(72)**Name of Inventor :**
1)SHWAN DEFREES
2)DAVID A. ZOPF
3)ZHI-GUANG WANG
4)HENRIK CLAUSSEN

No of Pages : 175

No of Claims : 57

(57)Abstract:

The present invention provides polypeptides that include an O-linked glycosylation site that is not present in the wild-type peptide. The polypeptides of the invention include glycoconjugates in which a species such as a water-soluble polymer, a therapeutic agent of a biomolecule is covalently linked through an intact O-linked glycosyl residue to the polypeptide. Also provided are methods of making the peptides of the invention and methods, pharmaceutical compositions containing the peptides and methods of treating, ameliorating or preventing diseased in mammals by administering an amount of a peptide of the invention sufficient to achieve the desired response.

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING CUSTOM HIERARCHIES IN AN ANALYTICAL DATA STRUCTURE

(51) International classification :G01N;
 (31) Priority Document No :60/526,246
 (32) Priority Date :02/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US04/040229
 Filing Date :02/12/2004
 (87) International Publication No :WO/2005/057164
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

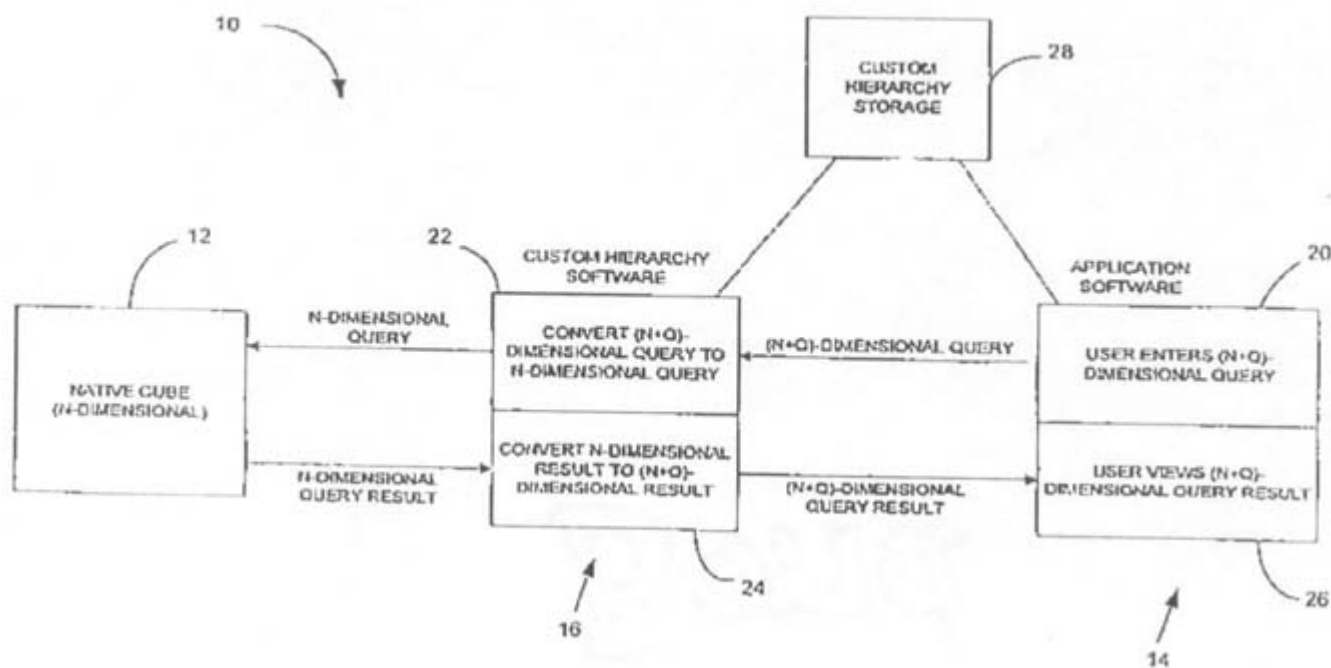
(71)Name of Applicant :
1)PROCLARITY CORPORATION
 Address of Applicant :500 SOUTH 10th STREET, BOISE, ID 83702
 U.S.A.
 (72)Name of Inventor :
1)WHITNEY, WILLIAM, RUSSELL, IV

No of Pages : 22

No of Claims : 23

(57) Abstract :

(N+Q) dimensions of data can be analyzed in an N-dimensional native OLAP cube (12) by submitting an (N+Q)-dimensional custom query and converting the (N+Q)-dimensional custom query into an N-dimensional query for submission to the N-dimensional native OLAP cube (12). An N-dimensional result of the N-dimensional query is provided and converted into an (N+Q)-dimensional result of the (N+Q)-dimensional custom query. The (N+Q) dimensional result is then provided as an answer to the (N+Q) dimensional custom query.



(54) Title of the invention : INTERPOLYMER RESIN PARTICLES

(51) International classification	:B32B 27/00
(31) Priority Document No	:60/531,784
(32) Priority Date	:22/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/41078
Filing Date	:08/12/2004
(87) International Publication No	:WO/2005/065938
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOVA CHEMICALS INC.

Address of Applicant :WEST POINTE CENTER, 1550 CORAOPOLIS HEIGHTS ROAD, MOON TOWNSHIP PENNSYLVANIA 15108 U.S.A.

(72)Name of Inventor :

1)KRUPINSKI, STEVEN M.

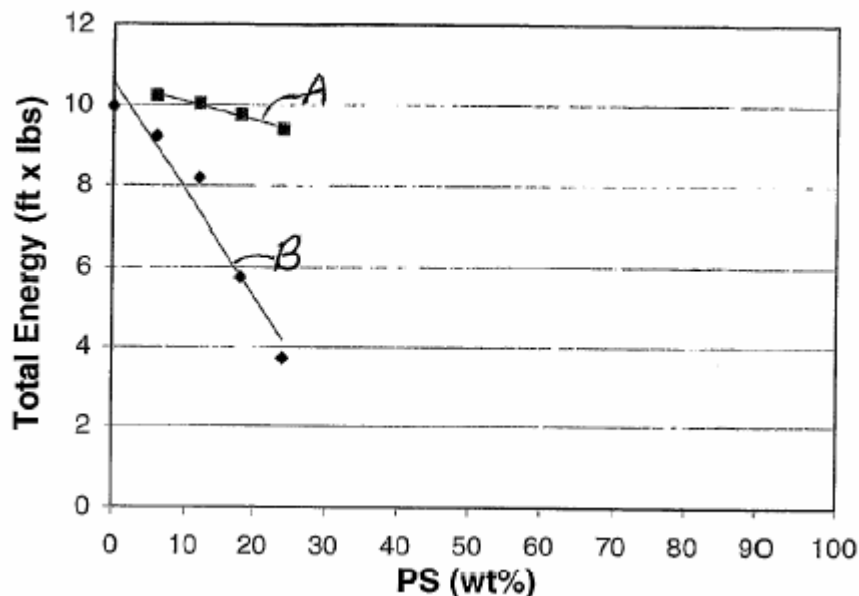
No of Pages : 45

No of Claims : 32

(57) Abstract :

Interpolymer resin particles comprised of 20% to 60% by weight of uncross-linked polyolefin e.g. polyethylene, polypropylene, and from 40% to 80% by weight based on the weight of the particles of a vinyl aromatic monomer, e.g. styrene, that is polymerized in a suspension process to form an interpenetrating network of polyolefin with polymerized vinyl aromatic monomer particles and having a gel content of 0 to 1.5% by weight based on the weight of the particles for improved processability in end-use applications and improved ESCR properties. The interpolymer resin particles have a VICAT softening temperature from about 90°C to about 115°C, and a melt index from 0.2 to 35.0g/10 minutes (Condition G). The particles can be mixed with a blowing agent to form extruded foam articles, such as foam board, and can be used in extrusion, injection molding, rotomolding, and thermoforming processes to form a layer, e.g. sheet, film, and as a tie layer in multi-layer structures to bind adjacent layers consisting of incompatible polymers, i.e. polystyrene and polyethylene for improved rigidity in multi-layer structures.

Fig.1



(54) Title of the invention : MAGNETICALLY PASSIVE POSITION SENSOR

(51) International classification

:G01D5/165;
G01D5/251

(31) Priority Document No

:102004004102.4

(32) Priority Date

:27/01/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP04/053661

Filing Date

:22/12/2004

(87) International Publication No

:WO/2005/071360

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFTAddress of Applicant :WITTELSBACHERPLATZ 2, 80333
MUNCHEN Germany

(72)Name of Inventor :

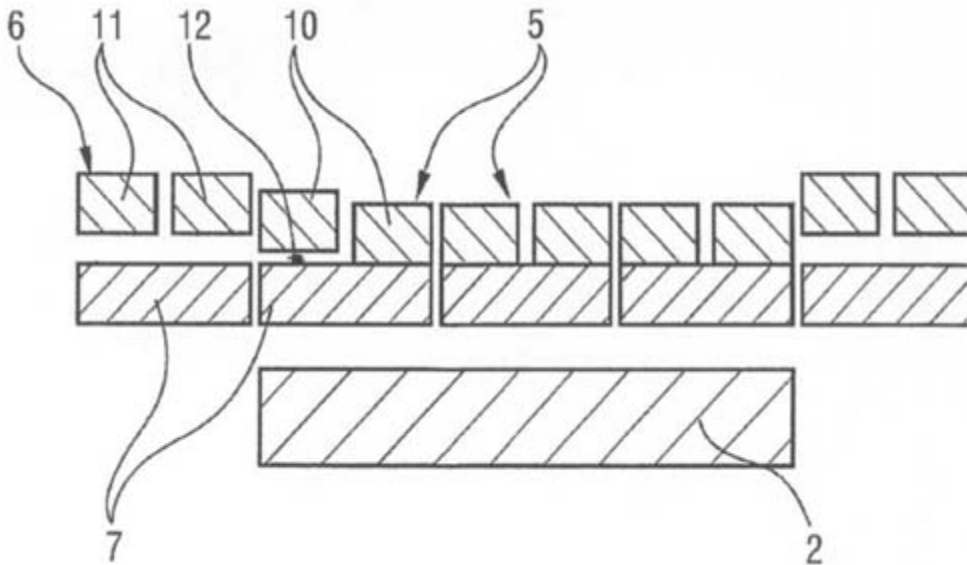
1)PAUER, BERND

No of Pages : 6

No of Claims : 2

(57)Abstract:

Disclosed is a passive magnetic position sensor comprising contacting spring elements (5, 6) that can be moved against a resistance device (4) with the aid of a magnet (2) and are provided with two tongues (10, 11) by means of which said contacting spring elements (5, 6) face a contact (7). The magnet (2) is able to press both tongues (10, 11) against the contact (7). If one of the tongues (10, 11) is prevented from being contacted as a result of the contact (7) being soiled (12), the other tongue (10, 11) is used for contacting, thus providing the position sensor with high redundancy.



(54) Title of the invention : CRYOCOOLER COLD-END ASSEMBLY APPARATUS AND METHOD

(51) International classification	:F25B 9/14
(31) Priority Document No	:10/729,719
(32) Priority Date	:05/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/040399
Filing Date	:03/12/2004
(87) International Publication No	:WO/2005/121658
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SUPERCONDUCTOR TECHNOLOGIES INC.Address of Applicant :460 WARD DRIVE, SANTA BARBARA, CA
93111 U.S.A.

(72)Name of Inventor :

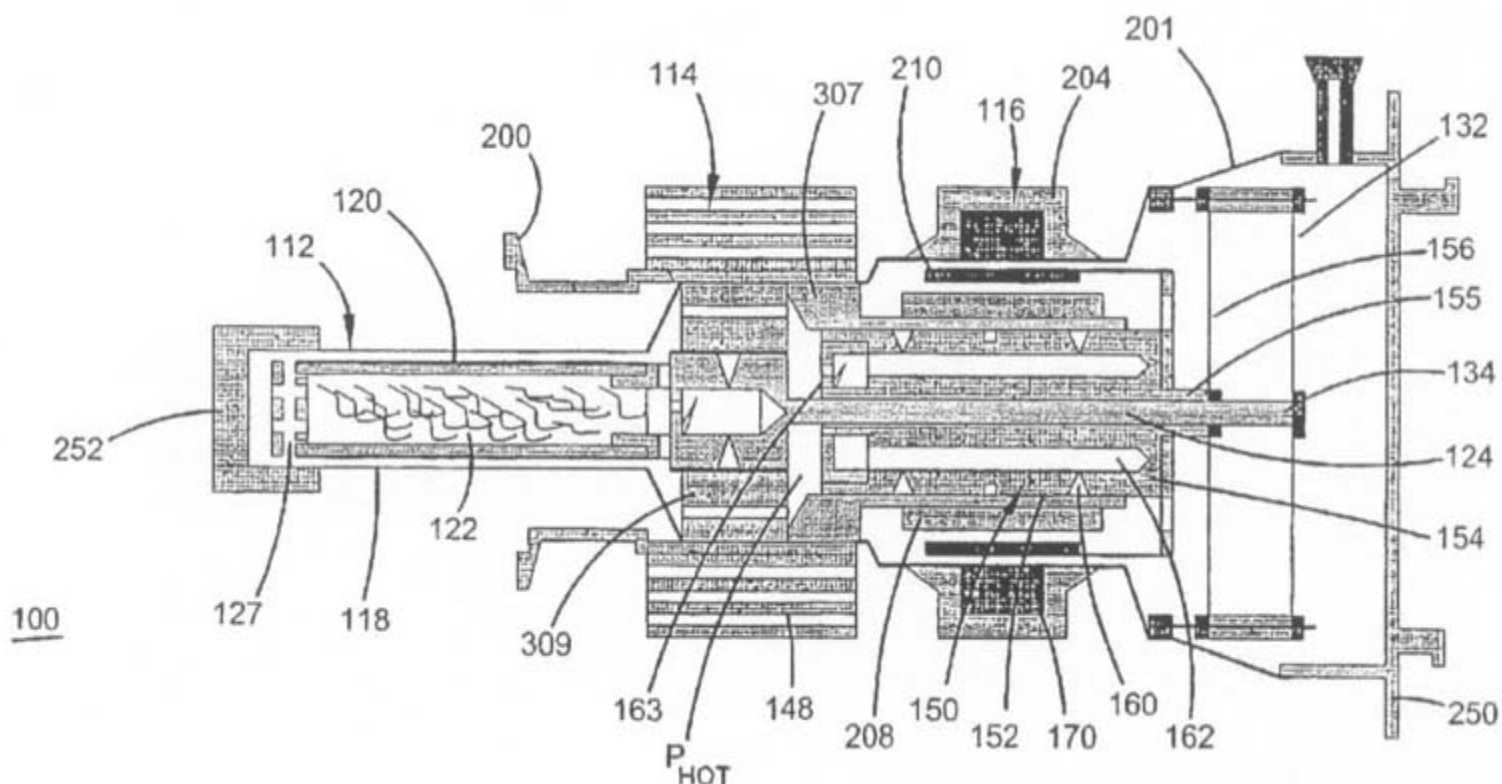
1)O'BAID, Amr Hassan**2)HANES, Mark**

No of Pages : 37

No of Claims : 21

(57)Abstract:

A cryocooler cold end assembly is disclosed. The assembly includes a unitary external, outer housing. By constructing the housing from a single unitary metal shell, part count is reduced from prior art assemblies. Additionally, all brazing requirements previously necessary to secure and seal the components are eliminated. Further, due to one or more machining steps subsequent to manufacturing/forming the external sealed housing, the tolerances are improved. This allows for shrink to fit assembly of several components and also results in improved straight-line accuracy between the piston bore and the displacer cylinder. Due to this latter improvement, the need for a displacer liner is eliminated.



(54) Title of the invention : SPINAL ARTHROPLASTY DEVICE AND METHOD

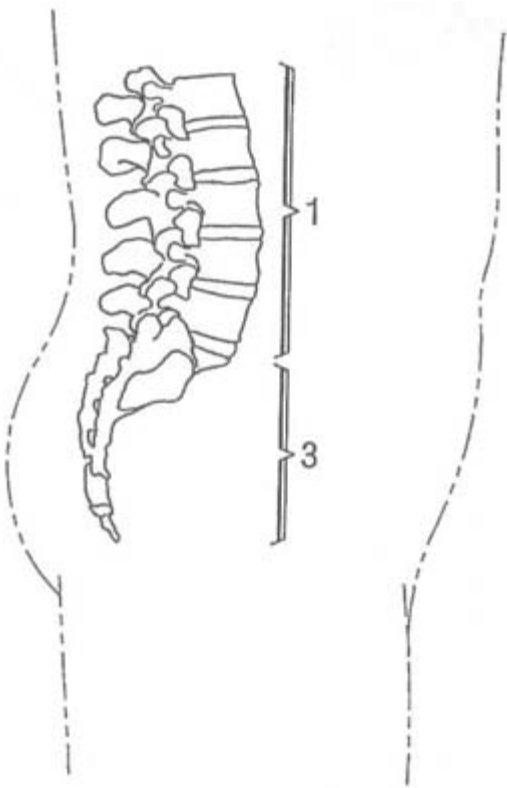
(51) International classification	:A61F 2/44	(71) Name of Applicant :
(31) Priority Document No	:60/534,960	1)SDGI HOLDINGS, INC.
(32) Priority Date	:09/01/2004	Address of Applicant :300, DELAWARE AVENUE SUITE, S508,
(33) Name of priority country	:U.S.A.	WILMINGTON, DE-19801 U.S.A.
(86) International Application No	:PCT/US2005/000706	(72) Name of Inventor :
Filing Date	:10/01/2005	1)HUMPHREYS, STEVEN, C.
(87) International Publication No	:WO 2005/070354	2)HODGES, SCOTT, D.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 69

(57) Abstract:

An artificial spinal joint and methods for replacing at least a portion of a natural intervertebral disc are provided. In some embodiments, at least portions of facet joints are replaced along with the intervertebral disc.



(51) International classification	:B01J 38/56	(71)Name of Applicant :
(31) Priority Document No	:2004-012358	1)JSR CORPORATION
(32) Priority Date	:20/01/2004	Address of Applicant :6-10, TSUKIJI 5-CHOME, CHUO-KU, TOKYO
(33) Name of priority country	:Japan	104-8410 Japan
(86) International Application No	:PCT/JP2005/000503	(72)Name of Inventor :
Filing Date	:17/01/2005	1)SUZUKI, TERUTOSHI
(87) International Publication No	:WO/2005/068078	2)HIRAI, SHIGEO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

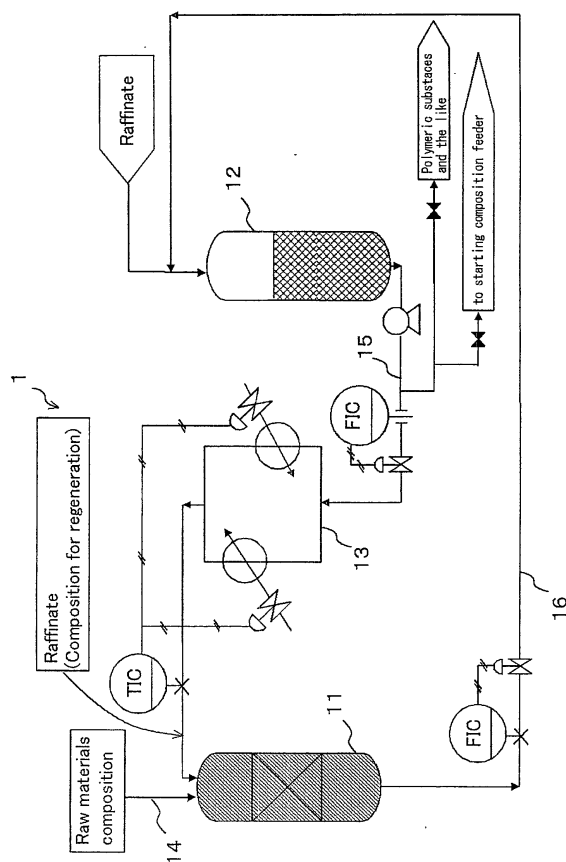
No of Pages : 47

No of Claims : 16

(57)Abstract:

A method of regenerating a hydrogenation catalyst without the use of any alkane; and a diolefin purification plant for use in this method, furnished with equipment simpler than in the prior art. There is provided a first method comprising the contact step of bringing a composition for regeneration containing 50 mass% or more of C4-C8 olefin into contact with a hydrogenation catalyst. This hydrogenation catalyst can be one used in hydrogenation of acetylenic compounds contained in a raw composition containing at least one C4-C8 diolefin. Further, there is provided a second method comprising the contact step of bringing a raffinate, the raffinate resulting from separation of any diolefins from a raw composition containing at least one C4-C8 diolefin, into contact with a hydrogenation catalyst. This hydrogenation catalyst can be one used in hydrogenation of acetylenic compounds contained in the raw composition. Moreover, there is provided a plant comprising hydrogenation catalyst regeneration facilities (1) for carrying out this regenerating method.

Fig. 1



(54) Title of the invention : DERIVATIVES OF 1,4-DIAZABICYCLO[3.2.1]OCTANECARBOXAMIDE, PREPARATION METHOD THEREOF AND USE OF SAME IN THERAPEUTICS

(51) International classification :C07D 487/08
 (31) Priority Document No :0400390
 (32) Priority Date :16/01/2004
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2005/000027
 Filing Date :07/01/2005
 (87) International Publication No :WO 2005/077955
 (61) 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, F-75013, PARIS

France

(72)Name of Inventor :

1)GALLI, FREDERICK

2)LECLERC, ODILE

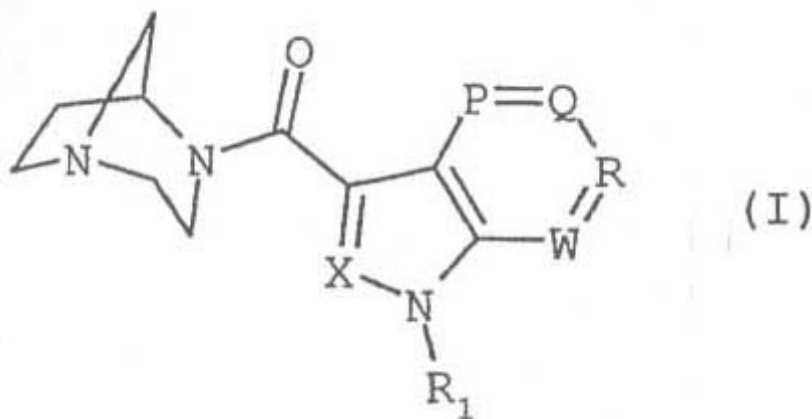
3)LOCHEAD, ALISTAIR

No of Pages : 19

No of Claims : 4

(57) Abstract :

The invention relates to compounds having general formula (I), wherein X represents N or a group having formula C-R₂; P, Q, R and W each represent N or a group having formula C-R₃; R₁ represents H or an alkyl; R₂ represents an alkyl; R₃ represents H or a halogen, or an alkyl, alkoxy, nitro, amino, trifluoromethyl, cyano group, or having general formula -NR₄R₅, -NR₄C(=O)R₅, -NR₄C(=O)NR₅R₆, -NR₄C(=O)OR₅, -NR₄S(=)2NR₅R₆, -OR₄, -OC(=O)R₄, -OC(=O)OR₄, -OC(=O)ONR₄R₅, -OC(=O)SR₄, -C(=O)OR₄, -C(=O)R₄, -C(=O)NR₄R₅, -SR₄, -S(=O)R₄, -S(=O)2R₄, -S(=O)2NR₄R₅, or a heterocycle; and R₄, R₅, and R₆ each represent H or an alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, cycloalkenyl, or heterocycloalkyl or aryl. The invention also relates to the use of same in therapeutics.



(54) Title of the invention : METHOD OF HARQ RETRANSMISSION TIMING CONTROL

(51) International classification :H04L 1/16 ,H04L 1/18
 (31) Priority Document No :04001395.5
 (32) Priority Date :22/01/2004
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP2005/000145
 Filing Date :10/01/2005
 (87) International Publication No :WO 2005/071875
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.Address of Applicant :1006, OAZA KADOMA KADOMA-SHI,
OSAKA 571-8501 Japan

(72)Name of Inventor :

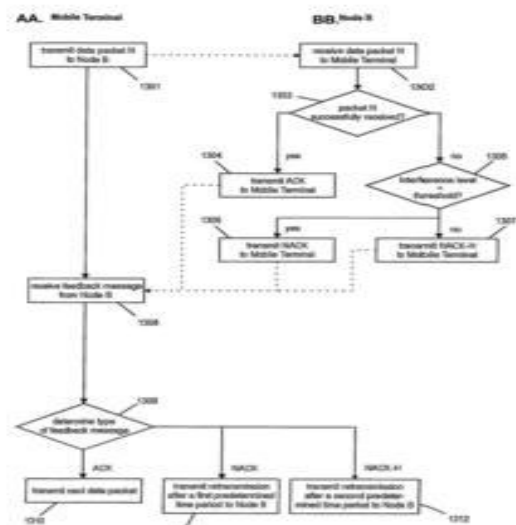
1)LOHR JOACHIM**2)SEIDEL EIKO****3)PETROVIC DRAGAN**

No of Pages : 43

No of Claims : 23

(57)Abstract:

The present invention relates to method for controlling the transmission timing of data retransmissions in a wireless communication system wherein a HARQ retransmission protocol, is used to retransmit data from a transmitting entity to a receiving entity via a data channel. Further the present invention relates to a base station, a mobile terminal and a communication system employing the present invention. To overcome problems resulting from synchronous retransmissions in interference critical situations, the present invention introduces additional feedback signaling to a new HARQ protocol. The new NACK-H indicates to the transmitting entity to postpone the synchronous retransmissions by an additional amount of time instead of transmitting the retransmission at a predetermined point in time after the reception of a negative feedback message.

**AA... TERMINAL MOBILE****BB... NoeUD B**

1301... ÉMISSION DU PAQUET DE DONNÉES N VERS LE NoeUD B
 1302... RÉCEPTION DU PAQUET DE DONNÉES N PAR LE TERMINAL MOBILE
 1303... PAQUET N BIEN REÇU ?
 1304... ÉMISSION DE "ACK" VERS TERMINAL MOBILE
 1305... NIVEAU D'INTERFÉRENCE SEUIL ?
 1306... ÉMISSION DE "NACK" VERS TERMINAL MOBILE
 1307... ÉMISSION DE "NACK-H" VERS TERMINAL MOBILE
 1308... RÉCEPTION DE MESSAGE DE RÉTROACTION PROVENANT DU NoeUD B
 1309... DÉTERMINATION DU TYPE DE MESSAGE DE RÉTROACTION
 1310... ÉMISSION DU PAQUET DE DONNÉES SUIVANT
 1311... ÉMISSION VERS NoeUD B DE LA RETRANSMISSION APRÈS UN PREMIER INTERVALLE DE TEMPS DÉFINI
 1312... ÉMISSION VERS NoeUD B DE LA RETRANSMISSION APRÈS UN DEUXIÈME INTERVALLE DE TEMPS DÉFINI

NO... NON
 YES... OUI

(54) Title of the invention : METHOD USER REGISTRATION WITH A PROXY FOR FURTHER WORK WITH ONE OF THE SERVER UNITS

(51) International classification	:G07F 7/10	(71)Name of Applicant :
(31) Priority Document No	:20031211806	1)CLOSED JOINT STOCK COMPANY COMMERCIAL BANK
(32) Priority Date	:18/12/2003	"PRIVATBANK"
(33) Name of priority country	:Ukraine	Address of Applicant :50, NABEREZHNA PEREMOGY STR. 49094
(86) International Application No	:PCT/UA2004/000082	DNEPROPETROVSK Ukraine
Filing Date	:10/12/2004	2)VITYAZ OLEXANDER
(87) International Publication No	:WO/2005/059798	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VITYAZ OLEXANDR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 11

No of Claims : 2

(57)Abstract:

The invention relates to digital data processing to be used in commercial application. A method for user registration with a proxy for further work with one of the server units comprises an establishing a protected link by a proxy between a user registration control bank server (UR) via the bank's processing center with respective remote banking or financial user card serving terminals (UCST), link of the bank's issued card database server (BICD) with the bank's processing center, and between the user registration control bank server (UR) and at least one of the server units, herein the user get at least one set of code symbols after registration, which is also sent to at least one of the server units for further user identification in it in case of his requesting said server unit, the user is registered and given at least one set of code symbols at a respective remote banking or financial user card serving terminals (UCST) in which the card's details are entered for further verification at the bank's issued card database server (BICD), and the user registration control bank server (UR) immediately transmits the user registration details to the respective server unit. Alternatively registration with the use of the BICD server of a respective bank card issuer is performed.Fig.1

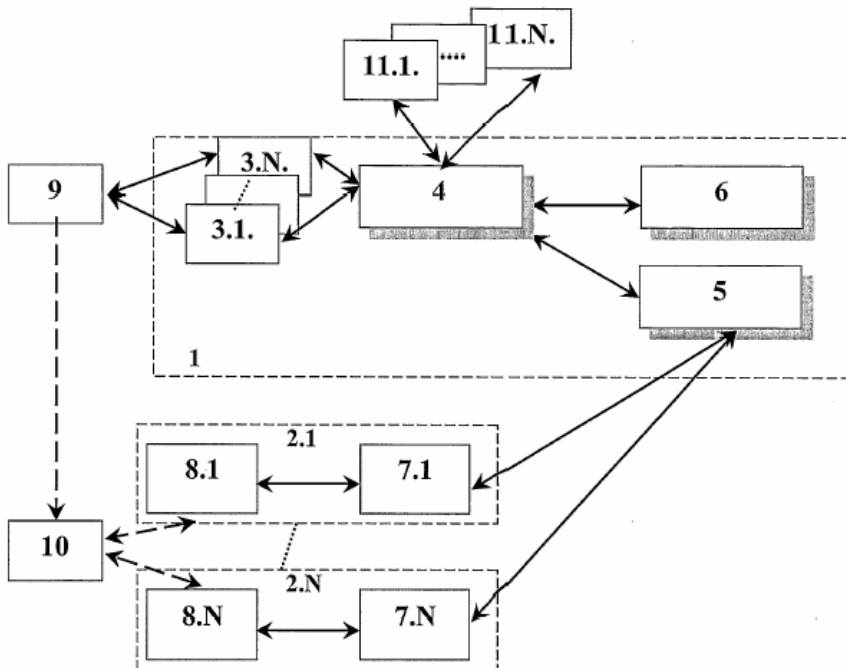


FIG. 1

(54) Title of the invention : METHODS OF KILLING TUMOR CELLS BY TARGETING INTERNAL ANTIGENS EXPOSED ON APOPTOTIC TUMOR CELLS

(51) International classification	:A61K39/395; C07H21/04; C07K16/00; A61K39	(71)Name of Applicant : 1)VACCINEX, INC Address of Applicant :1895 MT. HOPE AVENUE ROCHESTER NEW YORK 14620 U.S.A.
(31) Priority Document No	:60/526,572	(72)Name of Inventor :
(32) Priority Date	:04/12/2003	1)EVANS ELIZABETH E.
(33) Name of priority country	:U.S.A.	2)PARIS MARK J.
(86) International Application No	:PCT/US2004/040573	3)SAHASRABUDHE DEEPAK M.
Filing Date	:06/12/2004	4)SMITH ERNEST S.
(87) International Publication No	:WO/2005/055936	5)ZAUDERER MAURICE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

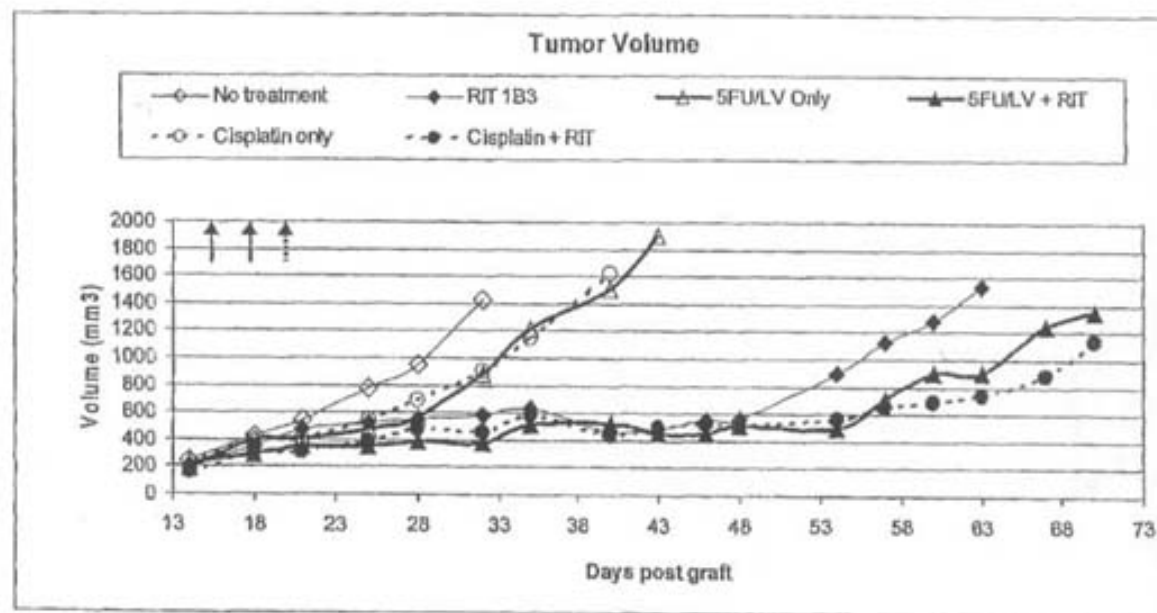
No of Pages : 248

No of Claims : 50

(57)Abstract:

The invention provides in vitro and in vivo methods of killing cancer cells, including therapeutic methods in humans, and also provides antibodies specific for the cancer specific antigen C35, and polynucleotide encoding such antibodies, as well as therapeutic and diagnostic methods of using such antibodies.

Combined Modality: Chemotherapy + Radioimmunotherapy



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1854/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/07/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : SPIROCYCLIC CYCLOHEXANE DERIVATIVES WITH AFFINITY FOR THE ORAL-1 RECEPTOR

		(71) Name of Applicant : 1)GRUNENTHAL GMBH Address of Applicant :ZLEGLERSTRASSE 6 D-52078 Aachen Germany
(51) International classification	:C07D 471/10	(72) Name of Inventor :
(31) Priority Document No	:10360792.7	1)HINZE, CLAUDIA
(32) Priority Date	:23/12/2003	2)SUNERMANN, BERND
(33) Name of priority country	:Germany	3)SCHICK, HANS
(86) International Application No	:PCT/EP04/014539	4)HENKEL, BIRGITTA
Filing Date	:21/12/2004	5)ENGLBERGER, WERNER
(87) International Publication No	:WO/2005/066183	6)OBERBORSCHI, STEFAN
(61) Patent of Addition to Application Number	:NA	7)FRIDERICH, ELMAR
Filing Date	:NA	8)FROMANN, SVEN
(62) Divisional to Application Number	:NA	9)KOGEL, BABETTE-YVONNE
Filing Date	:NA	10)LINZ, KLAUS
		11)MERLA, ;BEATRIX
		12)SAUNDERS, DEREK
		13)SCHRODER, WOLFGANG
		14)SONNENSCHNEIN, HELMUT

No of Pages : 52

No of Claims : 17

(57)Abstract:

The invention relates to spirocyclic cyclohexane derivatives, to a method for the production thereof, to medicaments containing said compounds and to the use of spirocyclic cyclohexane derivatives for the production of medicaments.

(54) Title of the invention : INHIBITOR OF PROTEIN MODIFICATION PRODUCTS FORMATION

(51) International classification	:C07D 491/04
(31) Priority Document No	:2003-407834
(32) Priority Date	:05/12/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/018038
Filing Date	:12/03/2004
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TOKAI UNIVERSITY EDUCATIONAL SYSTEM

Address of Applicant :28-4, TOMIGAYA 2-CHOME, SHIBUYA-KU, TOKYO 151-0063 Japan

2)MIYATA, TOSHIO**3)KUROKAWA, KIYOSHI**

(72)Name of Inventor :

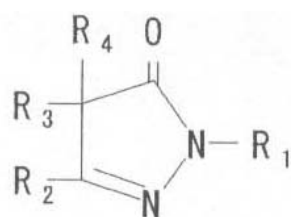
1)MIYATA, TOSHIO**2)KKUROKAWA, KIYOSHI**

No of Pages : 123

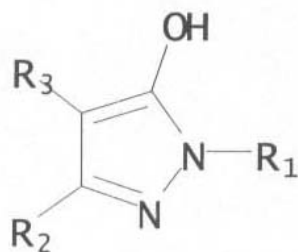
No of Claims : 25

(57)Abstract:

[Problems] To provide a inhibitor of protein modification products formation capable of inhibiting of vitamin B6 deficiency disease as a side effect, especially a renal protective agent. [Means for solving problems] There is provided a use, as an active ingredient, of any of free or salt-form compounds of either of the formulae: (I) (II) [wherein R1 is substituted or unsubstituted aromatic ring; and each of R2, R3 and R4 is a hydrogen atom or monovalent organic group, or alternatively R2 and R3 cooperate to form a condensed ring or R3 and R4 cooperate to represent a divalent organic group, provided that R3 and R4 are not simultaneously hydrogen atoms].



(I)



(II)

(54) Title of the invention : TRAVELOR, MOVING RAMP OR ESCALATOR

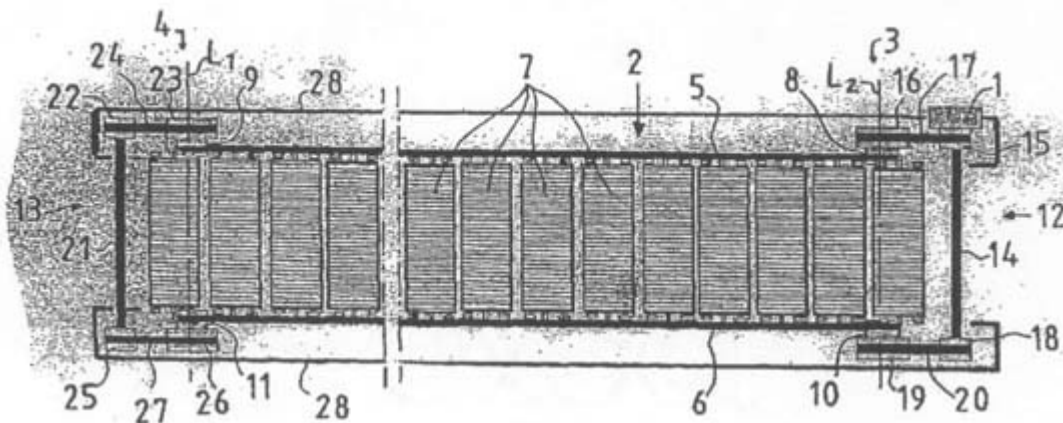
(51) International classification	:B66B 21/00	(71)Name of Applicant :
(31) Priority Document No	:20040303	1)KONE CORPORATION
(32) Priority Date	:26/02/2004	Address of Applicant :KARTANONTIE 1, FI-00330 HELSINKI
(33) Name of priority country	:Finland	Finland
(86) International Application No	:PCT/FI2005/000049	(72)Name of Inventor :
Filing Date	:26/01/2005	1)AULANKO ESKO
(87) International Publication No	:WO/2005/082769	2)MUSTALAHTI JORMA
(61) Patent of Addition to Application Number	:NA	3)OSSENDORF MARC
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 12

(57)Abstract:

A travelator, moving ramp or escalator, comprising a power means (1) and a conveyor (2) having a driven end (3) driven by the power means (1) and a non-driven end (4). The conveyor comprises a first drive element (5) and a second drive element (6), which is at a distance from each other and parallel to each other, each being formed as an endless loop. A number of transport platforms (7), such as pallets or stairs, are arranged one after the other and secured to the first (5) and the second (6) drive elements. The first drive element (5) is passed at the driven end (3) over a first driving pulley (8), which is rotated by the power means (1), and at the non-driven end (4) over a first diverting pulley (9). The second drive element (6) is passed at the driven end (3) over a second driving pulley (10), which is rotated by the power means (1), and over a second diverting pulley (12) at the non-driven end (4). Placed at the driven end (3) are first synchronizing means (13) for mutual synchronization of the first driving pulley (8) and the second driving pulley (10). The conveyor (2) additionally comprises second synchronizing means (13), which have been arranged at the non-driven end (4) for mutual synchronization of the first diverting pulley (9) and the second diverting pulley (11).



(54) Title of the invention : MODULATION OF IMUNOSTIMULATORY PROPERTIES SMALL OLIGONUCLEOTIDE-BASED COMPOUNDS

(51) International classification	:A61K 39/39	(71)Name of Applicant :
(31) Priority Document No	:60/528,277	1)HYBRIDON, INC.
(32) Priority Date	:08/12/2003	Address of Applicant :345, VASSAR STREET, CAMBRIDGE, MA
(33) Name of priority country	:U.S.A.	02139 U.S.A.
(86) International Application No	:PCT/US2004/016298	(72)Name of Inventor :
Filing Date	:24/05/2004	1)AGRAWAL, SUDHIR
(87) International Publication No	:WO/2005/060377	2)ZHU, FU-GANG
(61) Patent of Addition to Application Number	:NA	3)KANDIMALL, EKAMBAR R.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 144

No of Claims : 42

(57)Abstract:

The invention provides methods for enhancing and modifying the immune response caused oligonucleotide compounds. The methods according to the invention enable increasing the immunosimulatory effect of immunosimulatory oligonucleotides for immunotherapy applications. The present inventors have surprisingly discovered that modification of an immunosimulatory oligonucleotide to optimally present at its 5' end dramatically enhances its immunosimulatory capability. Such an oligonucleotide is referred to herein as a "immunomer".

Fig.1

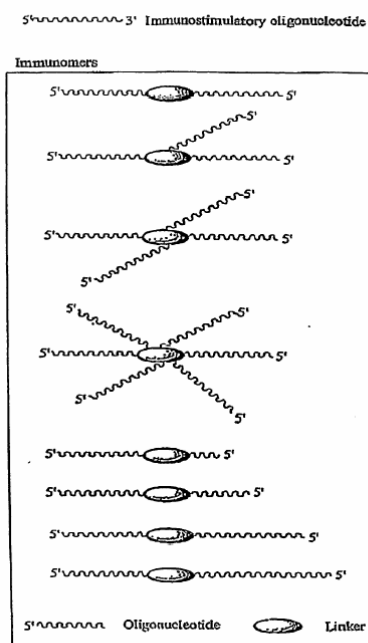


Figure 1

(21) Application No.1858/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/07/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : MICROLENS ARRAYS

(51) International classification	:G02B 6/255 ,G02B6/26
(31) Priority Document No	:10/754,365
(32) Priority Date	:08/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/041379
Filing Date	:10/12/2004
(87) International Publication No	:WO 2005/069777
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TANG, YIN S.
 Address of Applicant :201, ROCKVIEW, IRVINE, CALIFORNIA
 92612 U.S.A.

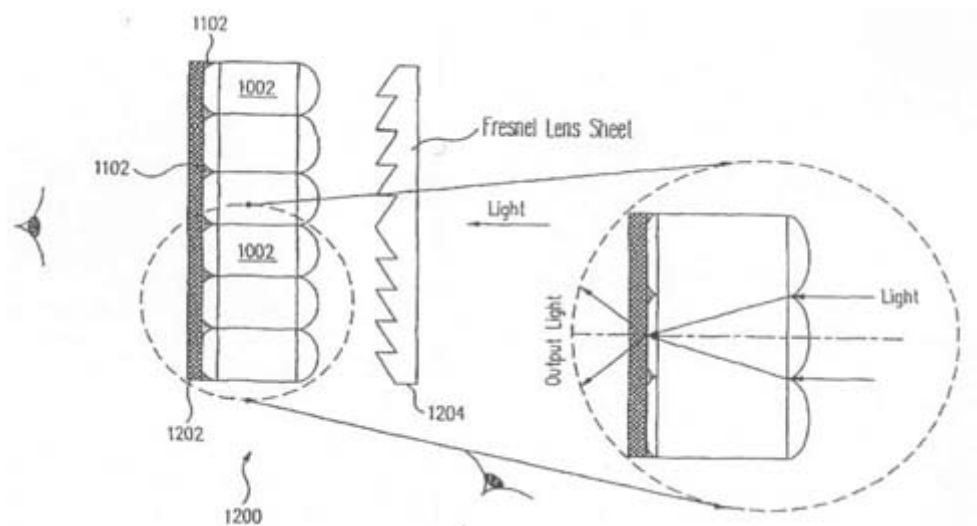
(72)**Name of Inventor :**
1)TANG, YIN S.

No of Pages : 31

No of Claims : 31

(57) Abstract :

Systems and methods for providing a light controlling structure(1002), generally referred to as a microlens or microlens array. For example, in accordance with an embodiment of the present invention, a light controlling structure (1002) may be employed to provide a display screen(1002).



(54) Title of the invention : LENSED TIP OPTICAL FIBER AND METHOD OF MAKING THE SAME

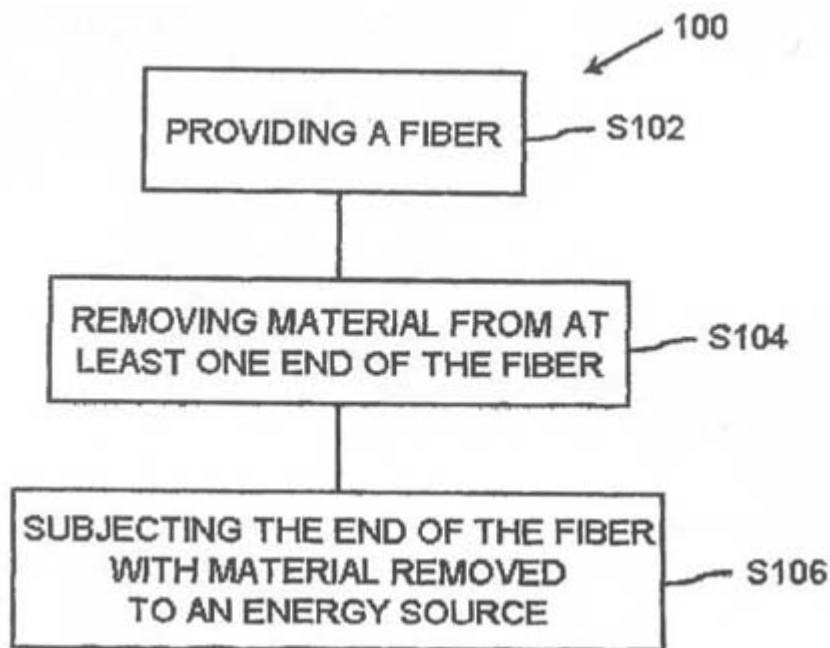
(51) International classification	:B29C 67/00,B29D11/00	(71)Name of Applicant : 1)TANG, YIN S.
(31) Priority Document No	:10/754,365	Address of Applicant :201, ROCKVIEW, IRVINE, CALIFORNIA
(32) Priority Date	:08/01/2004	92612 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/000715	1)TANG, YIN S.
Filing Date	:10/01/2005	
(87) International Publication No	:WO 2005/067676	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 20

(57) Abstract :

A method is provided for manufacturing a lensed tip optical fiber. The method includes providing an optically transparent cylindrical fiber and etching a first end of the optically transparent cylindrical fiber to form a tip. The tip is heated which forms a lens surface at the heated tip. This lensed tip optical fiber makes optical alignment with other optical fibers and coupling of the optical fiber with photonic devices less burdensome.



(54) Title of the invention : PORTABLE APPARATUS FOR PROVIDE A COMPUTER DATA AND/OR COMPUTER DATA PROGRAM TO A MOBILE COMPUTERIZED ELECTRONICS DEVICE, AND ASSOCIATED METHOD

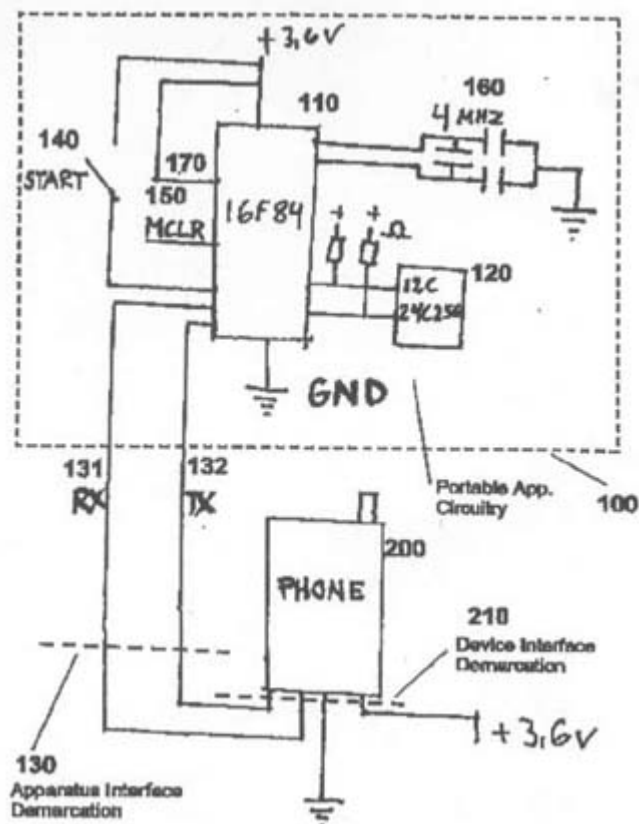
(51) International classification	:G06F 13/16,G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:20040201	1)CELLJUMP LTD.
(32) Priority Date	:16/01/2004	Address of Applicant :C/O ERNST & YOUNG LLP.COMPANY
(33) Name of priority country	:Norway	SECRETARIAL DEPERTMENT, 400 CAPABILITY GREEN, LUTON,
(86) International Application No	:PCT/NO2005/000018	BEDFORDSHIRE LU1 3LU U.K.
Filing Date	:14/01/2005	(72)Name of Inventor :
(87) International Publication No	:WO 2005/069117	1)HORPESTAD, ÅYVIND
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 19

No of Claims : 39

(57) Abstract :

A portable electronic apparatus for providing computer data or a computer program to a mobile computerized device, and an associated method, is provided. A portable apparatus of the invention comprises an interface means adapted to an interface of a mobile device and adapted to sense at least one input, a memory means carrying thereon a computer data or computer program intended for the mobile device, a control means responsive to an input to the interface means and a data communication means arranged to communicating at least part of the computer data or computer program over the interface means in response to control input from the control means. A method for providing a portable electronic apparatus for providing computer data or a computer program to a mobile computerized device includes steps for carrying out the functions of the various means of an apparatus according to the invention.



(54) Title of the invention : ELEVATOR

(51) International classification	:B66B 5/12,B66B 7/06
(31) Priority Document No	:20040461
(32) Priority Date	:26/03/2004
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2005/000154
Filing Date	:17/03/2005
(87) International Publication No	:WO/2005/092770
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KONE CORPORATION

Address of Applicant :KARTANONTIE 1, FI-00330 HELSINKI, Finland

(72)Name of Inventor :

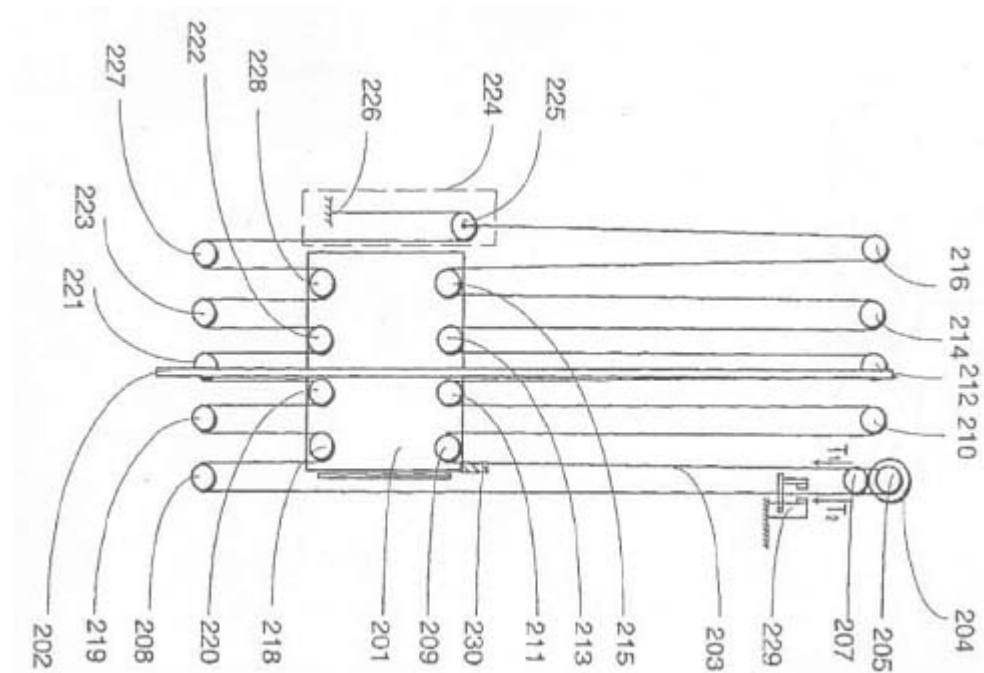
1)AULANKO ESKO**2)MUSTALAHTI JORMA**

No of Pages : 31

No of Claims : 11

(57) Abstract :

An elevator and a method, said elevator being preferably an elevator without machine room, and wherein the elevator car is supported by a set of hoisting ropes comprising one rope or a number of parallel ropes. The elevator has a traction sheave which moves the elevator car by means of the hoisting ropes. The elevator has rope portions of hoisting ropes going upwards and downwards from the elevator car, and the rope portions going from the traction sheave in the direction of the rope portion above the elevator car are under a first rope tension (T1) and the rope portions going from the traction sheave in the direction of the rope portion below the elevator car are under a second rope tension (T2). In addition, the elevator has a compensating device acting on the hoisting ropes to equalize and/or compensate the rope tension and/or rope elongation and/or to render the ratio of the first and the second rope tensions (T1/T2) substantially constant. The motion of the elevator is prevented and/or stopped by increasing the ratio of the first rope tension (T1) to the second rope tension (T2) .



(54) Title of the invention : ELEVATOR DOOR MONITORING ARRANGEMENT

(51) International classification	:B66B 13/00,B66B 5/00	(71)Name of Applicant :
(31) Priority Document No	:20040104	1)KONE CORPORATION
(32) Priority Date	:23/10/2004	Address of Applicant :KARTNONTIE 1, FI-00330 HELSINKI, Finland
(33) Name of priority country	:Finland	(72)Name of Inventor :
(86) International Application No	:PCT/FI2005/000025	1)TYNI TAPIO
Filing Date	:17/01/2005	2)PERALA PEKKA
(87) International Publication No	:WO/2005/073119	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 34

No of Claims : 14

(57) Abstract :

The method of the present invention can be used to monitor and predict the condition of an automatic door of an elevator or more generally an automatic door in a building. In the method, the acceleration or velocity of the door is measured and a dynamic model of the door is created. Using the model, estimated values of acceleration or velocity of the door can be calculated as a function of unknown parameters. One of the unknown parameters is the frictional force acting on the door during movement. By utilizing the estimated acceleration or velocity as well as measured acceleration or velocity values, an error function is obtained, whose minimum value is found using an optimizer. The unknown parameters corresponding to the minimum value indicate the current condition of the door. On the basis of earlier measurement results, it is additionally possible to predict a point of time when a failure is likely to occur in the operation of the door. In addition to unknown force parameters, it is possible, using a genetic algorithm, to determine the operational condition of a door closing device as well.

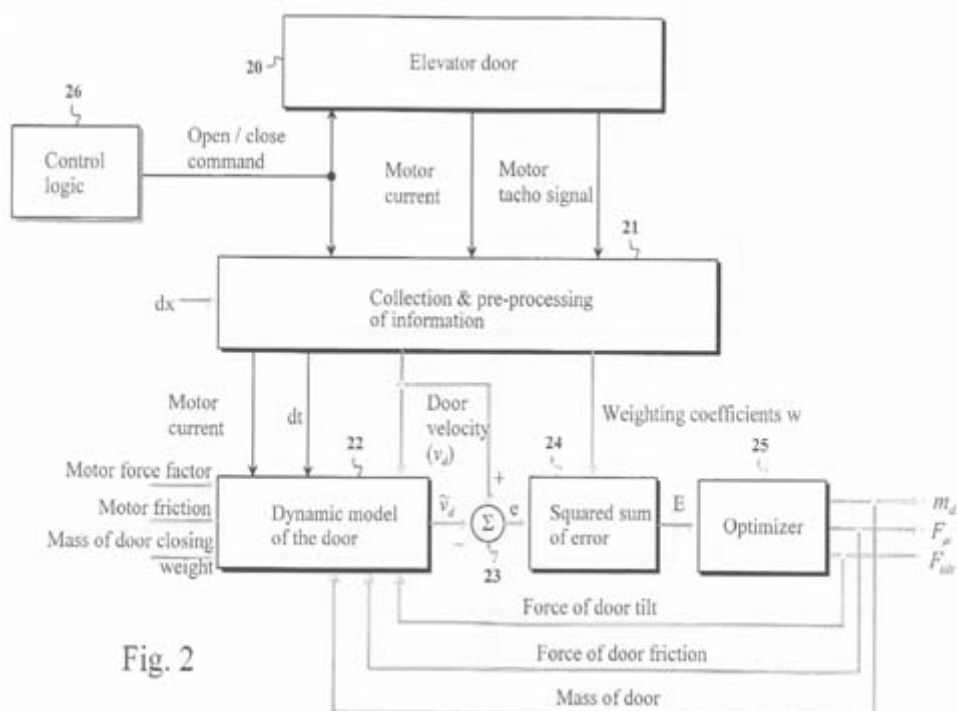


Fig. 2

(54) Title of the invention : PLASTIC COLLAPSIBLE BOTTLE WITH ACCORDION-LIKE ARRANGED BELLOWS RIDGES

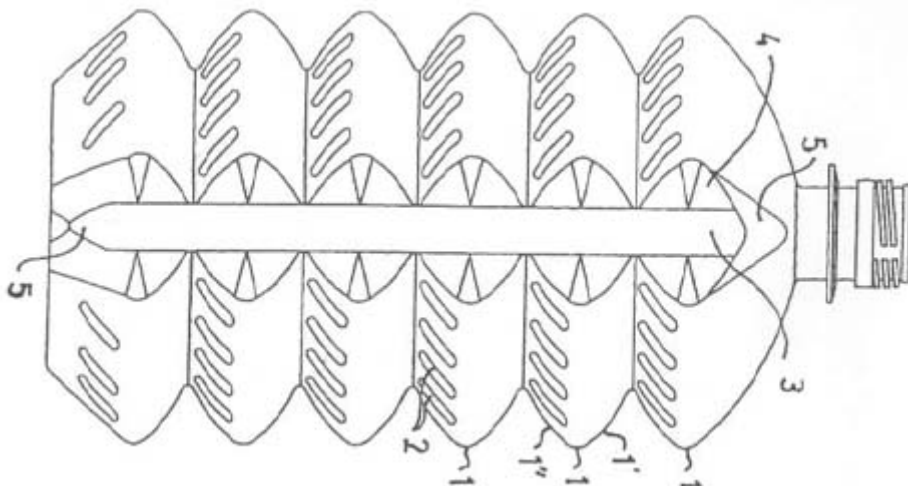
(51) International classification	:B65D 1/02	(71)Name of Applicant :
(31) Priority Document No	:PV 2003-3538	1)MUSALEK OTO
(32) Priority Date	:22/12/2003	Address of Applicant :VRABLOVEC 1306/99, 747 14
(33) Name of priority country	:Czech Republic	LUDGEROVICE Czech Republic
(86) International Application No	:PCT/CZ2004/000081	(72)Name of Inventor :
Filing Date	:02/12/2004	1)MUSALEK OTO
(87) International Publication No	:WO/2005/061336	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 10

(57) Abstract :

The bottle has accordion-like collapsible bellows ridges (1) with upper and lower arched shape surfaces (1', 1''), always only one of the surfaces (1', 1'') is provided with a system of ridge embossed or stamped stiffenings (2) without horizontal continuity. System of vertical stamped stiffenings (3) is present as well, creating recesses (4) of the bellows ridges (1) with angle greater than 90 DEG , having arched shape haunches (5) at the top and bottom. Stacking depression (6) is created in the bottom of the bottle, the bottle is preferably provided with removable label leaving no residue and it has completely detachable cap (7).



(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF VIRUS SAFE IMMUNOGLOBULIN

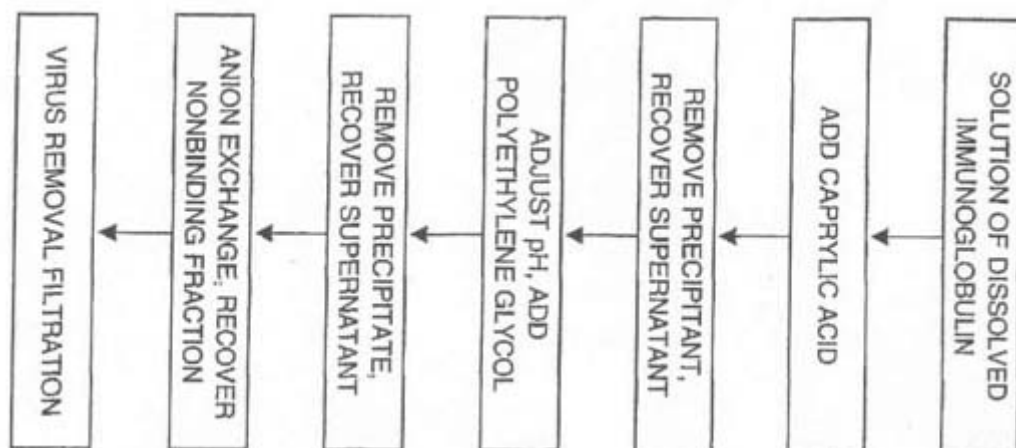
(51) International classification	:C07K 16/06	(71)Name of Applicant :
(31) Priority Document No	:60/539,999	1)SUOMEN PUNAINEN RISTI VERIPALVELU
(32) Priority Date	:30/10/2004	Address of Applicant :KIVIHAANTIE 7 FI00310 HELSINKI Finland
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/FI2005/000064	1)PARKKINEN JAAKKO
Filing Date	:31/01/2005	
(87) International Publication No	:WO/2005/073252	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 17

(57) Abstract :

Process for preparing a purified immunoglobulin preparation. The process comprises the steps of subjecting a crude immunoglobulin solution to caprylic acid treatment, removing protein aggregates and viruses from the immunoglobulin solution, subjecting the immunoglobulin solution to anion exchange chromatography in order to purify the immunoglobulin, filtering the immunoglobulin solution thus obtained on a virus-removal filter to produce an eluate containing immunoglobulin, and recovering the immunoglobulin. By combining caprylic acid treatment and precipitation with a protein precipitant the level of aggregated proteins and viruses is effectively reduced and a truly virus safe preparation is provided after filtration.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1865/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :04/07/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : MULTI-LAYER MATERIAL, ESPECIALLY FOR PACKAGING OXYGEN-SENSITIVE PRODUCTS

(51) International classification	:B32B 27/00
(31) Priority Document No	:10 2004 021 632.0
(32) Priority Date	:03/05/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/004784
Filing Date	:03/05/2005
(87) International Publication No	:WO/2005/108063
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SUD-CHEMIE AG

Address of Applicant :LENBACHPLATZ 6, D-80333 MUNCHEN
Germany

(72)Name of Inventor :

1)DICK, STEFAN

2)KRAMER, INGE

3)GOLDHAN, GERTRAUD

4)RODLER, NORBERT

5)HUBENSTEINER, THOMAS

6)STRAMM CORNELIA

7)RIEBLINGER, KLAUS

No of Pages : 47

No of Claims : 46

(57) Abstract :

The invention relates to a multi-layer material which comprises at least the following layers in the following order: a) an EVOH-based gas-barrier layer; b) an adhesive layer based on at least one anhydride modified polymer; c) an oxygen-absorbing layer from at least one polymeric, non-particulate oxygen absorber, whereby preferably the total thickness of the adhesive layer(s) is at least approximately 10 μ m. The invention also relates to a method for producing the multi-layer material and to the use thereof.

(54) Title of the invention : TARGETED GENE DELIVERY TO NON-PHAGOCYtic MAMMALIAN CELLS VIA BACTERIALLY DERIVED INTACT MINICELLS

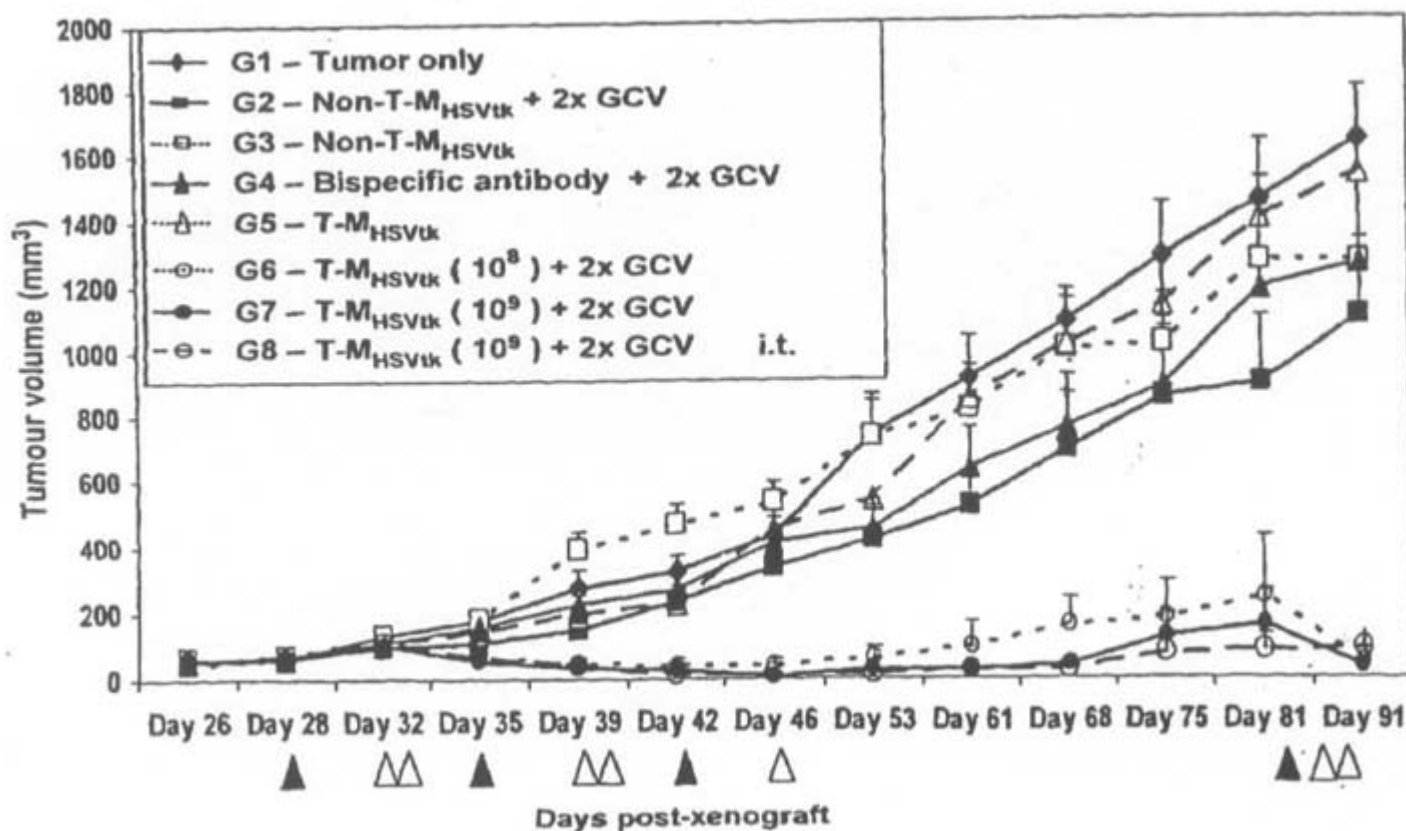
(51) International classification	:A61K47/00; A61K48/00; C12N15/09; C12N15/	(71)Name of Applicant : 1)ENGINEIC MOLECULAR DELIVERY PTY LTD. Address of Applicant :105 DELHI ROAD, RIVERSIDE CORPORATE PARK, NORTH RYDE, NSW 2113 Australia
(31) Priority Document No	:60/527,764	(72)Name of Inventor :
(32) Priority Date	:09/12/2003	1)BRAHMABHATT, HIMANSHU
(33) Name of priority country	:U.S.A.	2)MACDIARMID, JENNIFER
(86) International Application No	:PCT/IB2004/004406	
Filing Date	:08/12/2004	
(87) International Publication No	:WO/2005/056749	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 58

No of Claims : 35

(57) Abstract :

A method of targeting bacterially-derived, intact minicells to specific, non-phagocytic mammalian cells employs bispecific ligands to deliver nucleic acids efficiently to the mammalian cells. Bispecific ligands, comprising (i) a first arm that carries specificity for a bacterially-derived minicell surface structure and (ii) a second arm that carries specificity for a non-phagocytic mammalian cell surface receptor are useful for targeting minicells to specific, non-phagocytic mammalian cells and causing endocytosis of minicells by non-phagocytic cells.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1867/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/07/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : CLADDING ELEMENT FOR CONSTRUCTING BUILDING FACADES

(51) International classification	:E04B 2/88
(31) Priority Document No	:04030577.3
(32) Priority Date	:23/12/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/DE05/001994
Filing Date	:04/11/2005
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LAUKIEN GMBH & CO. BETEILIGUNGEN KG.

Address of Applicant :BORSIGSTRASSE 23, D-24145 KIEL,
Germany

(72)Name of Inventor :

1)CONRADI, ULRICH

No of Pages : 17

No of Claims : 18

(57) Abstract :

A cladding element for constructing a facade of a building includes a substantially platelike element provided with a plurality of angular protrusions of essentially angular cross section which from a front side of the platelike element.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1868/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/07/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : PROCESS FOR THE PREPARITION OF PYRIDOPYRIMIDONES

(51) International classification	:C07D 239/90
(31) Priority Document No	:60/534,057
(32) Priority Date	:31/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/044064
Filing Date	:31/12/2004
(87) International Publication No	:WO 2005/065416
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SCIOS INC

Address of Applicant :6500 PASEO PADRE PARKWAY, FREMONT, CA 94555 U.S.A.

(72)**Name of Inventor :**

1)SARVAJEET CHAKRAVARTY

2)SUNDEEP DUGAR

3)RICHLAND TESTER

4)AURELIA CONTE

No of Pages : 13

No of Claims : 3

(57) Abstract :

The present invention is directed to a process for making 2-substituted pyridopyrimidones. In particular, 2-substituted pyridopyrimidones are made through the single step reaction of suitable acid derivatives with desired derivatives of amidines.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1869/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/07/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : BRIGHT AND FAST NEUTRON SCINTILLATORS

(51) International classification	:C09K 11/85
(31) Priority Document No	:04290068.8
(32) Priority Date	:09/01/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP05/000098
Filing Date	:10/01/2005
(87) International Publication No	:WO/2005/068585
(61) 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 VOOR DE TECHNISCHE WETENSCHAPPEN
Address of Applicant :VAN VOLLENHOVENLAAN 661, 3527 JP
UTRECHT, HOLLANDS Netherlands
(72)**Name of Inventor :**
1)KRAMER KARL WILHELM
2)GUDEL HANS-ULRICH
3)BESSIERE AURELIE
4)DORENBOS PIETER
5)VANELJK CAREL WILHELM EDUARD

No of Pages : 9

No of Claims : 29

(57) Abstract :

The invention pertains to a neutron detector comprising a scintillating material of the generic formula $Cs(2-z)RbZLiLn(1-X)X6 : xCe$, where X is either Br or I, Ln is Y or Gd or Lu or Sc or La, where z is greater or equal to 0 and less or equal to 2, and x is above 0.0005, generally under the form of monocrystal. The scintillating material has a remarkably low decay time.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1870/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/07/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : METHOD OF CLEANING A SUBSTRATE

(51) International classification	:H01L 21/304
(31) Priority Document No	:0400787
(32) Priority Date	:28/01/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR05/050036
Filing Date	:21/01/2005
(87) International Publication No	:WO/2005/075371
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SAINT-GOBAIN GLASS FRANCE

Address of Applicant :LES MIROIRES, 18 AVENUE D'ALSACE F-92400 COURBEVOIE France

(72)**Name of Inventor :**

1)NADAUD, NICOLAS

2)MATTMAN, ERIC

3)ROUSSEAU, JEAN-PAUL

4)LOERGEN, MARCUS

No of Pages : 27

No of Claims : 19

(57) Abstract :

The invention concerns a method for continuous vacuum cleaning of a substrate, characterized in that it consists in: selecting a species with low spray performance and chemically active against fouling; generating, by means of at least one linear ionic source, a plasma from a gas mixture mainly comprising the species with low spray performance, in particular based on oxygen; subjecting at least one surface portion of said substrate to said plasma so that the ionized species removes at least partly by chemical reaction the fouling possibly absorbed or located at said surface portion.

(54) Title of the invention : ASSEMBLY DEVICE FOR LAMINATED GLAZING ELEMENTS

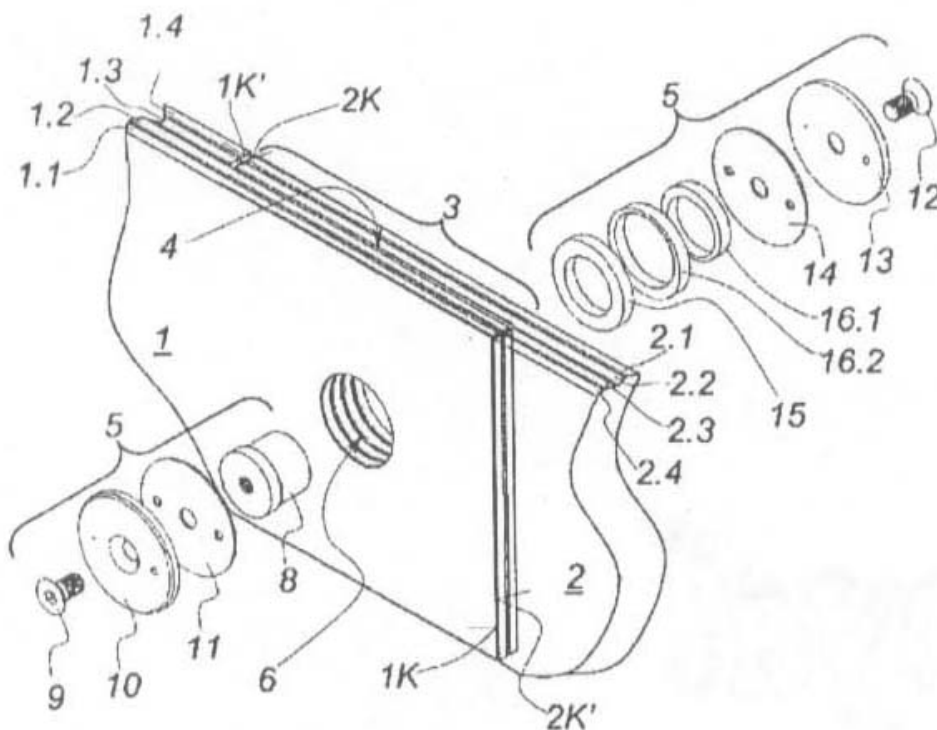
(51) International classification	:B32B17/10;E06B3/54	(71)Name of Applicant :
(31) Priority Document No	:102004003960.7	1)SAINT-GOBAIN GLASS FRANCE
(32) Priority Date	:27/01/2004	Address of Applicant :LES MIROIRS, 18 AVENUE D'ALSACE F-
(33) Name of priority country	:Germany	92400 COURBEVOIE France
(86) International Application No	:PCT/FR05/050042	(72)Name of Inventor :
Filing Date	:25/01/2005	1)ECKELT, CHRISTIAN
(87) International Publication No	:WO/2005/075780	2)LEOPOLDESEDER, ROLAND
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 23

(57) Abstract :

The invention concerns a device for assembling at least two laminated glass panes (1, 2) consisting each of several individual rigid glass panes (1.1 to 1.4, 2.1 to 2.4) surface-assembled to one another with adhesive layers, and succeeding one another in an extending direction, partly overlapping one another in the adjacent edge zones projecting perpendicularly on the surfaces of the glass panes and assembled to one another in that overlapping zone (3) delimited on the side of the edge. The invention is characterized in that only part of the rigid glass panes, at least one individual glass pane (1.1, 1.2, 2.1, 2.2) of each laminated glass pane (1, 2) extends in the overlapping zone (3), thereby enabling a smooth continuous transition from one laminated glass pane to the next with a visual effect of extremely transparent pure glazing.



(54) Title of the invention : FLAT FLOAT GLASS WITH NO STATIONARY POINT

(51) International classification

:C03B18/02;

C03B18/18

(31) Priority Document No

:0400788

(32) Priority Date

:28/01/2004

(33) Name of priority country

:France

(86) International Application No

:PCT/FR05/050041

Filing Date

:24/01/2005

(87) International Publication No

:WO/2005/073138

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SAINT-GOBAIN GLASS FRANCE

Address of Applicant :LES MIROIRS, 18 AVENUE D'ALSACE, F-92400 COURBEVOIE France

(72)Name of Inventor :

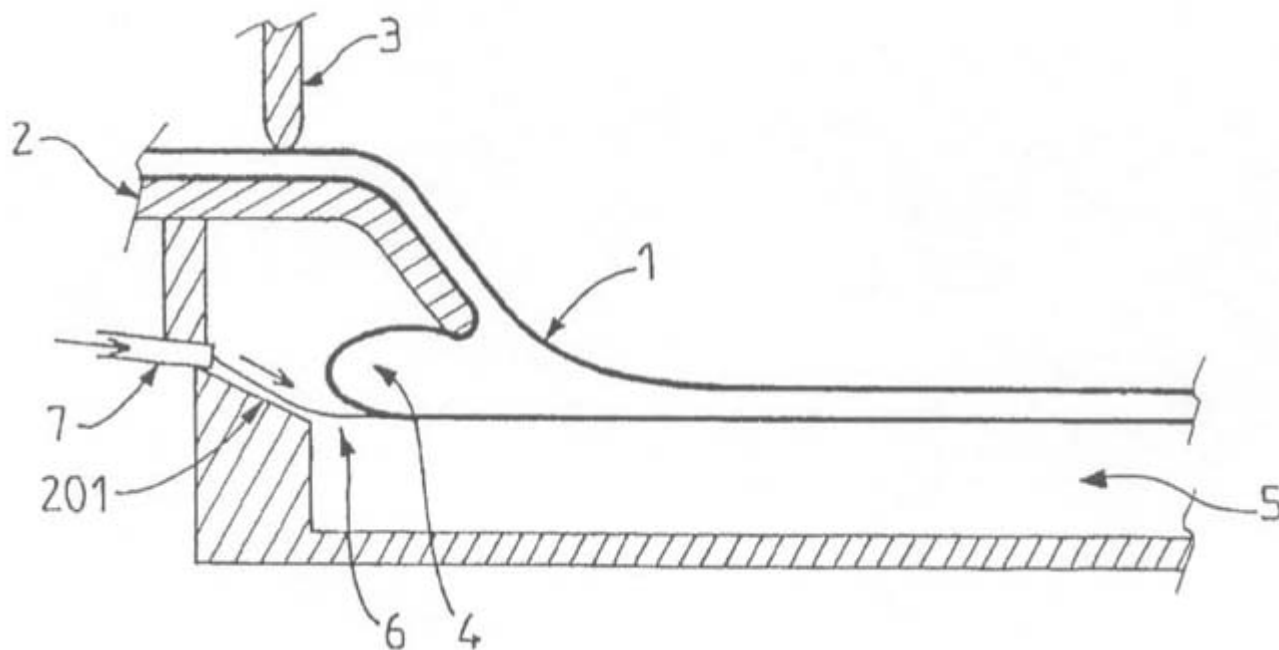
1)COBO HEDILLA, ANGEL-FRANCISCO**2)GOULAS, CATHERINE****3)LEMAILLE, MAURICE**

No of Pages : 30

No of Claims : 30

(57) Abstract :

The invention relates to a method and a device for the production of flat glass, comprising the continuous flotation of molten glass (1) on a molten metal bath (5) in a float installation, whereby the float glass gradually forms a moving ribbon on said metal bath without having any fixed point in the installation. For said purpose, molten metal can be poured at points (6) which can be fixed points and, in particular, at the most upstream float point located on the longitudinal axis of the bath. The glass can be a glass-ceramic precursor glass. According to the invention, it is possible to produce large glass-ceramic plates, greater than 75 cm, as well as very fine plates, thinner than 3 mm.



(54) Title of the invention : SPECTROPHOTOMETER WITH DIGITAL CAMERA

(51) International classification :G01N 21/25
 (31) Priority Document No :60/531,530
 (32) Priority Date :19/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/042536
 Filing Date :17/12/2004
 (87) International Publication No :WO/2005/062804
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

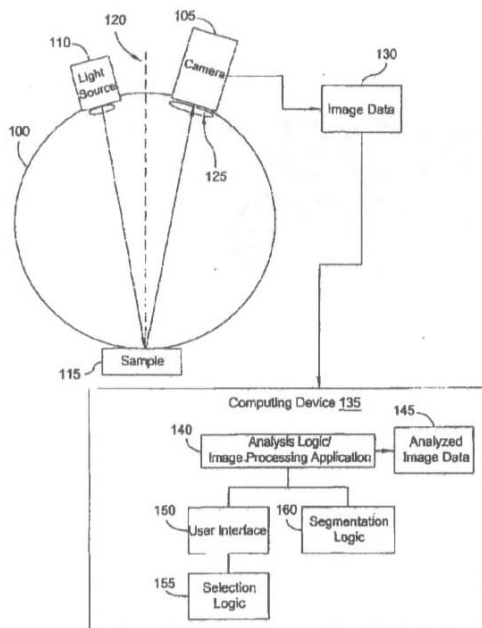
(71)Name of Applicant :
1)DATACOLOR HOLDING AG
 Address of Applicant :OBERGRUNDSTRASSE 110, CH-6002
 LUZERN Switzerland
 (72)Name of Inventor :
1)INGLESON ALAN
2)SLOCUM DAVID
3)BRILL MICHAEL H

No of Pages : 27

No of Claims : 22

(57) Abstract :

Systems, methodologies, media, and other embodiments associated with color measuring are described. One exemplary system embodiment includes a spectrophotometer, one or more light sources for illuminating an interior of the spectrophotometer, and a digital camera configured at a port of the spectrophotometer and being configured to measure light components from a sample. In the present invention, segmentation logic is provided for the spectrophotometer that is configured to employ computational image segmentation to characterize specular reflection from a sample and to characterize a selected patch or portion from the test sample, such as a selected color in a multicolor pattern. In accordance with the present invention, the spectrophotometer and the included digital camera may be color-characterized in situ.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1874/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/07/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : ANTIAGING COMPOSITiON

(51) International classification	:A61K 8/19 A61K 8/27 A61K 8/29	(71)Name of Applicant : 1)KANEKA CORPORATION Address of Applicant :2-4, NAKANOSHIMA 3-CHOME, KITA-KU, OSAKA-SHI, OSAKA 5308288 Japan
(31) Priority Document No	:2004-002863	(72)Name of Inventor :
(32) Priority Date	:08/01/2004	1)FUJII KENJI
(33) Name of priority country	:Japan	2)KAWABE TAIZO
(86) International Application No	:PCT/JP2005/000430	3)KUBO HIROSHI
Filing Date	:07/01/2005	4)HIGUCHI KEIICHI
(87) International Publication No	:WO/2005/065672	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 7

(57) Abstract :

The object of the present invention is to provide a composition which is effective in retarding or preventing the development of energy decrease, appearance change, etc. of humans and animals due to aging, and is highly safe even with a long period of taking. The present invention relates to an antiaging composition which comprises reduced coenzyme Q as an active ingredient. By feeding mice which develop the aging symptom early (aging-accelerated model mice) with a feed containing reduced coenzyme Q10 for a long period of time, aging process was prevented and retarded. Furthermore, aging-accelerated model mice fed with reduced coenzyme Q10 for a long period of time showed no toxic symptom, thus it was found that the antiaging composition comprising a composition containing said substance can be made into a safe antiaging composition capable of being taken for a long period of time.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1875/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/07/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : VACUUM TOILET FOR VEHICLES

(51) International classification	:B60R 15/04 , B61D 35/00 , A47K 11/00	(71) Name of Applicant : 1)EVAC GMBH
(31) Priority Document No	:10 2004 049 823.7	Address of Applicant :HAFENSTRASSE 32a, D-22880 WEDEL
(32) Priority Date	:13/10/2004	FEDERAL Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2005/010963	1)WORMCKE, HANS
Filing Date	:12/10/2005	
(87) International Publication No	:WO/2006/040138	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 6

No of Claims : 1

(57) Abstract :

The invention relates to a vacuum toilet for vehicles, comprising a WC bowl with a seat and a cover in addition to functional parts for supplying rinsing water for the production and for the use of a vacuum, using compressed air for the creation of said vacuum, using electric energy and also for a program control unit, in addition to control elements and sensors, actuating elements, indicators and the like. All elements are embodied in the form of modules or as independent structural elements and are provided with socket and plug connection elements for electrical connection to signal and energy conductors. The program control unit is exclusively connected to one of the elements and respectively adjacent elements are connected to each other and can receive control signals and respond thereto or forward said signals to other elements (plug and play system).

(54) Title of the invention : ACYLAMINOTHIAZOLE DERIVATIVES PREPARATION METHOD THEREOF AND USE OF SAME IN THERAPEUTICS

(51) International classification :A61K 31/4439
 (31) Priority Document No :0400387
 (32) Priority Date :16/01/2004
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2005/000032
 Filing Date :07/01/2005
 (87) International Publication No :WO/2005/073226
 (61) 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 F-75013 PARIS

France

(72)Name of Inventor :

1)BALTZER SYLVIE

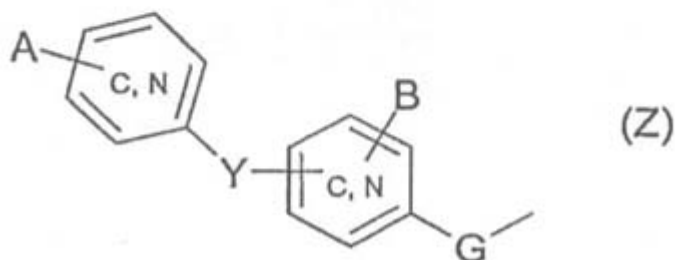
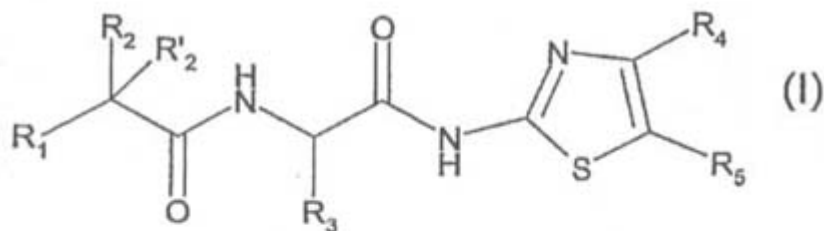
2)VAN DORSSELAER VIVIANE

No of Pages : 54

No of Claims : 11

(57) Abstract :

The invention relates to a compound having general formula (I), wherein: R1 represents either an optionally-substituted C1-6 alkyl or a C3-7 cycloalkyl, a thiophene, a benzothiophene, a pyridinyl, a furanyl or a phenyl which is optionally substituted; R2 and R'2 represent, independently of each other, a hydrogen atom, a halogen atom, a hydroxy, a C1-3 alkoxy, a C1-3 alkyl, a C3-7 cycloalkyl, a O-C(O)-C1-6 alkyl group, or R2 and R'2 together form an oxo group; R3 represents a hydrogen atom, a C1-6 alkyl which is optionally substituted by a hydroxy, a C1-6 cycloalkyl or a C1-3 alkoxy; either R4 or R5 represents a group (Z) and either R4 or R5 represents a -C(X)R6 group; G represents a single bond or a -CH2- group; Y represents a single bond, an oxygen atom, a sulphur atom, an optionally-substituted C1-4 alkylene group or -N(W)-; A and B represent, independently of each other, a hydrogen atom, a halogen atom, a hydroxy group, C1-3 alkyl, C1-3 alkoxy, trifluoromethyl, trifluoromethoxy or -O-CHF2; X represents O or S; R6 represents an optionally-substituted C1-6 alkoxy group, hydroxy or -NR7R8; and R7 and R8 represent, independently of each other, either a hydrogen atom, an optionally-substituted C1-6 alkyl group, an optionally-substituted C3-7 cycloalkyl group, C1-6 alkoxy or phenyl which is optionally substituted, or R7 and R8, together with the nitrogen atom bearing same, form an aziridine, azetidine, pyrrolidine, piperidine, morpholine or benzopiperidine ring. The inventive compound takes the form of a base, an acid addition salt or a hydrate. The invention also relates to the use of said compound in therapeutics



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1877/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/07/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : USE OF TREPROSTINIL TO IMPROVE KIDNEY FUNCTIONS

(51) International classification	:A61K 31/5575
(31) Priority Document No	:60/529,621
(32) Priority Date	:16/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/042119
Filing Date	:16/12/2004
(87) International Publication No	:WO/2005/058329
(61) 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 THERAPEUTICS CORPORATION
Address of Applicant :1735, CONNECTICUT AVENUE, N.W.,
THIRD FLOOR, WASHINGTON, D.C. 20009 U.S.A.

(72)**Name of Inventor :**
1)WADE, MICHAEL
2)JEFFS, ROGER ANDREW
3)BRONSTEIN, KATHRYN
4)STROOTMAN, DEBORAH

No of Pages : 16

No of Claims : 26

(57) Abstract :

The present invention describes novel methods for using Treprostinil or its derivative, or a pharmaceutically acceptable salt thereof, for improving kidney functions, such as urine output, and treating symptoms associated with kidney malfunction or failure. The invention also relates to kits for the improvement of kidney functions and the treatment of symptoms associated with kidney malfunction or failure, comprising an effective amount of Treprostinil or its derivative, or a pharmaceutically acceptable salt thereof.

(54) Title of the invention : USE OF TREPROSTINIL TO TREAT AND PREVENT ISCHEMIC LESIONS

(51) International classification :A61K 31/191
 (31) Priority Document No :60/529,622
 (32) Priority Date :16/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/042283
 Filing Date :16/12/2004
 (87) International Publication No :WO/2005/058303
 (61) 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 THERAPEUTICS CORPORATION
 Address of Applicant :1735, CONNECTICUT AVENUE, N.W. THIRD
 FLOOR, WASHINGTON D.C. 20009 U.S.A.
 (72)Name of Inventor :
1)WADE, MICHAEL
2)JEFFS, ROGER ANDREW
3)ROSCIGNO, ROBERT
4)STROOTMAN, DEBORAH
5)BRONSTEIN, KATHRYN

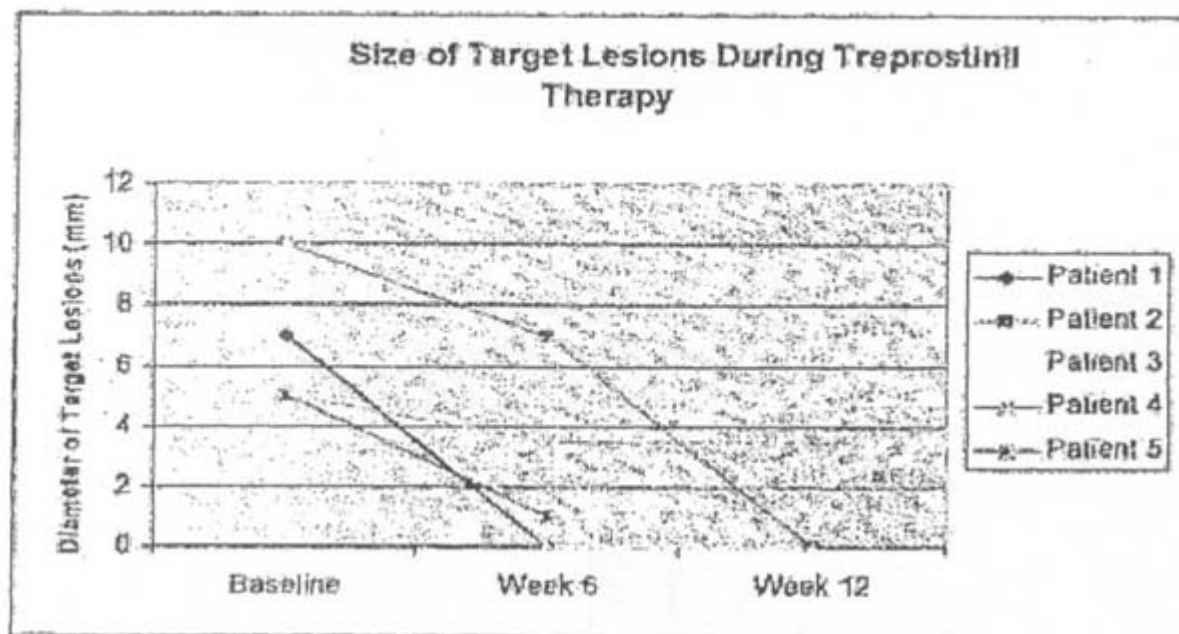
No of Pages : 42

No of Claims : 33

(57) Abstract :

The present invention describes novel methods for using Treprostinil or its derivative, or a pharmaceutically acceptable salt thereof, for the treatment and/or prevention of ischemic lesions, such as digital ulcers, in subjects with scleroderma (including systemic sclerosis), Buerger's disease, Raynaud's disease, Raynaud's phenomenon and/or other conditions that cause such lesions. The invention also relates to kits for treatment and/or prevention of ischemic lesions, comprising an effective amount of Treprostinil or its derivative, or a pharmaceutically acceptable salt thereof.

Size of Target Lesions During Treprostinil Therapy



(54) Title of the invention : METHOD AND SYSTEM FOR SERVICE NODE REDUNDANCY

(51) International classification	:H04L 12/24,H04Q 3/00	(71) Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant :S-164 83 Stockholm Sweden
(31) Priority Document No	:10/729,466	(72) Name of Inventor :
(32) Priority Date	:06/12/2003	1)LOO, William
(33) Name of priority country	:U.S.A.	2)KRLEZA-LESKO, Maja
(86) International Application No	:PCT/IB2004/052661	
Filing Date	:03/12/2004	
(87) International Publication No	:WO/2005/057952	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 22

No of Claims : 15

(57) Abstract :

A method and processing node for processing node redundancy, wherein an unavailability of a processing node is first detected, and the linkset route to the unavailable node is inhibited by sending Transfer Prohibited (TFP) messages to Signal Transfer Point (STPs) adjacent to the unavailable node. Transfer Allowed (TFA) messages are sent to the STPs in order to enable an alternate linkset route to the secondary processing node, i.e. the standby backup node. A Virtual Service Address (VSA) is reassigned from the unavailable primary node to the remaining node that takes over the processing of the unavailable node and thus becomes the primary processing node. The unavailability of the processing node may be detected via a heartbeat mechanism between the two redundant nodes, or via receipt of TFP messages from the adjacent STPs. The method and processing node may be used in a hot standby configuration or in a load sharing configuration.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1880/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :05/07/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : ANION ABSORBING CARBON MATERIAL, AS WELL AS MANUFACTURING METHDO AND MANUFACTURING FACILITIES FOR SAME

(51) International classification	:B01J 41/18	(71) Name of Applicant :
(31) Priority Document No	:2003-407705	1)NISSHOKU CORPORATION
(32) Priority Date	:05/12/2003	Address of Applicant :573-1, TAKAO TSUYAMA-SHI, OKAYAMA
(33) Name of priority country	:Japan	7088652 Japan
(86) International Application No	:PCT/JP2005/018058	(72) Name of Inventor :
Filing Date	:03/12/2004	1)HAYASHI, Satoshi
(87) International Publication No	:WO/2005/053846	2)YOKOYAMA, Rei
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 67

No of Claims : 18

(57) Abstract :

Disclosed is a low-cost, environmentally friendly anion-adsorbing carbon material which is excellent in anion absorption. Also disclosed are a method and apparatus for producing such an anion-adsorbing carbon material. The present invention is characterized in that a raw material of plant origin is carbonized after being brought into contact with a solution containing calcium ions and then the resulting is brought into contact with an acid solution.

(54) Title of the invention : RECORDING MEDIUM AND METHOD AND APPARATUS FOR REPRODUCING AND RECORDING TEXT SUBTITLE STREAMS

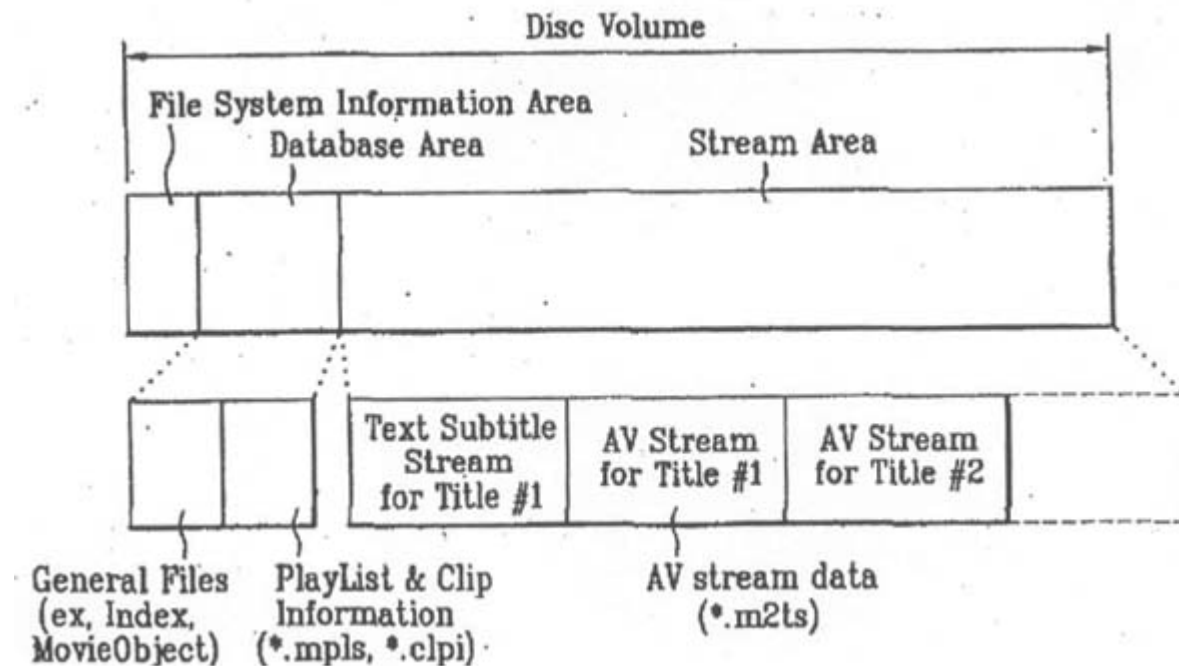
(51) International classification	:H04N 5/85 ,H04N 9/82	(71)Name of Applicant : 1)LG ELECTRONICS INC.
(31) Priority Document No	:10-2004-0000633	Address of Applicant :20,YOIDO-DONG,YOUNGDUNGPO-GU,
(32) Priority Date	:06/01/2004	SEOUL 150-721,REPUBLIC OF KOREA Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:PCT/KR2005/000013	1)SEO KANG SOO
Filing Date	:04/01/2005	2)KIM BYUNG JIM
(87) International Publication No	:WO2005/065055A3	3)YOO JEA YONG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 51

No of Claims : 23

(57) Abstract :

A recording medium and method and apparatus for reproducing and recording text subtitle streams are disclosed. The text subtitle stream includes a dialog style segment defining a set of region styles and at least one dialog presentation segment. Each dialog style segment contains at least one region of dialog text, where each region of dialog text includes link information configured to link each region of dialog text to one of the set of region styles defined in the dialog style segment. For example, the link information is a region style identification which uniquely identifies the region style linked to each region of dialog text. When each region of dialog text is reproduced, the region style identified by the region style identification is applied.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1882/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/07/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : SUBSTITUTED PIPERAZINES

(51) International classification	:C07D231/12
(31) Priority Document No	:10/732,897
(32) Priority Date	:09/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/041509
Filing Date	:08/12/2004
(87) International Publication No	:WO 2005/056015
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CHEMOCENTRYX, INC.

Address of Applicant :850 MAUDE AVENUE, MOUNTAIN VIEW
CALIFORNIA 94043 U.S.A.

(72)Name of Inventor :

1)PENNELL, ANDREW, M., K.

2)AGGEN, JAMES B.

3)WRIGHT, J., J. KIM

4)SEN, SUBHABRATA

5)MCMASTER, BRIAN, E.

6)DAIRAGHI, DANIEL, JOSEPH

7)CHEN, WEI

8)ZHANG, PENGLIE

No of Pages : 549

No of Claims : 78

(57) Abstract :

Compounds are provided that act as potent antagonists of the CCR1 receptor, and have in vivo anti-inflammatory activity. The compounds are generally aryl piperazine derivatives and are useful in pharmaceutical compositions, methods for the treatment of CCR1-mediated diseases, and as controls in assays for the identification of competitive CCR1 antagonists.

(54) Title of the invention : A BEAM SPLITTER

(51) International classification	:F24J 2/07,G02B 27/10
(31) Priority Document No	:2003907028
(32) Priority Date	:18/12/2003
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2004/001780
Filing Date	:17/12/2004
(87) International Publication No	:WO 2005/060009
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THE UNIVERSITY OF SYDNEY

Address of Applicant :PARRAMATTA ROAD, SYDNEY NEW SOUTH WALES, 2006, AUSTRALIA Australia

(72)Name of Inventor :

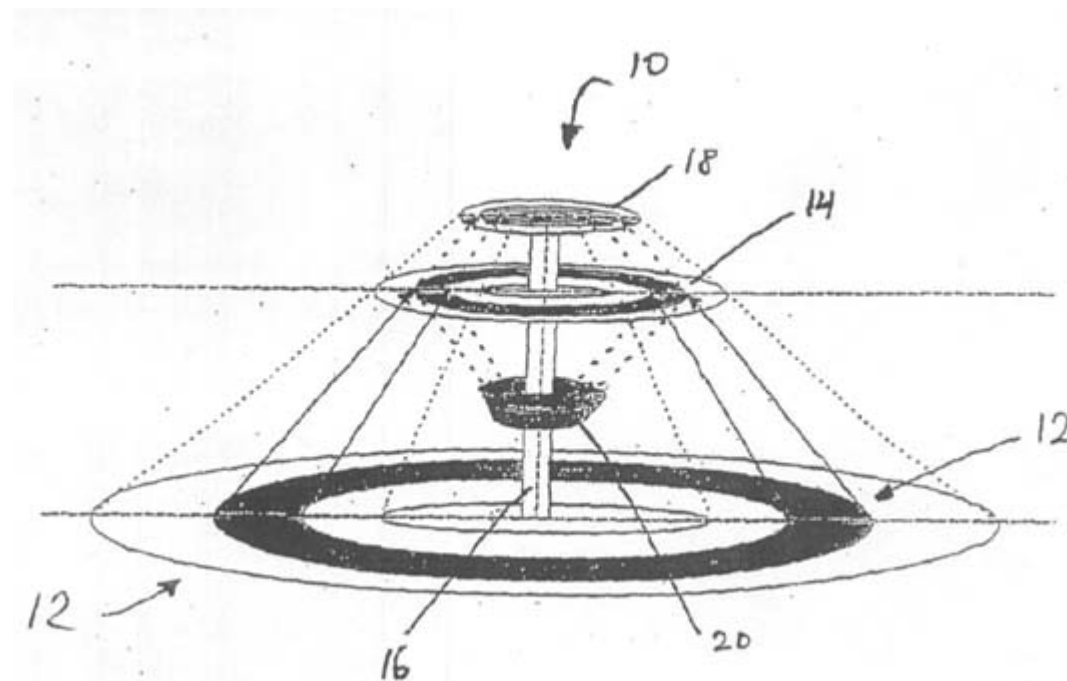
1)MILLS, DAVID**2)SCHRAMEK, PHILIPP****3)Bosi, Stephen G****4)IMENES, ANNE GRED**

No of Pages : 43

No of Claims : 33

(57) Abstract :

The present invention provides a beam splitter that comprising a body having at least one substantially flat surface. The surface has surface regions arranged to receive radiation at respective incidence angle ranges. At least some of the incidence angle ranges of the radiation received by the respective surface regions differ from one another and each surface region has a respective optical property such that the influence of the respective incident angle range on the wavelength range of reflected and/or transmitted radiation is reduced.



(54) Title of the invention : RECORDING MEDIUM HAVING A DATA STRUCTURE FOR MANAGING REPRODUCING OF DATA STREAMS RECORDED THEREON AND RECORDING AND REPRODUCING METHODS AND APPARATUSES

(51) International classification :G11B 7/007
 (31) Priority Document No :10-2004-0002391
 (32) Priority Date :13/01/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2004/002616
 Filing Date :13/10/2004
 (87) International Publication No :WO 2005/067399
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

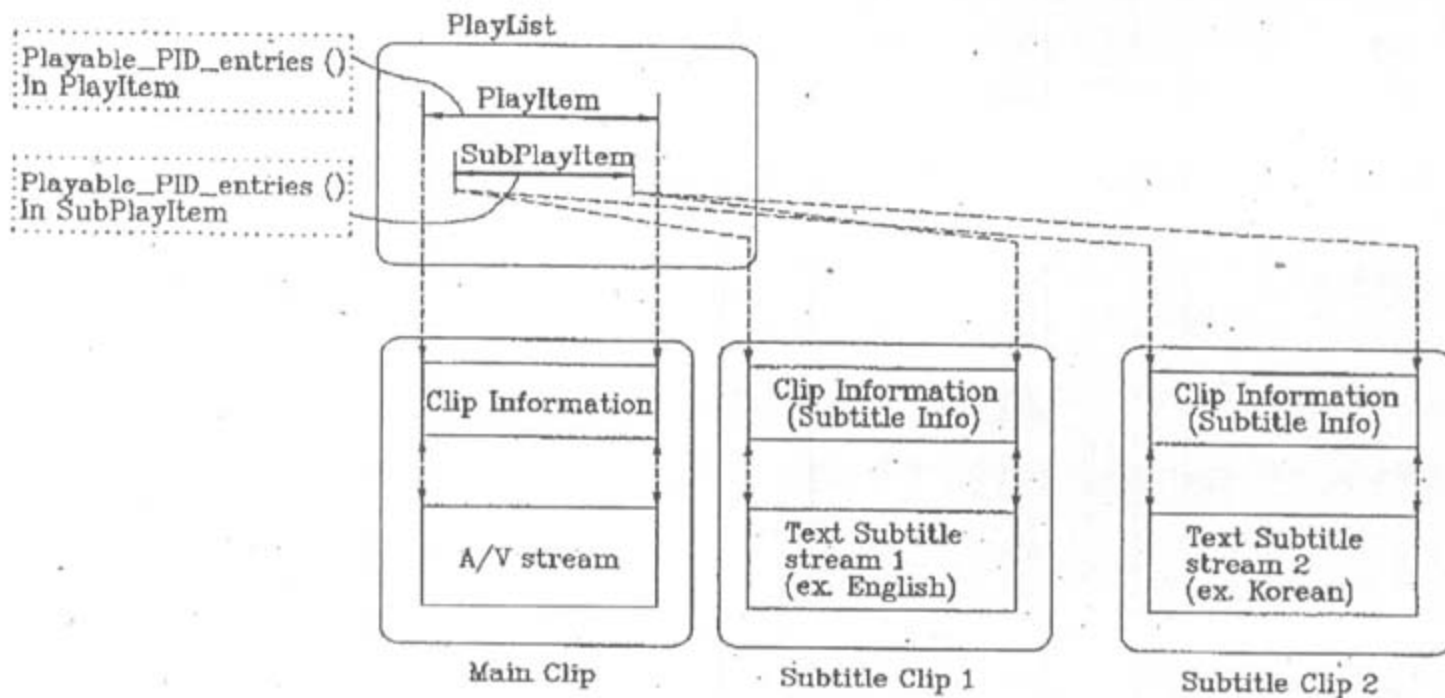
(71)Name of Applicant :
1)LG ELECTRONICS INC.,
 Address of Applicant :20, YOIDO-DONG, YOUNGDUNGPO-GU,
 SEOUL 150-721, REPUBLIC OF KOREA Republic of Korea
 (72)Name of Inventor :
1)SEO KANG SOO
2)KIM BYUNG JIM
3)YOO JEA YONG

No of Pages : 34

No of Claims : 20

(57) Abstract :

In the data structure for managing reproduction of data streams recorded on the recording medium, a playlist including a streams table, a playitem and a sub-playitem is provided. The playitem includes information for managing reproduction of a main data stream of data packets, and the sub-playitem includes information for managing reproduction of at least one supplemental data stream of data packets. The streams table provides a list of packet identifiers in the data packets of the main and supplemental data streams



(54) Title of the invention : DERIVATIVES OF N-' (1,5-DIPHENYL-1 H-PYRAZOL-3-YL) SUPHONAMIDE WITH CB1 RECEPTOR AFFINITY

(51) International classification :C07D 231/12
 (31) Priority Document No :0400257
 (32) Priority Date :12/01/2004
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2005/000031
 Filing Date :07/01/2005
 (87) International Publication No :WO 2005/073197
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

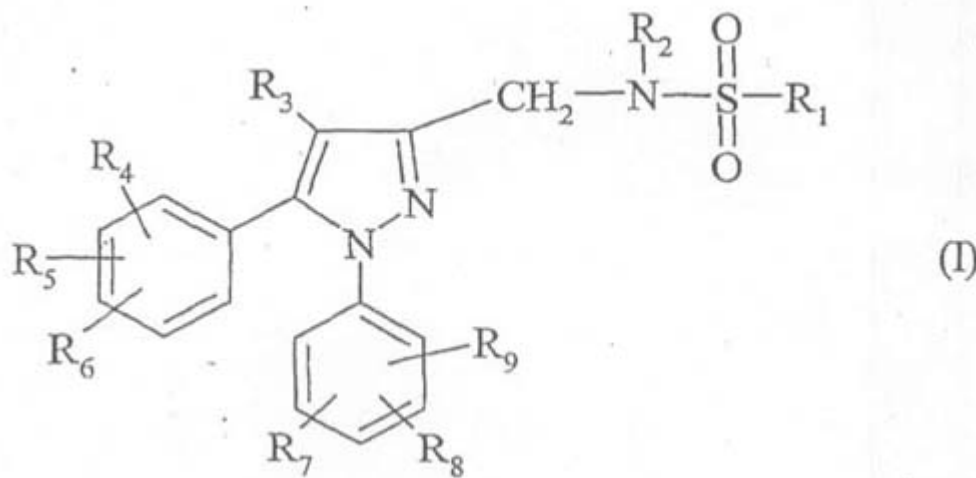
(71)Name of Applicant :
1)SANOFI-AVENTIS
 Address of Applicant :174, AVENUE DE FRANCE F-75013 PARIS
 FRANCE France
 (72)Name of Inventor :
1)BARTH FRANCIS
2)CONGY CHRISTIAN
3)MARTINEZ SERGE
4)RINALDI-CARMONA MURIELLE

No of Pages : 57

No of Claims : 7

(57) Abstract :

The invention relates to compounds having formula (I), the preparation method thereof and the use of same in therapeutics, wherein: R1 represents a (C1-C6)alkyl, a (C3-C7)cycloalkyl which is unsubstituted or is mono- or poly-substituted, a (C3-C7)cycloalkylmethyl which is unsubstituted or is mono- or poly-substituted, a phenyl which is unsubstituted or substituted; a benzyl which is unsubstituted or is mono- or disubstituted, a thienyl which is unsubstituted or substituted; R2 represents a hydrogen atom or a (C1-C3)alkyl; R3 represents a hydrogen atom or a (C1-C5)alkyl; R4, R5, R6, R7, R8 and R9 each represent, independently of each other, a hydrogen atom, a halogen atom, a (C1-C7)alkyl, a (C1-C5)alkoxy, a trifluoromethyl radical or a S(O)nAlk group; n represents 0, 1 or 2; and Alk represents a (C1-C4)alkyl. The invention also relates to the preparation method thereof and to the use of same in therapeutics.



(54) Title of the invention : EL SHEET AND MEMBER FOR LIGHTING PRESS BUTTON SWITCH

(51) International classification :H05B 33/22
 (31) Priority Document No :2004-041707
 (32) Priority Date :18/02/2004
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2005/002315
 Filing Date :16/02/2005
 (87) International Publication No :WO 2005/079120
 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)SHIN-ESTU POLYMER CO.,LTD.Address of Applicant :3-5 NIHONBASHI-HONCHO 4-CHOME
CHUO-KU,TOKYO 103-0023, JAPAN Japan

(72)Name of Inventor :

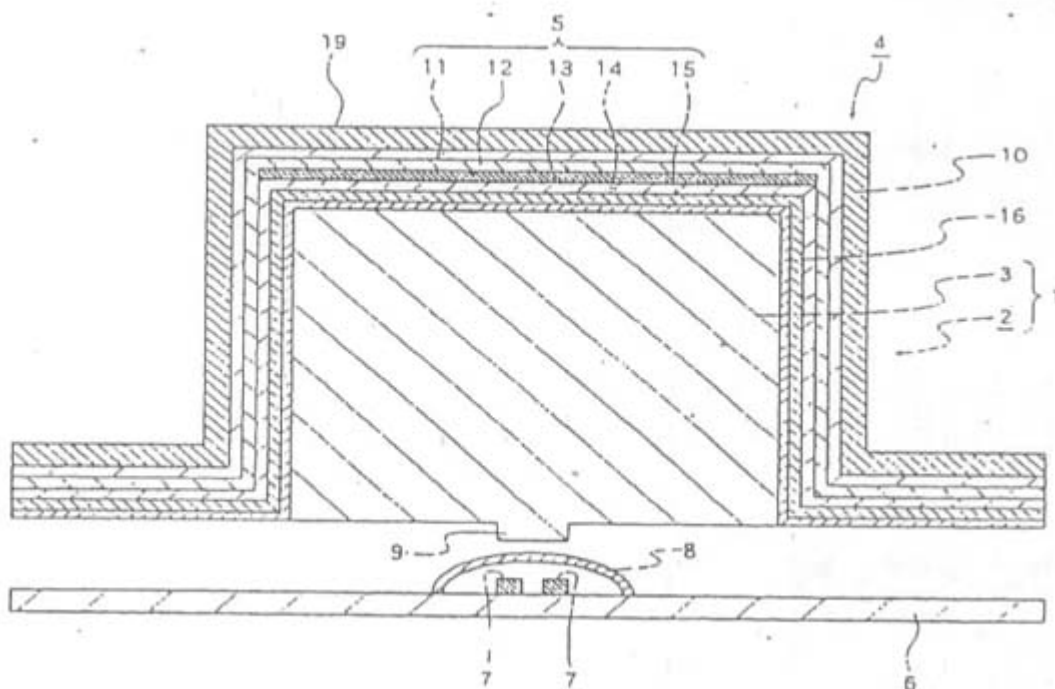
1)HOTTA SHINJI**2)YAMADA SHUNICHI**

No of Pages : 79

No of Claims : 44

(57) Abstract :

An EL sheet that even when worked into a three-dimensional shaped item by drawing, etc., realizes reduction of EL device troubles, such as lighting failure, and further realizes stable light emission for a prolonged period of time; and a relevant member for lighting press-button switch. There is provided an EL laminate sheet comprising counter electrode layer (15), dielectric layer (14), light emitter layer (13) and transparent electrode layer (11). A conductive polymer is used in the transparent electrode layer, and adhesive layer (12) of an adhesive highly adherent to the conductive polymer is interposed between the transparent electrode layer (11) and the light emitter layer (13). A polyester, acrylic, cyanoacrylate, polyolefin, ethylene/vinyl acetate or ethylene/ethyl acrylate base adhesive is used as the highly adherent adhesive. The dielectric layer is comprised of a fluorinated, polyester or acrylic resin base binder. In order to enhance the durability in high temperature high humidity atmosphere, second dielectric layer (17) and/or second counter electrode layer (17) that is capable of preventing any ion diffusion is interposed.



(54) Title of the invention : OPTICALLY ACTIVE QUATERNARY AMMONIUM SALT HAVING AXIAL ASYMMETRY AND PROCESS FOR PRODUCING (ALPHA)-AMINO ACID AND DERIVATIVE THEREOF WITH THE SAME.

(51) International classification :C07D 223/14
 (31) Priority Document No :2004-023317
 (32) Priority Date :30/01/2004
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2005/001623
 Filing Date :27/01/2005
 (87) International Publication No :WO 2005/073196
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)NAGASE & CO., LTD.

Address of Applicant :1-17, SHINMACHI, 1-CHOME, NISHIKU-KU, OSAKA-SHI, OSAKA 550-8668. Japan

(72)Name of Inventor :

1)MARUOKA, KEIJI

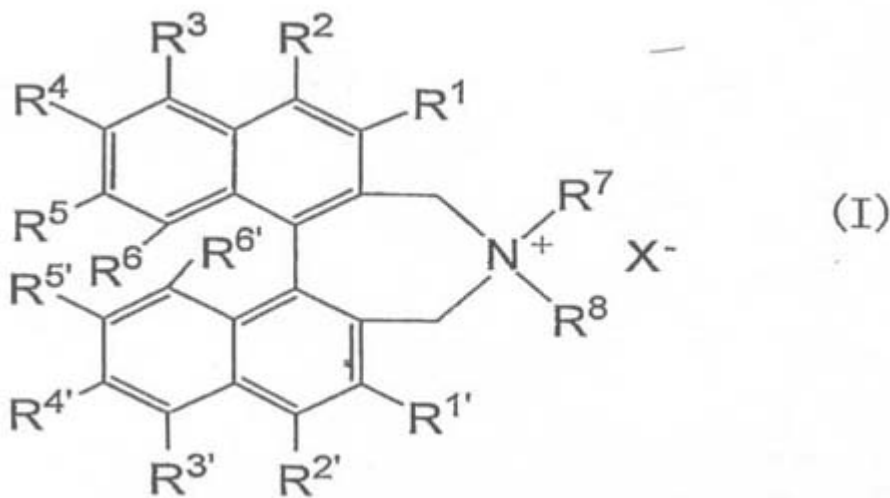
2)MARUOKA, KEIJI

No of Pages : 302

No of Claims : 30

(57) Abstract :

A compound of the following formula (I). This compound (I) can be produced by reacting a 1,1'-binaphthyl 2,2'-dimethylenebro-tinide derivative which can be produced through a relatively small number of steps with an easily available secondary amine. The compound (I) is useful as a chiral phase-transfer catalyst.



(54) Title of the invention : A SERVICE SCHEDULING UNIT & METHOD & NBSP THEREOF

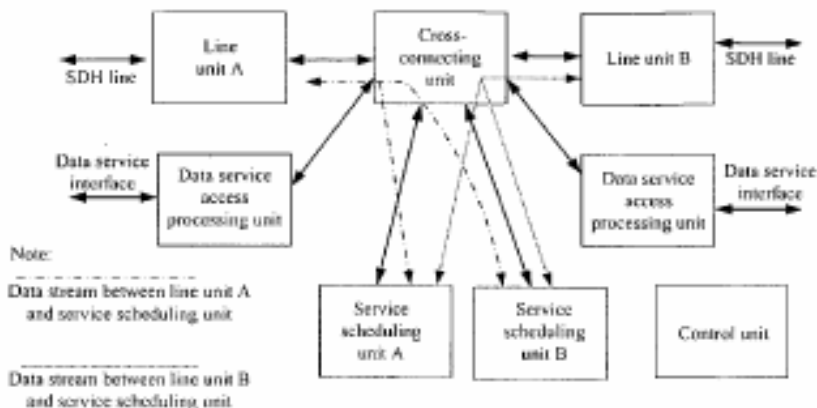
(51) International classification	:C07C 227/10	(71)Name of Applicant :
(31) Priority Document No	:200310121797.2	1)HUA WEI TECHNOLOGIES CO., LTD.
(32) Priority Date	:24/12/2003	Address of Applicant :HUAWEI ADMINISTRATION BUILDING,
(33) Name of priority country	:China	BANTIAN LONGGANG DISTRICT SHENZHEN, GUANGDONG
(86) International Application No	:PCT/CN2004/001494	PROVINCE 518129 P.R.CHINA China
Filing Date	:22/12/2004	(72)Name of Inventor :
(87) International Publication No	:WO2005062513	1)HE, Jianfei
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 31

No of Claims : 14

(57) Abstract :

This invention discloses a service scheduling unit and the method thereof, which performs scheduling for the packet service that comes from the line unit and the data service access processing unit in the digital communication system, and the service scheduling unit includes: a mapping module, a de-mapping module, an encapsulating module, a decapsulating module and a packet scheduling module. After entering the service scheduling unit, the services needing to be scheduled go through the mapping/de-mapping module and the encapsulating/decapsulating module., arrive at the scheduling module for final scheduling This method of scheduling the services can achieves the 1+1 or 1:1 protect function of the service scheduling module. The usage of this method can achieve different granularities of the mapping/de-mapping, different protocol encapsulating and can efficiently decrease the total cost of the system. 28

**Fig.7**

(54) Title of the invention : BREATHABLE WATERPROOF SOLE FOR SHOES

(51) International classification	:A43B 13/12,A43B 7/06
(31) Priority Document No	:PD 2003A 000312
(32) Priority Date	:30/12/2003
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2004/014717
Filing Date	:27/12/2004
(87) International Publication No	:WO 2005/063069
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GEOX S.P.A.Address of Applicant :Via Feltrina Centro, 16 31044
MONTEBELLUNA, Localita Biadana-(Treviso) Italy

(72)Name of Inventor :

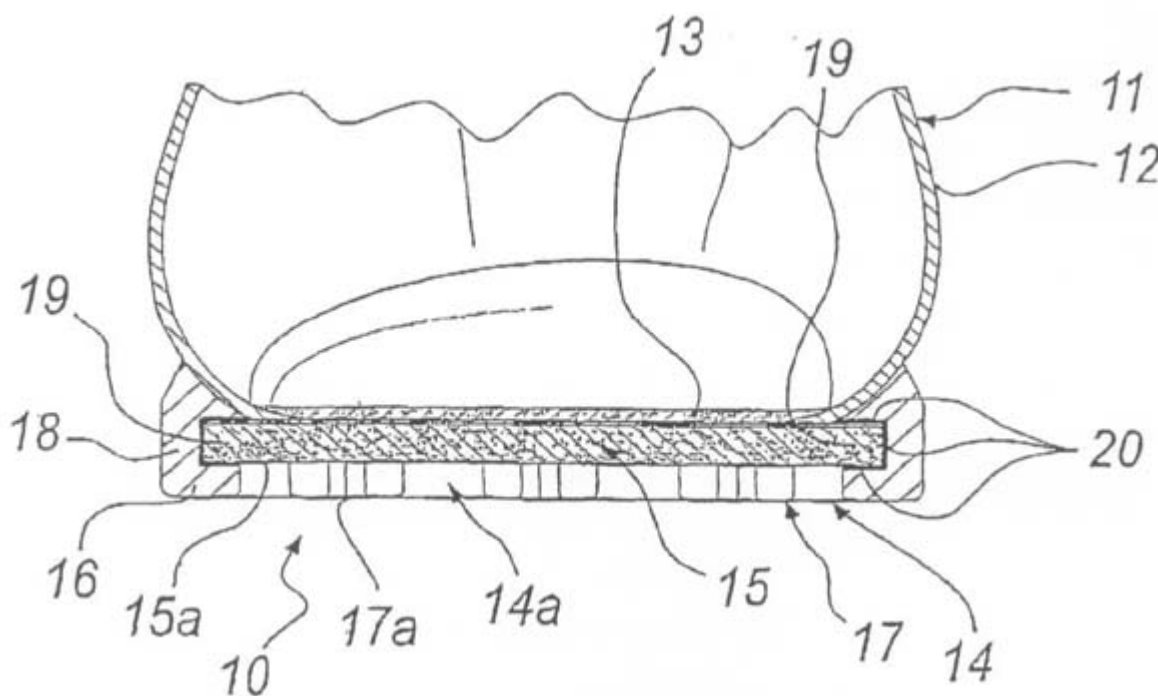
1)Mario POLEGATO MORETTI**2)Antonio FERRAESE****3)Bruno MATTIONI**

No of Pages : 22

No of Claims : 30

(57) Abstract :

A waterproof breathable sole for shoes (10), which comprises, for at least part of its extension, at least two structural layers, a lower one (14) provided with a supporting structure so as to form the tread, and an upper one (15, 215) that is permeable to water vapor. The lower layer (14) has portions (14a, 114a) that are open onto the upper layer (15, 215). A coating (21, 221) obtained by means of a plasma deposition treatment for waterproofing is provided on the upper layer. In this manner, a layer is obtained that has structural functions and characteristics of resistance to damage and is at the same time waterproof and breathable.



(54) Title of the invention : WATERPROOF VAPOR- PERMEABLE MULTILAYER ARTICLE

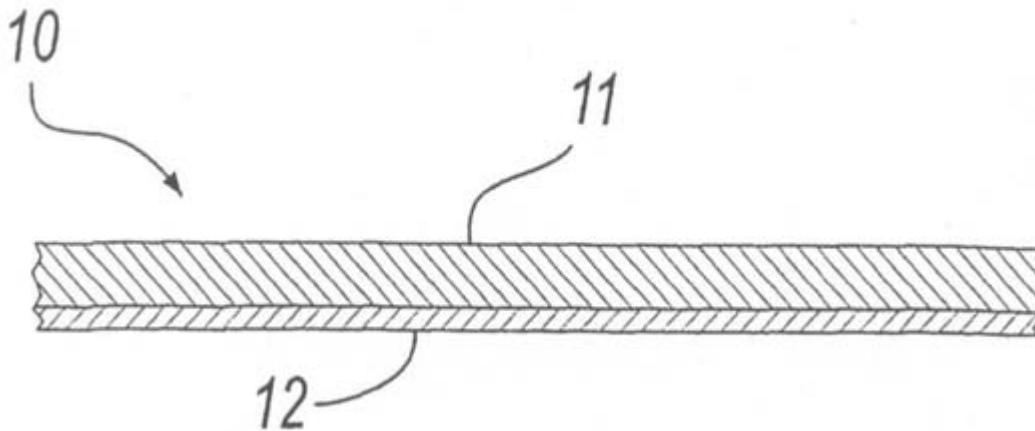
(51) International classification	:A43B7/12; A43B13/12	(71) Name of Applicant : 1)GEOX S.P.A. Address of Applicant :Via Feltrina Centro, 16 Localita Biadene - (Treviso) Italy
(31) Priority Document No	:PD 2003A000314	(72) Name of Inventor :
(32) Priority Date	:30/12/2003	1)Mario POLEGATO MORETTI
(33) Name of priority country	:Italy	2)Antonio FERRAESE
(86) International Application No	:PCT/EP2004/014	3)Bruno MATTIONI
Filing Date	:27/12/2004	
(87) International Publication No	:WO 2005/063070	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 18

No of Claims : 38

(57) Abstract :

A waterproof vapor-permeable multilayer article, comprising at least one first layer (11, 111, 211, 311) made of a material that is vapor-permeable and microporous and is at least partially hygroscopic or can assume hygroscopic characteristics over time, and at least one second layer (12, 112, 212, 312) that is waterproof and vapor-permeable.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1891/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/07/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : DISPOSABLE CONTAINERS COATED WITH A LATEX COATING

(51) International classification	:B05D 1/36, B29D 22/00, B29D 23/00	(71) Name of Applicant : 1)NOVA CHEMICALS INC. Address of Applicant :Westpointe Center, 1550 Coraopolis Heights Road Moon Township, PA 15108, U.S.A U.S.A.
(31) Priority Document No	:60/531,785	
(32) Priority Date	:22/12/2003	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US04/042703	1)David Allen Cowan
Filing Date	:16/12/2004	2)Jiansheng Tang
(87) International Publication No	:WO 2005/062825	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 24

(57) Abstract :

A molded thermoplastic container e.g. cup, bowl made from expandable thermoplastic particles e.g. expandable polystyrene, has a latex coating, e.g. latex of methyl methacrylate and styrene copolymer, latex of methyl acrylate and styrene copolymer, latex of acrylic acid and styrene copolymer, and latex of butadiene and styrene copolymer, applied to at least its inner surface via dipping, brushing or spraying processes for improved leakage and/or stain resistance and/or storage longevity. The coating may be applied to the outer surface of the container for leak resistance and printing purposes. A related method for forming the container, an article of manufacture, and an improved method for storing liquid and food substances are also disclosed.

(54) Title of the invention : LEFT-SIDE GLUCOSE LIPID A ANALOGUE

(51) International classification :C07H15/04;
A61K31/7028;
A61P9/14; A61P29
(31) Priority Document No :2004-002902
(32) Priority Date :08/01/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP 05/000434
Filing Date :07/01/2005
(87) International Publication No :WO 2005/066193
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SANKYO COMPANY, LIMITEDAddress of Applicant :5-1, Nihonbashi Honcho 3-chome Chuo-ku,
Tokyo 103-8426 Japan Japan

(72)Name of Inventor :

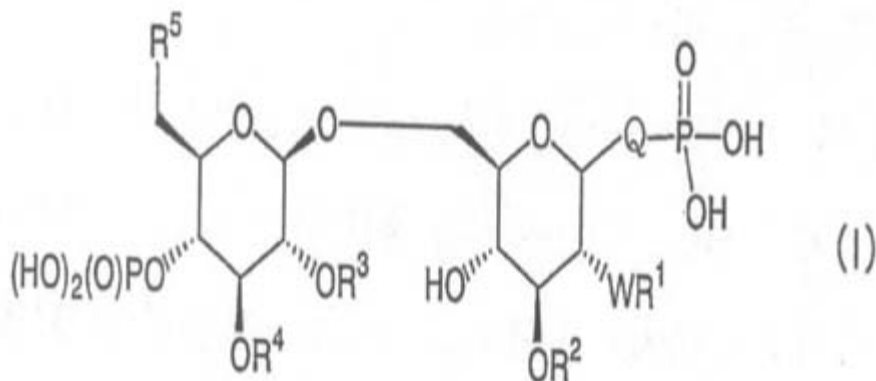
1)SHIOZAKI, Masao**2)SHIMOZATO, Takaichi**

No of Pages : 156

No of Claims : 25

(57) Abstract :

A compound having the excellent function of inhibiting macrophage activity and represented by the following general formula: (I) [wherein Q is oxygen, C1-3 alkylene, -O-Alk-, or -O-Alk-O- (wherein Alk is C1-3 alkylene); R is optionally substituted C1-20 alkanoyl, optionally substituted C3-20 alkenoyl, or optionally substituted C3-20 alkynoyl; R, R, and R are the same or different and each is hydrogen, optionally substituted C1-20 alkyl, optionally substituted C2-20 alkenyl, optionally substituted C2-20 alkynyl, optionally substituted C1-20 alkanoyl, optionally substituted C3-20 alkenoyl, or C3-20 alkynoyl; R is hydrogen, halogeno, hydroxy, optionally substituted C1-6 alkoxy, optionally substituted C2-6 alkenyloxy, or optionally substituted C2-6 alkynyloxy; and W is oxygen or -NH-] or a pharmacologically acceptable salt of the compound.



(54) Title of the invention : CIRCUIT BOARD MOUNTING BRACKET

(51) International classification :H01R 4/66
 (31) Priority Document No :60/544,309
 (32) Priority Date :17/02/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/004016
 Filing Date :11/02/2005
 (87) International Publication No :WO2005/079249 A3
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

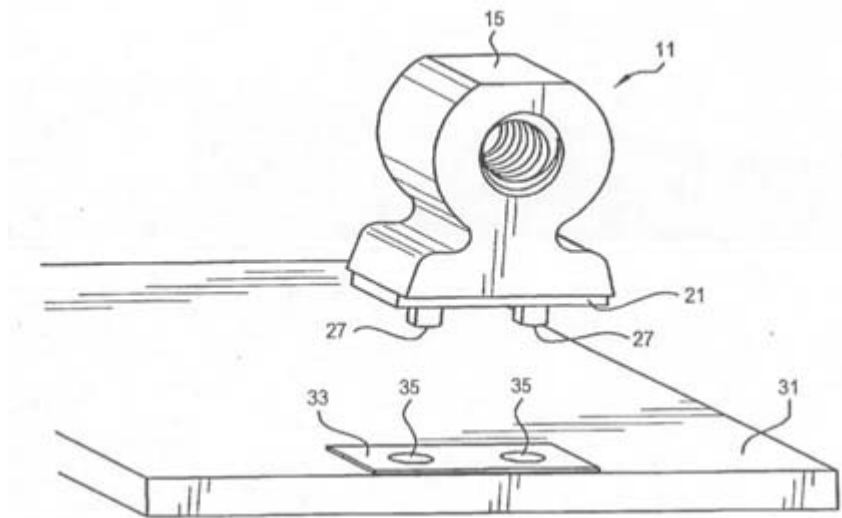
(71)Name of Applicant :
1)PEM MANAGEMENT,INC.
 Address of Applicant :300 Delaware Avenue,Suite
 1225,Wilmington,DE 19801 United States of America a U S Company
 U.S.A.
 (72)Name of Inventor :
1)BRUNO,DAVID,J

No of Pages : 10

No of Claims : 18

(57) Abstract :

A pick-and-place type circuit board mounting bracket is surface-mounted, or alternatively, soldered with reinforcing posts that occupy one or more through holes in the circuit board. The mounting face of the bracket is offset with respect to its mounting base to allow the face of the bracket to be sub-flush, flush, or extend beyond the edge of the circuit board. The front surface of the bracket is preferably perpendicular to the bottom surface and a longitudinal threaded bore extends through the main body to provide attachment means for affixing structures to the bracket. The posts which extend downwardly through the circuit board may have at least one planar side surface or a single rectangular post may be employed. The length of the posts is preferably less than the thickness of the circuit board for surface mount applications or long enough to extend through the circuit board for wave soldering.



(54) Title of the invention : DEVICE FOR HANDLING A CATHETER

(51) International classification :A61M 25/01, A61M 39/06
 (31) Priority Document No :102004001461.2
 (32) Priority Date :08/01/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2004/013701
 Filing Date :02/12/2004
 (87) International Publication No :WO2005/065762 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)HELMUT WOLLSCHLAGERAddress of Applicant :Gabrielstrasse 9,90480 Nurnberg Germany
Germany

(72)Name of Inventor :

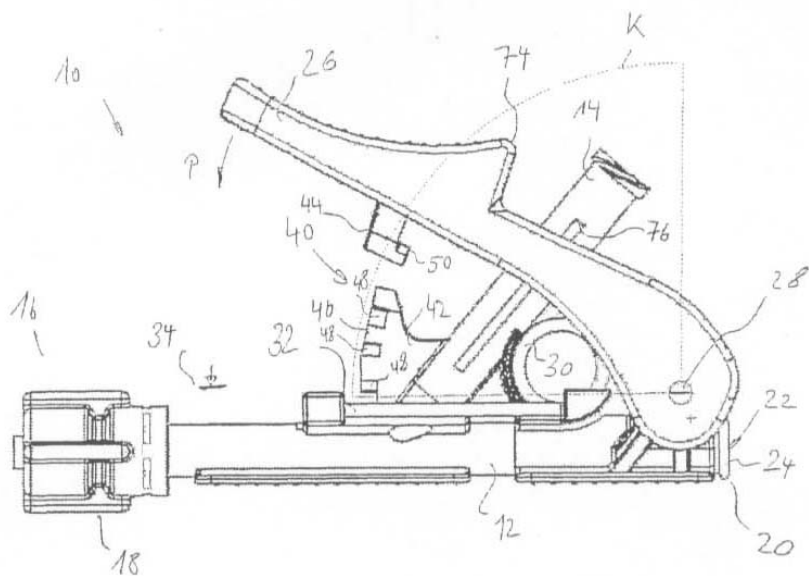
1)HELMUT WOLLSCHLAGER

No of Pages : 15

No of Claims : 7

(57) Abstract :

The invention relates to a device for operating a catheter comprising an elongated valve body (12), a lever arm (26), which is pretensioned by a spring element and which is pivotally mounted on the valve body (12) in order to be able to be pivoted out of a first final position against the pretensioning force of the spring element and into a second final position (34). The inventive device also comprises a plunger (24), which is accommodated inside the valve body (12) and which can be moved in the longitudinal direction by the lever arm (26) in order to open a sealing element inside the valve body (12) when the lever arm (26) is moved toward the second final position (34). The device additionally has a detent mechanism (40), which comprises an arresting device (42) and a detent tongue (50) that interacts therewith in order to hold the lever arm (26) in at least one detent position. The detent mechanism (40) is designed so that the arresting device (42) and the detent tongue (50) disengage when the lever arm (26) reaches the second final position (34) so that the spring element returns the lever arm (26) to the first final position.



(54) Title of the invention : A HEAT EXCHANGER PLATE AND A PLATE PACKAGE

(51) International classification :F28D9/00;
F28F3/04
(31) Priority Document No :0400626-8
(32) Priority Date :12/03/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2005/00031
Filing Date :03/03/2005
(87) International Publication No :WO 2005/088221
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

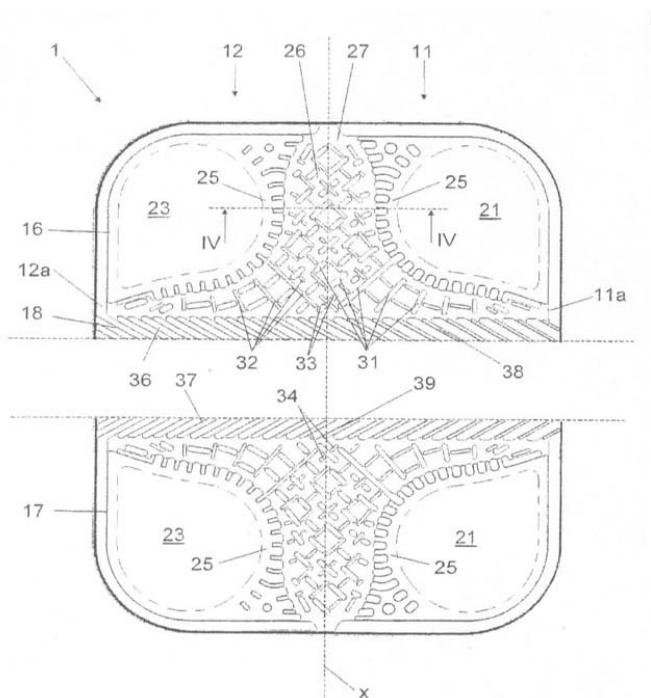
(71)Name of Applicant :
1)ALFA LAVAL CORPORATE AB
Address of Applicant : Box 73 SE-22100 Lund, Sweden
(72)Name of Inventor :
1)BJORNSSON, PETER,
2)EKELUND, ROLF

No of Pages : 22

No of Claims : 26

(57) Abstract :

The invention refers to a heat exchanger plate (1) and a plate package for a plate heat exchanger. The heat exchanger plate extends between a primary edge zone (11a) and a secondary edge zone (12a). A centre axis (x) divides the heat exchanger plate in a primary part (11) and a secondary part (12). The heat exchanger plate includes a first end area (16), a second end area (17), and a central heat transfer area (18) there between. A primary porthole (21) and a secondary porthole (23) extend through the plate in the first end area and are surrounded by the respective adjoining edge area (25). The primary porthole is located on the primary part and the secondary porthole on the secondary part. A distribution area (26) extends on the first end area and has a base surface (27) extending from the primary porthole to the central heat transfer area. The base surface is inclined and located at an upper level at an upper plane in the proximity of the edge area of the primary pothole and sinks successively to a lower level in the proximity of a lower plate plane at secondary edge zone.



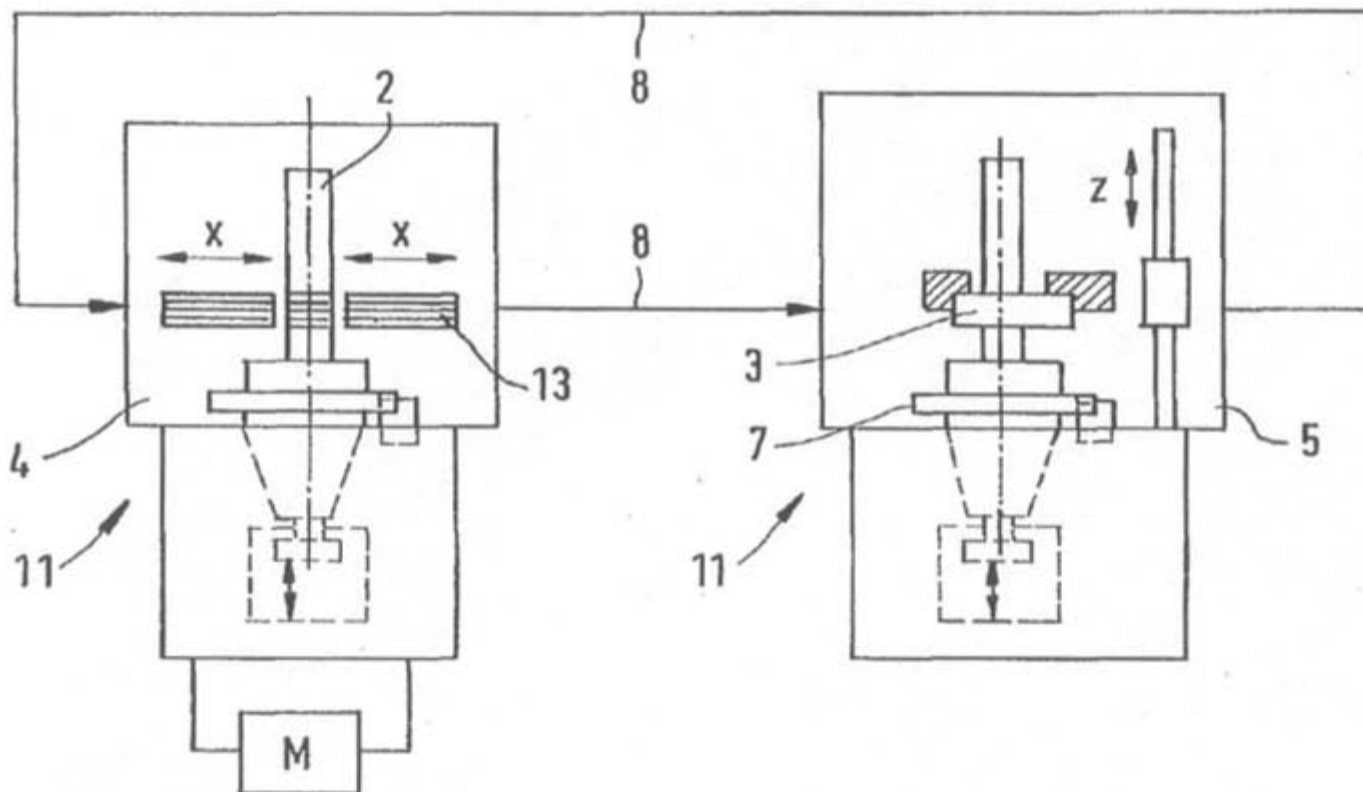
(51) International classification	:B21D 53/84,B23P11/00	(71)Name of Applicant : 1)BURGLER,Robert
(31) Priority Document No	:0400410.3	Address of Applicant :Spidach 238,F1-9491 Ruggell Liechtenstein
(32) Priority Date	:12/01/2004	Liechtenstein
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor : 1)BURGLER,Robert
(86) International Application No	:PCT/EP2004/013816	
Filing Date	:04/12/2004	
(87) International Publication No	:WO2005/066522 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 18

(57) Abstract :

An arrangement and method for producing a camshaft comprised of a shaft (2) and of a number of cams (3, 3', 3'') pressed thereon comprises at least two machining stations (11) of which at least one is provided in the form of burnishing station (4) and at least one is provided in the form of a press-on station (5). A shaft (2) is firstly fixed in a brandishing station (4) with the aid of a positioning element (7) fastened to the shaft, and the shaft is subsequently brandished. Afterwards, a cam (3) is pressed onto the shaft (2) in a press-on station (5). To this end, the press-on station (5) comprises a workpiece holder, which corresponds to the positioning element and which serves to provide a holding, particularly to provide an angle-precise holding, of the shaft (2) with the positioning element (7) fastened thereto.



(54) Title of the invention : ROCK DRILL BIT

(51) International classification	:E21B10/38; E21B10/36
(31) Priority Document No	:0303316-4
(32) Priority Date	:09/12/2003
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2004/001628
Filing Date	:10/11/2004
(87) International Publication No	:WO2005056972
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

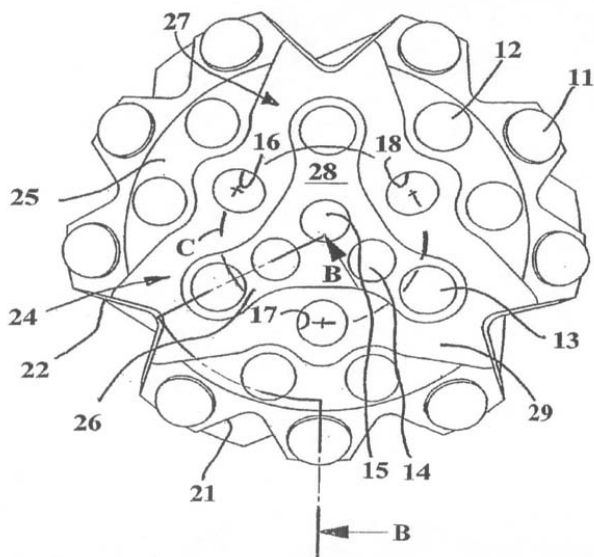
(71)**Name of Applicant :**
1)SANDVIK INTELLECTUAL PROPERTY AB
 Address of Applicant :S-81181 Sandviken Sweden
 (72)**Name of Inventor :**
1)BJORK, Fredrik

No of Pages : 12

No of Claims : 10

(57) Abstract :

The present invention relates to a rock drill bit (1) for percussive drilling. The drill bit comprises a bit body (2); a head portion (3) defining a longitudinal center axis (CL). The head portion comprises a front face (24) having an outer surface portion (25), and an inner surface portion (26) disposed radially inside of the outer surface portion. The inner surface portion is partially recessed by a cavity (27) with respect to the outer surface portion (25). A plurality of fluid channels (16-18) extends through the head portion and communicates with the cavity (27) for conducting a flushing medium thereto. The inner surface portion (24) comprises a raised portion (28) carrying a plurality of buttons (13-15). An imaginary circle (C) intersects centres of the fluid channels (16-18) and also intersects an equal number of buttons (13).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1899/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/07/2006

(43) Publication Date : 11/05/2007

(54) Title of the invention : PEG-URATE OXIDASE CONJUGATES AND USE THEREOF

(51) International classification	:A61K 47/48;C12N 9/06	(71) Name of Applicant : 1)MOUNTAIN VIEW PHARMA CEUTTCALS, INC., Address of Applicant :3475-S Edison Way, Menlo Park, CA 94025-1813 U.S.A.
(31) Priority Document No	:09/130,392	2)DUKE UNIVERSITY
(32) Priority Date	:06/08/1998	(72) Name of Inventor :
(33) Name of priority country	:U.S.A.	1)WILLIAMS, L, David
(86) International Application No	:PCT/US1999/17514	2)HERSHFIELD, Michael, S.
Filing Date	:02/08/1999	3)KELLY, Susan, J.
(87) International Publication No	:WO 2000/007629	4)SAIFER, Mark, G., P.
(61) Patent of Addition to Application Number	:IN/PCT/2001/133	5)SHERMAN, Merry, R.,
Filing Date		
(62) Divisional to Application Number	:01/02/2001	
Filing Date		

No of Pages : 30

No of Claims : 8

(57) Abstract :

A naturally occurring or recombinant urate oxidase (uricase) covalently coupled to poly(ethylene glycol) or poly(ethylene oxide) (both referred to as PEG), wherein an average of 2 to 10 strands of PEG are conjugated to each uricase subunit and the PEG has an average molecular weight between about 5 kDa and 100 kDa. The resulting PEG-uricase conjugates are substantially non-immunogenic and retain at least 75 % of the uricolytic activity of the unmodified enzyme.

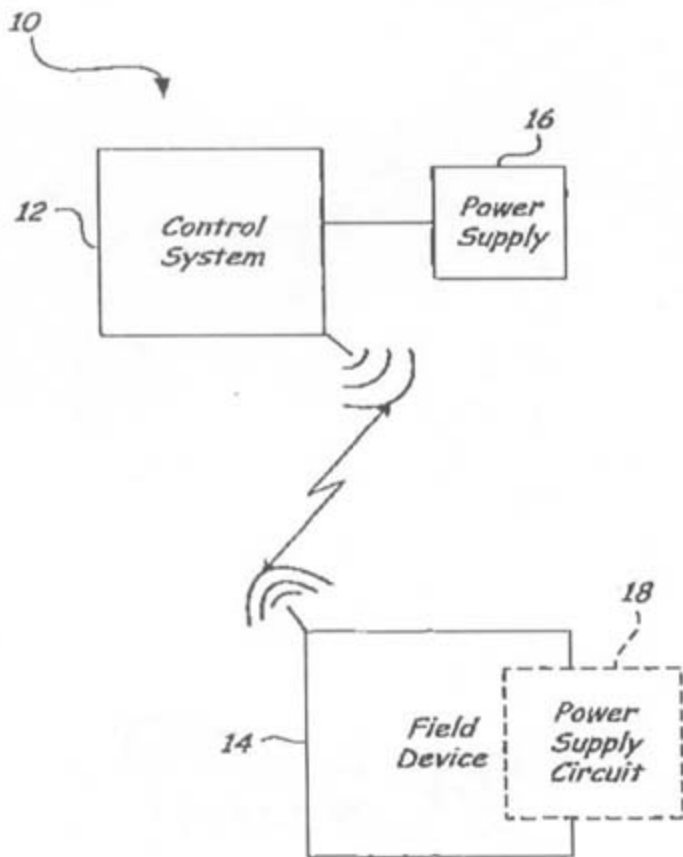
(51) International classification	:H04B 1/38,H04B 1/16	(71)Name of Applicant : 1)ROSEMOUNT, INC.
(31) Priority Document No	:10/734,889	Address of Applicant :12001 TECHNOLOGY DRIVE, EDEN PRAIRIE, MN 55344-3695 U.S.A.
(32) Priority Date	:12/12/2003	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)KARSCHNIA, ROBERT, J
(86) International Application No	:PCT/US2004/038531	2)PELUSO, MARCOS
Filing Date	:12/11/2004	3)ROMO, MARK, G
(87) International Publication No	:WO 2005/060482	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 31

(57) Abstract :

A process control system (10) utilizes wireless transceivers to divorce the field devices (14, 30) from traditional wired network topologies. By providing field devices (14, 30) with wireless transceivers (22) and shared wireless transceivers (36) for adapting wired field devices (30), the field device network may be adapted to any number of network topologies without concern for additional wiring costs. Specifically, a power supply (18, 26) can be provided for each field device (14) or for groups of field devices, as needed. Thus, the entire network can receive power from a single power bus (32), without expensive power filtering. In addition, the network can be a hybrid in which part of the information is transmitted and received over wired lines and part is transmitted and received over wireless communications.



PUBLICATION UNDER SECTION 43 (2)

Following Patents have been granted and any person interested in opposing these patents Under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office on the prescribed form 7 along with written statement and evidence if any.

Seri al Num ber	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	123456	IN/PCT/2002/01 169	27/08/2002	06/03/2000	METHOD FOR REDUCING SHEETING OR AGGLOMERATES DURING OLEFIN POLYMERISATIO N	BP CHEMICALS LIMITED	05/06/2004	MUMBAI
2	202023	843/MUM/2004	05/08/2004		TRACK IDENTIFICATION SYSTEM	KONKAN RAILWAY CORPORATION LIMITED	05/06/2004	MUMBAI
3	202026	326/MUM/2005	22/03/2005		VERTICAL AXIS WINDMILL WITH GUIDING DEVICES	KARIYA VINOD KUMAR CHAMANLAL	14/10/2005	MUMBAI
4	202307	842/MUMNP/20 05	20/02/2005	20/02/2004	TEXTILE MACHINE	RIETER INGOLSTADT SPINNEREIMAS CHINENBAU AG.	02/12/2005	MUMBAI
5	202696	733/MUMNP/20 05	06/07/2005	10/01/2003	EXTRUDED MULTIPHASE SOAP BAR HAVING ARTISAN CRAFTED APPEARANCE AND PROCESS OF MAKING THE SAME	HINDUSTAN LEVER LIMITED	02/12/2005	MUMBAI
6	202743	648/MUMNP/20 05	22/06/2005	26/12/2002	CUSTOMIZED PERSONAL CLEANSING ARTICLE	HINDUSTAN LEVER LIMITED	30/09/2005	MUMBAI
7	202840	438/MUM/2004	12/04/2004		AN ORTHOPEDIC IMPLANT FLEXIBLE INTRAMEDULLA RY NAIL	DR. THAKKAR NAVIN NARSINHBHAI	12/08/2005	MUMBAI
8	202871	985/MUMNP/20 03	22/10/2003	23/04/2001	A DISPLAY SYSTEM	WOW VISION PTE LTD	26/08/2005	MUMBAI
9	202880	301/MUM/2005	21/03/2005		BARGE UNLOADING SYSTEM	SUDI ABDUL RAHIMAN IMAMUDDIN	01/04/2005	MUMBAI
10	202881	1204/MUM/2004	08/11/2004		A DISPOSABLE SYRINGE WITH BREAK THE SEAL TO USE	BIRANI SHAILENDRA KUMAR	11/11/2005	MUMBAI

					AND LOCKING OF PARTS FEATURE			
11	203066	244/MUMNP/2004	22/04/2004	08/03/2002	DOUBLY PRESTRESSED ROOF-CEILING CONSTRUCTION WITH GRID FLAT-SOFFIT FOR EXTREMELY LARGE SPANS	MARA-INSTITUT D.O.O.	26/08/2005	MUMBAI
12	203118	1097/MUM/2002	09/12/2002		PROCESS FOR THE PREPARATION OF ONE OR MORE ESTERS OF 4-ALKYL RESORCINOL	HINDUSTAN LEVER LIMITED	28/01/2005	MUMBAI
13	203128	791/MUMNP/2005	18/07/2005	18/12/2002	METHOD AND SYSTEM FOR CIRCULATING FLUID IN A WELL SYSTEM	CDX GAS, L.L.C.	30/09/2005	MUMBAI
14	203148	605/MUMNP/2004	28/10/2004	30/04/2002	A REAL PROPERTY MANAGEMENT SYSTEM	1)JOSE M. ALONSO 2)JOHN A. BRITCHFORD-STEEL	18/02/2005	MUMBAI
15	203149	IN/PCT/2000/00313/MUM	21/08/2000	21/12/1998	VEHICLE DOOR PROP CLIP FOR A VEHICLE HINGE WITH SPLIT PINS	MULTIMATIC INC.	15/07/2005	MUMBAI
16	203150	IN/PCT/2001/00612/MUM	29/05/2001	28/10/1999	PROCESS FOR PRODUCING LEAD-ACID BATTERY, AND JIG FOR PRODUCING LEAD-ACID BATTERY	THE FURUKAWA BATTERY CO. LTD.	18/02/2005	MUMBAI
17	203152	IN/PCT/2000/00013/MUM	07/03/2000	11/08/1999	VORTEX FLOW SENSOR	ENDRESS+HAUSER FLOWTEC AG	18/02/2005	MUMBAI
18	203153	IN/PCT/2001/01209/MUM	04/10/2001	08/04/1999	MULTILAYER STRUCTURE BASED ON THERMOPLASTIC POLYMERS	SOLVAY (SOCIETE ANONYME)	19/08/2005	MUMBAI
19	203154	IN/PCT/2001/00888/MUM	26/07/2001	03/02/1999	A TANNING COMPOSITION	RHODIA CONSUMER SPECIALTIES LIMITED	17/06/2005	MUMBAI
20	203155	IN/PCT/2001/00147/MUM	09/02/2001	26/08/1998	AN APPARATUS FOR DISPENSING A MEDICAMENT	BESPAK PLC	17/06/2005	MUMBAI

21	203156	549/MUM/2002	21/06/2002		A FUEL ADDITIVE COMPOSITION FOR STABILISING BLENDS OF ETHANOL AND A HYDROCARBON	INDIAN OIL CORPORATION LIMITED	20/03/2004	MUMBAI
22	203157	IN/PCT/2001/01141/MUM	19/09/2001	31/03/1999	A PROCESS FOR THE MANUFACTURE OF AN UNSATURATED MONONITRILE	THE STANDARD OIL COMPANY	17/06/2005	MUMBAI
23	203158	IN/PCT/2001/00438/MUM	20/04/2001	30/10/1998	CARD CLOTHING	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	19/08/2005	MUMBAI
24	203159	IN/PCT/2000/00463/MUM	03/10/2000	23/04/1998	METHOD OF MAKING A FILM	E I DU PONT DE NEMOURS & COMPANY	15/07/2005	MUMBAI
25	203160	IN/PCT/2001/00272/MUM	12/03/2001	14/09/1998	PROCESS FOR PREPARING CARBOXYLIC ACIDS	DOW AGRO SCIENCES LLC	17/06/2005	MUMBAI
26	203161	IN/PCT/2001/00198/MUM	22/02/2001	21/09/1998	A PROCESS FOR PRODUCING A SALT-MODIFIED ELECTROSTATIC DISSIPATIVE POLYMER	NOVEON IP HOLDINGS CORP.	17/06/2005	MUMBAI
27	203162	646/MUMNP/2004	16/11/2004	28/07/2000	ISO-TRUSS STRUCTURE	BRIGHAM YOUNG UNIVERSITY	18/11/2005	MUMBAI
28	203163	749/MUM/2001	03/08/2001		A METHOD OF MANUFACTURING ARTIFICIAL BONE AMPLANT	1)TADPHALE KESHAV BALKRISHNA 2)DR. MODAK MILIND DATTATRAYA	06/05/2005	MUMBAI
29	203164	1056/MUM/2000	23/11/2000		A POWER SUPPLY SYSTEM ARRANGEMENT FOR 11,22 & 33 KV POWER SUPPLY CONSUMERS	MR. BHALCHANDRA G. SHIROLKAR	10/06/2005	MUMBAI
30	203165	692/MUM/2001	18/07/2001	04/08/2000	POWER UNIT MOUNTED ON VEHICLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	19/08/2005	MUMBAI
31	203166	476/MUMNP/2005	24/05/2005	21/10/2002	APPARATUS AND METHOD FOR SPRAYING LIQUID ONTO A VEHICLE	MICROHEAT INC.	30/09/2005	MUMBAI

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32	203168	IN/PCT/2001/00 840/MUM	17/07/2001	31/12/1998	METHOD FOR REDUCING DISSIPATION RATE OF FLUID EJECTED INTO BOUNDARY LAYER	CORTANA CORPORATION AND BABENKO, VICTOR V.	18/02/2005	MUMBAI
33	203169	IN/PCT/2002/01 871/MUM	24/12/2002	19/06/2000	A DEGASSING APPARATUS IN ASSOCIATION WITH A POLYMERIZATIO N REACTOR AND METHOD OF DEGASSING A SLURRY	BOREALIS TECHNOLOGY OY	04/02/2005	MUMBAI
34	203170	IN/PCT/2002/00 611/MUM	14/05/2002	17/11/1999	A PROCESS FOR PREPARING ATORVASTATIN CALCIUM OR HYDRATES THEREOF	TEVA PHARMACEUTI CAL INDUSTRIES, LTD.	28/02/2004	MUMBAI
35	203171	353/MUM/2005	28/03/2005		A BOLT LOCK FOR SECURING THE CONTAINERS AGAINST TAMPERING AND PILFERAGES	BALI RAVI KAMAL	02/12/2005	MUMBAI
36	203172	IN/PCT/2002/01 398/MUM	10/10/2002	20/04/2000	TUBE SCRAPER	PHOTOSCIENC E JAPAN CORPORATION	04/09/2004	MUMBAI
37	203173	IN/PCT/2001/00 489/MUM	27/04/2001	30/10/1998	A METHOD FOR CHOOSING AND DISPLAYING AN ENTERTAINMEN T PROGRAM AND AN APPARATUS THEREFOR	INTEL CORPORATION	17/06/2005	MUMBAI
38	203174	85/MUMNP/200 4	05/02/2004	10/08/2001	COSMETIC COMPOSITION	HINDUSTAN LEVER LIMITED	29/04/2005	MUMBAI
39	203175	IN/PCT/2002/00 196/MUM	15/02/2002	01/09/1999	METHOD OF BLEACHING FABRIC STAINS	HINDUSTAN LEVER LIMITED	15/07/2005	MUMBAI
40	203176	IN/PCT/2000/00 590/MUM	06/11/2000	20/05/1998	A MEDICAL APPARATUS FOR USE BY A PATIENT FOR MEDICAL SELF TREATMENT OF DIABETES	NOVO NORDISK A/S	15/07/2005	MUMBAI
41	203177	424/MUM/2001	03/05/2001		PROCESS FOR THE EXTRACTION OF HIGH GRADE SOY LECITHIN IN	KHANDELWAL SHYAM SUNDER	10/06/2005	MUMBAI

					POWDER AND LIQUID FORM			
42	203178	IN/PCT/2001/01253/MUM	11/10/2001	19/04/1999	A METHOD FOR THE PREPARATION OF MIRTAZAPINE	TEVA PHARMACEUTICAL INDUSTRIES LTD.	19/08/2005	MUMBAI
43	203179	942/MUMNP/2003	07/10/2003	04/09/2000	METHOD FOR PRODUCING A GRANULAR SUBSTANCE EQUIPMENT FOR PRODUCING SAID SUBSTANCE AND GRAIN BREAKING MACHINE	KALNISH, GRIGORY IZESLAVOVICH	18/02/2005	MUMBAI
44	203180	174/MUMNP/2004	11/03/2004	25/09/2001	WIND POWER MACHINE	NIKOLAUS, THOMAS	18/02/2005	MUMBAI
45	203181	918/MUMNP/2003	29/09/2003	07/03/2001	METHODS AND APPARATUS FOR MATERIALS PROCESSING	HOLL TECHNOLOGIES COMPANY	18/02/2005	MUMBAI
46	203182	IN/PCT/2001/00564/MUM	17/05/2001	24/11/1998	COMMUNICATION SYSTEM AND METHOD FOR DISCONTINUOUS TRANSMISSION	TELEFONAKTIE BOLAGET LM ERICSSON (PUBL)	19/08/2005	MUMBAI
47	203183	274/MUMNP/2003	03/03/2003	22/09/2000	PROCESS FOR DISTRIBUTING A LUMPY BULK MATERIAL AND AN APPARATUS THEREOF	VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH & CO.	11/02/2005	MUMBAI
48	203184	120/MUMNP/2003	27/01/2003	18/07/2000	A BOILER AND CONDENSER SYSTEM; A METHOD AND APPARATUS FOR PURIFYING CONTAMINATED LIQUIDS	1)JACK G. BITTERLY 2)STEVEN E. BITTERLY	04/02/2005	MUMBAI
49	203185	105/MUM/2003	29/01/2003		LATERAL CHAIN ASSEMBLY OF FLOW WRAP MACHINE FOR PREVENTING FALLING OF BISCUITS IN PACKS WITHOUT GUSSETING	MULTI PACK SYSTEMS PVT. LTD.	04/02/2005	MUMBAI
50	203186	IN/PCT/2001/00634/MUM	01/06/2001	21/12/1998	A PROTECTIVE COMPOSITE STRUCTURE	E. I. DU PONT DE NEMOURS AND COMPANY	19/08/2005	MUMBAI
51	203187	662/MUMNP/2004	18/11/2004	25/06/2002	MULTIPLE BANDS TYPE	E. M. W. ANTENNA CO.	30/09/2005	MUMBAI

					ANTENNA AND METHOD FOR PRODUCTING THE SAME	LTD.		
52	203188	254/MUMNP/2003	24/02/2003	18/09/2000	SELFEMULSIFIABLE FORMULATION HAVING ENHANCED BIOABSORPTION AND IMMUNOSUPPRESSION ACTIVITIES AND METHOD OF PREPARATION THEREOF	RPG LIFE SCIENCES LIMITED	06/01/2006	MUMBAI
53	203189	1230/MUM/2003	28/11/2003		METHOD FOR CONCEALING ERRORS IN COMPRESSED IMAGES IN THE JPEG 2000 FORMAT	PACE SOFT SILICON PVT. LTD.	11/03/2005	MUMBAI
54	203190	1135/MUM/2002	19/12/2002		METHOD AND DEVICE FOR STRETCHING AND FITTING FABRIC ON A FRAME TO MAKE A SCREEN	BALIGA SAILENDRA RABINDRANATH	28/01/2005	MUMBAI
55	203191	808/MUM/2001	20/08/2001		A CURRENT DETECTION DEVICE FOR A MULTI-TAP DISTRIBUTION APPARATUS	LANTEK ELECTRONICS INC.	10/06/2005	MUMBAI
56	203192	IN/PCT/2000/00254/MUM	03/08/2000	07/12/1998	A REPRODUCING APPARATUS AND A METHOD THEREOF	SONY CORPORATION	15/07/2005	MUMBAI
57	203193	528/MUM/2001	06/06/2001	14/06/2000	A MOTORCYCLE WITH A FUEL BATTERY MOUNTED THEREON	HONDA GIKEN KOGYO KABUSHIKI KAISHA	09/09/2005	MUMBAI
58	203194	557/MUM/2001	18/06/2001	29/06/2000	IGNITION METHOD AND SYSTEM FOR ENGINE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	12/08/2005	MUMBAI
59	203195	858/MUM/2001	10/09/2001	26/09/2000	AN ARRANGEMENT FOR TRANSPORTING AN ELECTRIC MOTOR ASSISTED	HONDA GIKEN KOGYO KABUSHIKI KAISHA	19/08/2005	MUMBAI

					BICYCLE IN A FOUR-WHEEL MOTOR VEHICLE			
60	203196	742/MUM/2001	01/08/2001	14/09/2000	A CONNECTOR FOR ASSEMBLING AND SEALING LAMINATE FLOORING PANELS AND METHOD FOR MANUFACTURING THE SAME	PREMARK RWP HOLDINGS, INC.	18/02/2005	MUMBAI
61	203197	741/MUM/2001	01/08/2001	14/09/2000	A MULTI-DIRECTIONAL LAMINATE FLOORING PANEL FOR USE IN CONSTRUCTING A FLOOR	PREMARK RWP HOLDINGS, INC.	18/02/2005	MUMBAI
62	203198	132/MUMNP/2005	14/02/2005	22/07/2002	A METHOD FOR CONVERTING HEAT TO USEFUL ENERGY BASED ON A CASCADING CLOSED LOOP CYCLE (CCLC) AND THE APPARATUS THEREOF	1)STINGER, DANIEL H. 2)MIAN, FAROUK, ASLAM	21/10/2005	MUMBAI
63	203200	969/MUM/2002	07/11/2002		METHOD OF RECLAMATION OF WASTE FOUNDRY SAND AND THE MACHINE	1)RAGHUVVEER CHANDRA KOTHARI, 2)MANISH KOTHARI	13/05/2005	MUMBAI
64	203201	IN/PCT/2002/00617/MUM	15/05/2002	16/11/1999	A COSMETIC SKIN CARE COMPOSITION	HINDUSTAN LEVER LIMITED	28/02/2004	MUMBAI
65	203202	IN/PCT/2001/00506/MUM	27/04/2001	20/11/1998	STOPPER ROD	VESUVIUS CRUCIBLE COMPANY	17/06/2005	MUMBAI
66	203203	344/MUMNP/2003	27/03/2003	06/10/2000	N-ALKOXYALKYL-SUBSTITUTED BENZIMIDAZOLE S, THEIR PREPARATION AND THEIR USE AS AGENTS AGAINST PARASITIC PROTOZOA	BAYER AKTIENGESELLSCHAFT	11/02/2005	MUMBAI
67	203204	IN/PCT/2001/01261/MUM	12/10/2001	03/03/2000	A STABLE PARTIALLY	E. I. DU PONT DE NEMOURS	15/07/2005	MUMBAI

					ORIENTED YARN	AND COMPANY		
68	203385	IN/PCT/2002/01 659/MUM	20/11/2002	09/06/2000	A METHOD FOR THE MANUFACTURE OF A SINGLE MODE OPTICAL FIBRE	DRAKA FIBRE TECHNOLOGY B.V.	20/11/2002	MUMBAI
69	203386	IN/PCT/2000/00 386/MUM	11/09/2000	16/03/1998	DEVICE FOR DISPENSING A FLUID UNDER PRESSURE	HEINEKEN TECHNICAL SERVICES B.V.	15/07/2005	MUMBAI
70	203387	IN/PCT/2000/00 016/MUM	21/03/2000	28/07/1998	A LUGGAGE CASE	SAMSONITE CORPORATION	17/06/2005	MUMBAI
71	203388	IN/PCT/2001/00 973/MUM	13/08/2001	26/08/1999	CARTRIDGE FOR A LIQUID	BOEHRINGER INGELHEIM INTERNATIONA L GMBH	19/08/2005	MUMBAI
72	203389	IN/PCT/2001/01 602/MUM	18/12/2001	28/06/1999	A MICROFABRICAT ED ELASTOMERIC STRUCTURE AND METHOD OF PRODUCING THE SAME	CALIFORNIA INSTITUTE OF TECHNOLOGY	06/01/2006	MUMBAI
73	203390	IN/PCT/2001/01 231/MUM	09/10/2001	19/04/1999	ENERGY GUIDING CHAIN FOR GUIDING CABLES, HOSES AND OTHER WIRING	IGUS SPRITZGUSSTE ILE FUR DIE INDUSTRIE GMBH	19/08/2005	MUMBAI
74	203391	IN/PCT/2001/01 053/MUM	05/09/2001	08/12/1999	A PROCESS FOR PREPARING A CELECOXIB DRUG SUBSTANCE	PHARMACIA CORPORATION	15/07/2005	MUMBAI
75	203392	1002/MUM/2000	08/11/2000		A POLYETHER POLYESTER POLYOL FOR USE IN POLYURETHANE RIGID FOAM MANUFACTURE	HUNSTMAN INTERNATIONA L (INDIA) PVT. LTD.	10/06/2005	MUMBAI
76	203393	754/MUMNP/20 03	06/08/2003	09/02/2001	PROCESS FOR PRODUCING BLUE MICROCAPSULE S	SYMRISE GMBH & CO. KG.	29/04/2005	MUMBAI
77	203394	IN/PCT/2001/01 546/MUM	06/12/2001	14/06/1999	A HEAT EXCHANGER PLATE AND SUCH A PLATE WITH A GASKET	APV HEAT EXCHANGER A/S	02/12/2005	MUMBAI
78	203395	IN/PCT/2000/00 567/MUM	31/10/2000	11/02/1999	METHOD OF GENERATING POWER USING AN ADVANCED	BP CORPORATION NORTH AMERICA INC.	15/07/2005	MUMBAI

					THERMOCHEMICAL RECUPERATION CYCLE			
79	203396	IN/PCT/2001/01 534/MUM	05/12/2001	25/06/1999	METHOD OF PRODUCING MOLTEN METAL IN A SUBMERGED ARC TYPE ELECTRIC FURNACE	PAUL WURTH S.A.	17/06/2005	MUMBAI
80	203397	IN/PCT/2001/00 388/MUM	11/04/2001	23/10/1998	A MELTING AND HOLDING FURNACE FOR ALUMINUM BLOCKS	NIPPON CRUCIBLE CO. LTD.	17/06/2005	MUMBAI
81	203398	IN/PCT/2002/01 023/MUM	29/07/2002	15/02/2000	COMPOSITIONS CONTAINING A THERMOPLASTIC MATERIAL AND A MULTI- LAYERED PIGMENT	BAYER AKTIENGESELL SCHAFT	24/04/2004	MUMBAI
82	203399	329/MUM/2002	05/04/2002		A LUGGAGE CASE ANCHORING ARRANGEMENT	VIP INDUSTRIES LTD	13/05/2005	MUMBAI
83	203400	IN/PCT/2001/00 766/MUM	26/06/2001	29/12/1998	A METHOD OF MAKING SINGLE PLY PAPER AND A SINGLE PLY PAPER MADE THEREBY	DE LA RUE INTERNATIONAL LIMITED	17/06/2005	MUMBAI
84	203401	1152/MUM/2002	26/12/2002		NOVEL MEDICINAL CAPSULES CONTAINING AT LEAST TWO DRUGS HAVING MULTIPLE RELEASE PROFILES METHODS FOR MANUFACTURE THEREOF	CADILA HEALTHCARE LTD.	28/01/2005	MUMBAI
85	203402	1300/MUM/2003	22/12/2003		STRAIGHT SHACKLE TWIN KEY PADLOCK	GODREJ & BOYCE MFG. CO. LTD.	30/12/2005	MUMBAI
86	203403	IN/PCT/2001/01 470/MUM	23/11/2001	06/04/2000	INFORMATION PROCESSING SYSTEM AND METHOD	SONY CORPORATION	01/04/2005	MUMBAI
87	203404	IN/PCT/2002/01 846/MUM	19/12/2002	15/06/2000	A SINGLE CRYSTAL DIAMOND PREPARED BY CVD AND A	ELEMENT SIX [PTY] LTD.	04/02/2005	MUMBAI

					METHOD THEREOF			
88	203405	113/MUMNP/2005	07/02/2005	08/07/2002	SECURITY STSTEM AND METHOD WITH REALTIME IMAGARY	1)FAULKNER, JAMES, OTIS ,BLAKE, Richard, Marvel	21/10/2005	MUMBAI
89	203406	583/MUM/2002	01/07/2002		A PROCESS FOR ISOLATING ANAEROBIC MICROORGANIS MS USING A NEW APPARATUS	THE CENTRAL INSTITUTE FOR RESEARCH ON COTTON TECHNOLOGY, GOVT.OF INDIA	17/04/2004	MUMBAI
90	203407	601/MUM/2003	10/06/2003		PROCESS FOR PREPARING A CARBOHYDRATE BASED BIO-DEGRADABLE HYDROGEL	1)AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION 2)GSFC SCIENCE FOUNDATION	11/02/2005	MUMBAI
91	203408	940/MUM/2002	30/10/2002		AN INSULATED BOTTLE	MR. MAHESH THADANI	04/09/2004	MUMBAI
92	203409	IN/PCT/2002/01055/MUM	02/08/2002	07/02/2000	A METHOD OF DISINFECTION OF STERILIZATION OF AN ARTICLE	STERIS INC.	29/05/2004	MUMBAI
93	203410	IN/PCT/2001/01613/MUM	19/12/2001	30/06/1999	HAIR TREATMENT COMPOSITIONS	HINDUSTAN LEVER LIMITED	17/06/2005	MUMBAI
94	203411	471/MUMNP/2004	26/08/2004	28/02/2002	BLEACHING COMPOSITION	HINDUSTAN LEVER LIMITED	29/04/2005	MUMBAI
95	203412	00672/MUMNP/2005	27/06/2005	02/12/2002	MIXED OXIDE CATALYST OF RB, CE, CR, NI, FE, BI, AND MO FOR THE MANUFACTURE OF ACRYLONITRILE	THE STANDARD OIL COMPANY	30/09/2005	MUMBAI
96	203413	IN/PCT/2002/01819/MUM	16/12/2002	15/06/2000	APPARATUS FOR APPLYING A FLUID COOLANT TO THE SURFACE OF ROTATING WORK ROLL IN A ROLLING MILL	MORGAN CONSTRUCTIO N COMPANY	04/02/2005	MUMBAI
97	203414	IN/PCT/2000/00694/MUM	04/12/2000	18/06/1998	A PROCESS OF CATALYTIC OZONIZATION FOR THE PURIFICATION OF POLLUTED WATERS	DEGREMONT	15/07/2005	MUMBAI

98	203415	IN/PCT/2002/00674/MUM	24/05/2002	15/12/1999	N-[5-[[[5-ALKYL-2-OXAZOLYL]METHYL]THIO]-2-THIAZOLYL]CARBOXAMIDEINHIBITORS OF CYCLIN DEPENDENT KINASES OF FORMULA I	BRISTOL-MYERS SQUIBB COMPANY	28/02/2004	MUMBAI
99	203416	368/MUMNP/2003	04/04/2003	11/10/2000	A CONTAINER	HINDUSTAN LEVER LIMITED	15/07/2005	MUMBAI
100	203417	1168/MUM/2001	10/12/2001		A PROCESS AND AN APPARATUS FOR PREPARING MINERAL TURPENTINE OIL HAVING IMPROVED COLOR STABILITY	INDIAN OIL CORPORATION LIMITED	03/02/2006	MUMBAI
101	203418	IN/PCT/2002/01470/MUM	23/10/2002	12/05/2000	A PLASTIC COMPOSITION	BAYER AKTIENGESELLSCHAFT	11/09/2004	MUMBAI
102	203419	IN/PCT/2002/01011/MUM	24/07/2002	28/02/2000	A METHOD FOR INCREASING THE SEED YIELD OF A LEGUMINOUS PLANT	UNIROYAL CHEMICAL COMPANY, INC.	24/04/2004	MUMBAI
103	203420	IN/PCT/2000/00247/MUM	01/08/2000	17/03/1998	A CONVEYOR BELT	PHOENIX AKTIENGESELLSCHAFT	15/07/2005	MUMBAI
104	203421	IN/PCT/2000/00611/MUM	10/11/2000	15/05/1998	LABELLED GLUTAMINE AND LYSINE ANALOGUES	AMERSHAM PLC.	15/07/2005	MUMBAI
105	203422	IN/PCT/2001/00180/MUM	19/02/2001	01/09/1998	BLENDS OF POLY (1,3-PROPYLENE 2,6-NAPHTHALATE)	E.I. DUPONT DE NEMOURS AND COMPANY	13/01/2006	MUMBAI
106	203423	269/MUMNP/2003	03/03/2003	19/09/2000	AN ADHESIVE COMPOSITION BASED ON A POLYCHLOROPRENE DISPERSION AND A PROCESS THEREOF	BAYER AKTIENGESELLSCHAFT	11/02/2005	MUMBAI
107	203424	IN/PCT/2002/00969/MUM	17/07/2002	04/02/2000	DEVICE FOR THE ELECTRICALLY CONDUCTING CONTACTING OF AN ELECTRICALLY CONDUCTING PART	DAUME PATENTBESITZ GESELLSCHAFT MBH	24/04/2004	MUMBAI

108	203425	384/MUM/2002	26/04/2002		PROCESS FOR TREATMENT OF ORGANIC SOLID WASTE	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	13/05/2005	MUMBAI
109	203426	818/MUMNP/2003	02/09/2003	20/03/2001	SEATING FURNITURE CONVERTIBLE INTO A BED	WIBERG, OLE	18/02/2005	MUMBAI
110	203427	1034/MUMNP/2003	11/11/2003	27/06/2001	ANTENNA FOR PORTABLE WIRELESS COMMUNICATION APPARATUSES	E. M. W. ANTENNA CO. LTD.	18/02/2005	MUMBAI
111	203428	343/MUM/2003	07/04/2003		PROCESS FOR THE MANUFACTURE OF SULFAMATE DERIVATIVES IN PURE FORM	M/S. CIPLA LIMITED	11/02/2005	MUMBAI
112	203429	409/MUM/2003	24/04/2003		PROCESS FOR MANUFACTURE OF NOVEL COMPOUND EXHIBITING MAGNETOELECTRIC COUPLING AND HIGH DIELECTRIC CONSTANT AT ROOM TEMPERATURE	TATA INSTITUTE OF FUNDAMENTAL RESEARCH	11/02/2005	MUMBAI
113	203430	1196/MUM/2003	19/11/2003		AN ENERGY SAVING DEVICE FOR HIGH PRESSURE GAS DISCHARGE LAMPS	TATA MOTORS LIMITED	10/06/2005	MUMBAI
114	203431	IN/PCT/2001/00156/MUM	13/02/2001	09/07/1999	A RECEIVING DEVICE FOR RECEIVING DIGITAL BROADCAST	SONY CORPORATION	23/09/2005	MUMBAI
115	203432	IN/PCT/2002/01278/MUM	17/09/2002	04/04/2000	OPTICAL DATA CARRIER AND THE PROCESS FOR THE PRODUCTION THEREOF	BAYER AKTIENGESELLSCHAFT	09/07/2004	MUMBAI
116	203433	IN/PCT/2002/01265/MUM	16/09/2002	21/03/2000	LOW PH HIGH FATTY ACID VANISHING CREAM	HINDUSTAN LEVER LIMITED	03/07/2004	MUMBAI
117	203434	IN/PCT/2002/00643/MUM	20/05/2002	01/12/1999	A RIGID CARTON FOR CIGARETTE PACKETS	G.D. S.P.A.	28/02/2004	MUMBAI
118	203435	IN/PCT/2000/00560/MUM	30/10/2000	20/05/1998	PROCESS FOR PREPARING R-	BOEHRINGER INGELHEIM	15/07/2005	MUMBAI

					OR S-NORBENZOMORPHANES	PHARMA GMBH & CO. KG.		
119	203436	IN/PCT/2002/01476/MUM	23/10/2002	01/05/2000	A DISPENSING ARTICLE	HINDUSTAN LEVER LIMITED	11/09/2004	MUMBAI
120	203437	IN/PCT/2001/01300/MUM	18/10/2001	29/04/1999	LOAD MACHINE FOR A COMBUSTION ENGINE TEST BENCH	BSF	15/07/2005	MUMBAI
121	203438	IN/PCT/2002/00858/MUM	24/06/2002	27/01/2000	OPTICAL AUTHENTICATION DEVICE IN COMBINATION WITH INSPECTION TOOL	ROLIC AG	13/03/2004	MUMBAI
122	203439	542/MUM/2003	28/05/2003		A METHOD OF MAKING FLEMINGIA MACROPHYLLA HERBAL DRUG FOR HYPOGLYCEMIC ACTIVITY.	DR. SHIPRA ROY, MRS. VENU AGARWAL	11/02/2005	MUMBAI
123	203440	628/MUM/2003	17/06/2003	17/07/2002	DEVICE FOR PNEUMATIC OR HYDRAULIC CONVEYING OF DUSTY, POWDERY OR GRANULAR BULK MATERIAL	MOLLER MATERIALS HANDLING GMBH	11/02/2005	MUMBAI
124	203441	IN/PCT/2001/00350/MUM	29/03/2001	02/10/1998	A TYRE	1)SOCIETE DE TECHNOLOGIE MICHELIN 2)MICHELIN RECHERCHE ET TECHNIQUE S.A	23/09/2005	MUMBAI
125	203442	IN/PCT/2001/00853/MUM	19/07/2001	03/02/1999	PROCESS FOR THE ISOLATION OF PSEUDOMONIC ACID A FROM PSEUDOMONIC ACID COMPLEX-CONTAINING CULTURE BROTH	TEVA PHARMACEUTICAL WORKS PRIVATE LIMITED COMAPNY	17/06/2005	MUMBAI
126	203443	IN/PCT/2002/00980/MUM	18/07/2002	02/02/2000	TEST STRIP MEASURING DEVICE	OTSUKA PHARMACEUTICAL CO. LTD.	24/04/2004	MUMBAI
127	203444	IN/PCT/2001/00030/MUM	05/01/2001	11/07/1998	A PROCESS FOR THE PREPARATION OF AN ORGANOMETALL	JOHNSON MATTHEY PLC	17/06/2005	MUMBAI

					IC COMPOSITION			
128	203445	IN/PCT/2001/01 482/MUM	26/11/2001	07/06/1999	PROTECTING CATALYTIC ACTIVITY OF A SAPO MOLECULAR SIEVE	EXXON CHEMICAL PATENTS INC.	21/10/2005	MUMBAI
129	203446	IN/PCT/2002/01 172/MUM	27/08/2002	23/03/2000	A METHOD OF PRODUCING LIGHT, PLASMA, POWER	BLACKLIGHT POWER, INC.	11/06/2005	MUMBAI
130	203447	IN/PCT/2002/01 190/MUM	29/08/2002	09/03/2000	A HALOGEN CONTAINING COMPOUND AND A METHOD FOR STABILIZING THEREOF	NOVEON IP HOLDINGS CORP.	05/06/2004	MUMBAI
131	203448	373/MUM/2003	17/04/2003		AN IMPROVED MOVING BED BIOREACTOR FOR TREATMENT OF DOMESTIC AND INDUSTRIAL BIODEGRADABL E WASTEWATER	GHAMANDE, AMOD PANDURANG	11/02/2005	MUMBAI
132	203449	IN/PCT/2001/00 221/MUM	27/02/2001	19/08/1998	A RADIO ACCESS NETWORK AND A SRNC FOR USE IN A RADIO ACCESS NETWORK	TELEFONAKTIE BOLAGET LM ERICSSON	11/11/2005	MUMBAI
133	203450	IN/PCT/2000/00 172/MUM	10/07/2000	16/01/1998	ANTIVIRALS	MEDIVIR AB	04/03/2005	MUMBAI
134	203451	489/MUMNP/20 05	26/05/2005	03/12/2002	LAUNDRY TREATMENT COMPOSITIONS AND COMPONENTS THEREFOR	HINDUSTAN LEVER LIMITED	11/11/2005	MUMBAI
135	203452	647/MUM/2000	11/07/2000		AN APPARATUS AND METHOD OF CONSOLIDATING MULTIPLE DISCRETE RECORDS STORED IN A PLURALITY OF RAW DATA FILES	TATA CONSULTANCY SERVICES LIMITED	06/05/2005	MUMBAI
136	203453	129/MUMNP/20 03	28/01/2003	28/07/2000	ISO-TRUSS STRUCTURE	BRIGHAM YOUNG UNIVERSITY	04/02/2005	MUMBAI
137	203454	IN/PCT/2000/00 780/MUM	26/12/2000	29/06/1998	APPARATUS AND SYSTEM FOR DETERMINING A	TELEFONAKTIE BOLAGET LM ERICSSON (PUBL)	15/07/2005	MUMBAI

					LOCATION OF A FREQUENCY SYNCHRONIZATION SIGNAL			
138	203455	IN/PCT/2000/00778/MUM	26/12/2000	01/07/1998	A SURFACE SENSOR UNIT AND METHOD FOR CONTROLLING THE PENETRATION DEPTH OF A CUTTING TOOL	BAE SYSTEMS PLC.	15/07/2005	MUMBAI
139	203456	521/MUM/2003	22/05/2003	30/08/2002	METHOD OF REDUCING HIGH CYCLE FATIGUE OF TURBOCHARGERS	HOLSET ENGINEERING CO. LIMITED	10/06/2005	MUMBAI
140	203457	IN/PCT/2000/00783/MUM	26/12/2000	24/07/1998	A PUMP FOR PUMPING FLUID	ORBITAL ENGINE COMPANY (AUSTRALIA) PTY LIMITED	15/07/2005	MUMBAI
141	203458	1117/MUMNP/2003	08/12/2003	29/06/2001	A BUILDING PANEL	M. I. C. INDUSTRIES, INC.	29/04/2005	MUMBAI
142	203459	IN/PCT/2001/00223/MUM	27/02/2001	18/09/1998	PROCESS FOR PREPARING 3-ISOCHROMANONE	SYNGENTA LIMITED	19/08/2005	MUMBAI
143	203460	211/MUMNP/2004	05/04/2004	03/10/2001	A CONVERTIBLE ELECTRICAL CONNECT SYSTEM	STERIS INC.	18/02/2005	MUMBAI
144	203461	421/MUMNP/2004	03/08/2004	14/03/2002	A METHOD OF MEASURING PHYSICAL PARAMETERS OF A FLUID FLOWING IN A PIPE	ENDRESS+HAUSER FLOWTEC AG	18/02/2005	MUMBAI
145	203462	606/MUMNP/2003	17/06/2003	20/12/2000	METHOD AND DEVICE FOR CAPACITIVE MEASURING LEVELS	ABERTAX RESEARCH & DEVELOPMENT LTD.	24/06/2005	MUMBAI
146	203463	38/MUM/2003	13/01/2003		METHOD FOR PRODUCING TWISTED OPTICAL FIBER WITH REDUCED POLARIZATION MODE DISPERSION	STERLITE OPTICAL TECHNOLOGIES LIMITED	28/01/2005	MUMBAI
147	203464	IN/PCT/2002/01072/MUM	08/08/2002	17/02/2000	APPARATUS FOR MIXING A	ASTRAZENECA UK LIMITED	29/05/2004	MUMBAI

					NUMBER OF COMPONENTS			
148	203465	IN/PCT/2000/00469/MUM	03/10/2000	23/04/1998	A POLYMER BLEND COMPRISING A POLYESTER AND THERMOPLASTIC POLYMER	E. I. DU PONT DE NEMOURS & COMPANY	15/07/2005	MUMBAI
149	203466	IN/PCT/2002/01631/MUM	15/11/2002	13/05/2000	A PROCESS FOR THE PREPARATION OF A PHARMACEUTICALLY ACCEPTABLE METAL SALT OF CLAVULANIC ACID	SMITHKLINE BEECHAM P.L.C.	11/12/2004	MUMBAI
150	203467	IN/PCT/2001/00424/MUM	19/04/2001	07/12/1998	A METHOD AND AN APPARATUS FOR PREPARING LABELS	GERRO PLAST GMBH	17/06/2005	MUMBAI
151	203468	IN/PCT/2001/00987/MUM	16/08/2001	03/09/1999	BONE PLATE	SYNTHE S AG CHUR	15/07/2005	MUMBAI
152	203469	IN/PCT/2001/00876/MUM	24/07/2001	11/02/1999	A SYSTEM FOR INTERCONNECTING AN END USER LOCAL NETWORK AND A PACKET DATA COMMUNICATION NETWORK AND A METHOD THEREFOR	TELEFONAKTIE BOLAGET LM ERICSSON [PUBL]	21/10/2005	MUMBAI
153	203470	IN/PCT/2002/00215/MUM	19/02/2002	09/09/1999	METHOD AND DEVICE FOR PRODUCING A SUBSTANTIALLY CIRCULARLY CYLINDRICAL BODY	ARNO FRIEDRICHS	15/07/2005	MUMBAI
154	203471	331/MUM/2002	08/04/2002		A PROTECTIVE CAPS FOR FLANGES	VIRAJ FORGINGS LIMITED	13/05/2005	MUMBAI
155	203472	IN/PCT/2001/00390/MUM	11/04/2001	13/10/1998	A DEVICE FOR AUTOMATIC INDEXED GUIDANCE AND A METHOD THEREOF	MARC LEFEVERE	17/06/2005	MUMBAI
156	203473	IN/PCT/2002/00247/MUM	27/02/2002	01/03/2000	LIQUID BLEACHING COMPOSITION FOR BLEACHING A SUBSTRATE	HINDUSTAN LEVER LIMITED	15/07/2005	MUMBAI
157	203474	325/MUMNP/2004	07/06/2004	07/11/2001	NOVEL DEUTERATED	TURICUM DRUG DEVELOPMENT	18/02/2005	MUMBAI

					PYRAZOLOPYRIMIDINONES	AG		
158	203475	291/MUMNP/2003	07/03/2003	23/11/2000	MODIFIED VACCINIA VIRUS ANKARA	BAVARIAN NORDIC A/S.	04/02/2005	MUMBAI
159	203476	219/MUM/2003	25/02/2003		SEALING WAX DISPENSING ASSEMBLY	BARVE ARUN SUBHASH	04/02/2005	MUMBAI
160	203477	IN/PCT/2000/00578/MUM	01/11/2000	11/05/1998	A TYRE WITH A RADIAL CARCASS REINFORCEMENT OF MAXIMUM AXIAL WIDTH	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN-MICHELIN & CIE	15/07/2005	MUMBAI
161	203478	IN/PCT/2001/01066/MUM	06/09/2001	11/03/1999	A MACHINE FOR TRANSFER PATTERN PRINTING	DANSK HK LTD.	17/06/2005	MUMBAI
162	203479	IN/PCT/2001/01382/MUM	08/11/2001	03/05/1999	ELECTRIC SWITCHING DEVICE	ABB T & D TECHNOLOGY LTD.	21/10/2005	MUMBAI
163	203480	IN/PCT/2001/01229/MUM	09/10/2001	19/04/1999	ENERGY GUIDING CHAIN	IGUS SPRITZGUSSTEILE FUR DIE INDUSTRIE GMBH	02/12/2005	MUMBAI
164	203481	IN/PCT/2002/01691/MUM	26/11/2002	30/05/2000	GAS-TIGHT SHUT-OFF VALVE FOR A MATERIAL CHARGING OR DISCHARGING LOCK	PAUL WURTH S.A.	17/12/2004	MUMBAI
165	203482	IN/PCT/2000/00126/MUM	27/06/2000	27/10/1998	FLUIDIZED-BED DRYING AND CLASSIFYING APPARATUS	KAWASAKI JUKOGYO KABUSHIKI KAISHA	17/06/2005	MUMBAI
166	203483	651/MUMNP/2003	26/06/2003	12/01/2001	METHOD AND SYSTEM FOR EFFICIENT DISSEMINATION OF INFORMATION	KONINKLIJKE KPN N.V.	24/06/2005	MUMBAI
167	203640	286/MUM/2002	22/03/2002		A COMPACT LUGGAGE CASE WEIGHT INDICATOR	VIP INDUSTRIES LTD	13/05/2005	MUMBAI
168	203641	1065/MUMNP/2003	20/11/2003	25/06/2001	A METHOD FOR IMPROVING THE QUALITY OF ELECTRODES IN ELECTROLYSIS	OUTOKUMPU OYJ	26/08/2005	MUMBAI
169	203642	707/MUMNP/2003	17/07/2003	26/03/2001	PURIFICATION OF 2-NITRO-4-METHYLSULPHO NYLBENZOIC	SYNGENTA LIMITED	24/06/2005	MUMBAI

					ACID			
170	203643	581/MUMNP/2003	06/06/2003	11/12/2001	METHOD FOR LEACHING COPPER CONCENTRATE	OUTOKUMPU OYJ	24/06/2005	MUMBAI
171	203644	87/MUMNP/2003	20/01/2003	07/08/2000	AN APPARATUS AND A METHOD FOR OPERATING AN AUTOMATED BANKING MACHINE	DIEBOLD INCORPORATED	04/02/2005	MUMBAI
172	203645	335/MUMNP/2004	14/06/2004	12/12/2001	METHOD AND PLATE APPARATUS FOR DEW POINT EVAPORATIVE COOLER	IDALEX TECHNOLOGIES, INC.	18/02/2005	MUMBAI
173	203646	551/MUM/2003	30/05/2003		AN IMPROVED HAND OPERATED GEAR SHIFTING SYSTEM IN 2 OR 3 WHEELED VEHICLES	BAJAJ AUTO LTD.	11/02/2005	MUMBAI
174	203647	IN/PCT/2001/00256/MUM	08/03/2001	25/11/1998	AN APPARATUS FOR CARRYING OUT PAYMENT TRANSACTIONS	ZOLOTAREV, OLEG ANATOLIEVICH UL KOSTROMSKOJ PR. AND OTHERS	18/02/2005	MUMBAI
175	203648	IN/PCT/2001/00192/MUM	20/02/2001	19/08/1998	NETWORK CONTROLLER	INTEL CORPORATION	17/06/2005	MUMBAI
176	203649	246/MUMNP/2005	05/04/2005	20/11/2002	EXTRACTION OF PHENOL FROM WASTEWATER	ABB LUMMUS GLOBAL INC.	23/09/2005	MUMBAI
177	203650	578/MUMNP/2004	18/10/2004	24/04/2002	ACTIVATED OXIDIZING VAPOR TREATMENT SYSTEM AND METHOD	STERIS INC.	18/02/2005	MUMBAI
178	203651	IN/PCT/2001/01292/MUM	17/10/2001	22/04/1999	ASSAY FOR DETECTING PHOSPHO-N-ACETYLMURAMY L-PENTAPEPTIDE TRANSLOCASE ACTIVITY	ASTRAZENECA AB	19/08/2005	MUMBAI
179	203652	IN/PCT/2001/01567/MUM	10/12/2001	18/06/1999	A DEVICE FOR CAPTURING AND VIEWING DATA	SWISSCOM MOBILE AG	26/08/2005	MUMBAI
180	203653	IN/PCT/2002/01717/MUM	02/12/2002	05/07/2000	ELECTRO-OPTICAL ELEMENT AND DISPLAY DEVICE	ROLIC AG	04/02/2005	MUMBAI

181	203654	IN/PCT/2001/00 379/MUM	10/04/2001	16/10/1998	A PROCESS OF REGULATING A NUCLEOTIDE SEQUENCE	1)NOVARTIS AG 2)THE SCRIPPS RESEARCH INSTITUTE	19/08/2005	MUMBAI
182	203655	IN/PCT/2000/00 494/MUM	11/10/2000	07/05/1998	A PAY-TV RECEPTION SYSTEM	NAGRACARD S.A.	15/07/2005	MUMBAI
183	203656	IN/PCT/2000/00 354/MUM	04/09/2000	20/03/1998	A METHOD FOR PRODUCING A DISTILLATE FUEL HEAVIER THAN GASOLINE	EXXON RESEARCH AND ENGINEERING COMPANY	15/07/2005	MUMBAI
184	203657	IN/PCT/2001/01 432/MUM	19/11/2001	21/05/1999	FABRIC SOFTENING COMPOSITIONS	HINDUSTAN LEVER LIMITED	17/06/2005	MUMBAI
185	203658	IN/PCT/2001/00 966/MUM	10/08/2001	03/03/1999	METHOD OF MODELLING A REDUCTION PROCESS FOR IRON- CONTAINING CHARGE MATERIALS	VOEST - ALPINE INDUSTRIENLA GENBAU GMBH	19/08/2005	MUMBAI
186	203659	IN/PCT/2000/00 391/MUM	13/09/2000	26/03/1998	A MULTILINE FIXED CELLULAR COMMUNICATIO N SYSTEM	ERICSSON INC.	15/07/2005	MUMBAI
187	203660	978/MUM/2002	13/11/2002		IMPROVED COSMETIC COMPOSITION	HINDUSTAN LEVER LIMITED	13/05/2005	MUMBAI
188	203661	IN/PCT/2000/00 485/MUM	10/10/2000	19/03/1999	NOVEL PREPARATION PROCESS OF N,N'-DIALKYL ALKANE DIAMINE	MITSUI CHEMICALS INC.	15/07/2005	MUMBAI
189	203662	IN/PCT/2002/00 644/MUM	20/05/2002	01/12/1999	A METHOD TO POLYMERIZE OLEFINS	UNIVATION TECHNOLOGIE S LLC	28/02/2004	MUMBAI
190	203663	IN/PCT/2001/01 531/MUM	05/02/2001	10/06/1999	A FLUID DISPENSER DEVICE	VALOIS S. A.	21/10/2005	MUMBAI
191	203664	1163/MUM/2002	30/12/2002		A METHOD FOR INACTIVATING/IN HIBITING INTRA AND/OR EXTRA CELLULAR PROTEINASE	HINDUSTAN LEVER LIMITED	28/01/2005	MUMBAI
192	203665	IN/PCT/2001/01 461/MUM	22/11/2001	01/06/1999	AN AUTORECLOSER PROVIDED WITH AN OPERATING MECHANISM	AREVA T&D UK LTD.	09/09/2005	MUMBAI
193	203666	199/MUMNP/20 04	26/03/2004	17/10/2001	HAIR TREATMENT COMPOSITION	HINDUSTAN LEVER LIMITED	29/04/2005	MUMBAI
194	203667	IN/PCT/2001/01	18/12/2001	02/07/1999	METHOD FOR	TELEFONAKTIE	21/10/2005	MUMBAI

		606/MUM			REDUCING THE DELAY OF PACKET DATA TRANSMISSION	BOLAGET LM ERICSSON (PUBL)		
195	203668	629/MUMNP/2003	20/06/2003	04/01/2001	METHOD AND APPARATUS FOR FEEDING A STACK OF METALLIC SHEETS INTO A MELTING FURNACE	OUTOKUMPU OYJ	24/06/2005	MUMBAI
196	203669	IN/PCT/2001/00608/MUM	29/05/2001	15/12/1998	POURING TUBE	VESUVIUS CRUCIBLE COMPANY	19/08/2005	MUMBAI
197	203670	IN/PCT/2001/00779/MUM	28/06/2001	18/01/1999	ARRANGEMENT FOR SYNTHETICALLY CALCULATING REDUNDANT ATTITUDE	SAAB AB	21/10/2005	MUMBAI
198	203671	151/MUMNP/2004	27/02/2004	28/08/2001	NOVEL PIPERIDIN-2,6-DIONE BISULPHATE SALTS	PRESTWICK PHARMACEUTICALS, INC.	24/06/2005	MUMBAI
199	203672	150/MUM/2003	05/02/2003		EXTENDED RELEASE METOPROLOL SUCCINATE PHARMACEUTICAL COMPOSITIONS	M/S. IPCA LABORATORIES LIMITED	04/02/2005	MUMBAI
200	203673	IN/PCT/2001/01653/MUM	27/12/2001	14/07/1999	NARROWBAND APPLICATIONS USING ATM SWITCHING AND TRANSPORT	TELEFONAKTIE BOLAGET LM ERICSSON [PUBL]	21/10/2005	MUMBAI
201	203674	IN/PCT/2001/00675/MUM	08/06/2001	18/12/1998	CAVITY FILTER	TELEFONAKTIE BOLAGET LM ERICSSON [PUBL]	17/06/2005	MUMBAI
202	203675	IN/PCT/2000/00654/MUM	22/11/2000	28/05/1998	AN ASSEMBLY COMPOSED OF A REMOVABLE COATING COUPLED TO A RECEPTACLE FOR COLLECTION OF DIRT AND MEANS TO CONNECT THE COATING TO THE CONTAINER	FERNANDO ALBERTO GRAZZIOTIN	15/07/2005	MUMBAI
203	203675	IN/PCT/2000/654/MUM	22/11/2000	28/05/1998	AN ASSEMBLY COMPOSED OF A REMOVABLE	FERNANDO ALBERTO GRAZZIOTIN	15/07/2005	MUMBAI

					COATING COUPLED TO A RECEPTACLE FOR COLLECTION OF DIRT AND MEANS TO CONNECT THE COATING TO THE CONTAINER			
204	203676	131/MUM/2002	13/02/2002		IMPROVED DETERGENT BAR AND PROCESS OF MANUFACTURE	HINDUSTAN LEVER LIMITED	13/05/2005	MUMBAI
205	203677	IN/PCT/2001/00907/MUM	30/07/2001	12/02/1999	AN APPARATUS FOR MEASURING A MASS FLOW	SCHENCK PROCESS GMBH	17/06/2005	MUMBAI
206	203678	547/MUMNP/2004	30/09/2004	04/04/2002	CARTRIDGE HOLDER FOR AUTOMATED REPROCESSOR	STERIS INC.	18/02/2005	MUMBAI
207	203679	IN/PCT/2001/00404/MUM	17/04/2001	20/10/1998	GAS-INSULATED SWITCHGEAR DEVICE	ABB RICERCA SPA	06/01/2006	MUMBAI
208	203680	IN/PCT/2000/00679/MUM	29/11/2000	12/06/1998	A BANKNOTE HANDLING MACHINE	NYBHOV DEVELOPMENT AB	15/07/2005	MUMBAI
209	203681	IN/PCT/2002/00704/MUM	30/05/2002	21/12/1999	A PROCESS FOR PREPARING 2-(1-CHLORO-CYCLOPROP-1-YL)-1-(2-CHLORO-PHENYL)-3-(4,5-DIHYDRO-1,2,4-TRIAZOLE-5-THIONO-1-YL)-PROPAN-2-OL	BAYER AKTINEGESELLSCHAFT	28/02/2004	MUMBAI
210	203682	304/MUM/2003	26/03/2003	28/03/2002	A PROCESS FOR DISPENSING INTO A CONTAINER A PORTION OF A CONSUMABLE PRODUCT	HINDUSTAN LEVER LIMITED	04/02/2005	MUMBAI
211	203683	529/MUM/2003	26/05/2003	09/07/2002	THREAD SPLICING/SPLITTING EQUIPMENT	SAURER GMBH & CO., KG.	11/02/2005	MUMBAI
212	203684	1167/MUM/2002	30/12/2002	02/01/2002	A LAMINATED BUSHING ASSEMBLY	MERITOR LIGHT VEHICLE TECHNOLOGY, LLC.	28/01/2005	MUMBAI
213	203685	IN/PCT/2001/01626/MUM	20/12/2001	15/07/1999	PROCESS FOR THE PREPARATION OF SPIRO-[CIS-4-	SANOFI-SYNTHELABO	17/06/2005	MUMBAI

					(β -HYDROXYETHYL OXY)CYCLOHEXANE-[3H]INDOL]-2'[1'H]ONE DERIVATIVES			
214	203686	IN/PCT/2001/00324/MUM	22/03/2001	16/09/1998	METHOD AND SYSTEM FOR ALTERNATING TRANSMISSION OF CODEC MODE INFORMATION	TELEFONAKTIE BOLAGET LM ERICSSON [PUBL]	19/08/2005	MUMBAI
215	203687	IN/PCT/2002/00635/MUM	17/05/2002	26/11/1999	A METHOD OF AMENDING DATABASE CONTENTS	COMPUTER ASSOCIATES THINK, INC.	28/02/2004	MUMBAI
216	203688	IN/PCT/2000/00262/MUM	04/08/2000	17/12/1998	RADIOGRAPHIC CONTROL OF AN OBJECT HAVING A CRYSTAL LATTICE	SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "SNECMA"	15/07/2005	MUMBAI
217	203689	IN/PCT/2002/00717/MUM	03/06/2002	14/02/2000	PUPIL CENTER DETERMINATION RECORDER	HOSHINO, RYUICHI	13/03/2004	MUMBAI
218	203690	IN/PCT/2001/00335/MUM	27/03/2001	28/09/1998	A COMPOUND FOR USE AS AN ANTI-VIRAL AGENT AND A PROCESS FOR PREPARATION THE SAME	1)UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED 2)REGA FOUNDATION	04/03/2005	MUMBAI
219	203691	IN/PCT/2001/00990/MUM	17/08/2001	03/03/1999	A PROCESS FOR PRODUCING COMPACTED FREE-FLOWING LACQUER RAW MATERIALS BASED ON NITROCELLULOSE	WOLFF WALSRODE AG	15/07/2005	MUMBAI
220	203692	611/MUM/2001	02/07/2001	21/07/2000	A SECONDARY BATTERY CHARGING DEVICE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	12/08/2005	MUMBAI
221	203693	IN/PCT/2002/00122/MUM	29/01/2002	03/08/1999	SELF-WARMING RINSE CARE COMPOSITIONS	HINDUSTAN LEVER LIMITED	15/07/2005	MUMBAI
222	203694	IN/PCT/2001/01083/MUM	11/09/2001	17/03/1999	SYSTEM AND METHOD FOR MAINTENANCE CHARGING OF BATTERY CELLS	TELEFONAKTIE BOLAGET LM ERICSSON (PUBL)	01/04/2005	MUMBAI
223	203695	IN/PCT/2002/01350/MUM	30/09/2002	18/04/2000	A METHOD AND SYSTEM OF	ORBITAL ENGINE	21/01/2005	MUMBAI

					CONTROLLING THE SPEED OF AN ENGINE OPERATING IN A CRANK OR IDLE STATE	COMPANY (AUSTRALIA) PTY. LIMITED		
224	203696	IN/PCT/2000/00251/MUM	02/08/2000	20/03/1998	A KNIFE ICE AND BALLISTIC THREAT PENETRATION RESISTANT ARTICLE	E.I DU PONT DE NEMOURS AND COMPANY	15/07/2005	MUMBAI
225	203697	IN/PCT/2001/01063/MUM	06/09/2001	17/03/1999	METHOD AND APPARATUS FOR MANUFACTURING INNERSPRING ASSEMBLIES	SPRINGFORM TECHNOLOGY LIMITED	17/06/2005	MUMBAI
226	203698	IN/PCT/2002/00982/MUM	18/07/2002	24/01/2000	FLUID PERMEABLE FLEXIBLE GRAPHITE ARTICLE WITH ENHANCED ELECTRICAL AND THERMAL CONDUCTIVITY	GRAFTECH INC.	24/04/2004	MUMBAI
227	203699	IN/PCT/2002/00920/MUM	08/07/2002	03/02/2000	COLOUR SWITCH	ROLIC AG	17/04/2004	MUMBAI
228	203700	IN/PCT/2002/00291/MUM	08/03/2002	10/09/1999	SUSPENDING CLEAR CLEANSING COMPOSITION	HINDUSTAN LEVER LIMITED	15/07/2005	MUMBAI
229	203701	IN/PCT/2001/00573/MUM	21/05/2001	13/11/1998	ELECTRIC MACHINE	MERLEX CORPORATION PTY LTD.	15/07/2005	MUMBAI
230	203702	IN/PCT/2001/01371/MUM	07/11/2001	09/06/1999	HEATER WIRE FOR DEVICE SUCH AS IMPULSE SEALER	SAKAMOTO, ATSUNOBU AND SAKAMOTO KAZUKO	18/02/2005	MUMBAI
231	203703	IN/PCT/2000/00584/MUM	03/11/2000	18/05/1998	AN ANTENNA SYSTEM FOR TRANSMITTING AND RECEIVING RF WAVES	AMC CENTURION AB	15/07/2005	MUMBAI
232	203704	209/MUM/2002	05/03/2002		AN IMPROVED PROCESS FOR THE PREPARATION OF 2,4-DINITROIMIDAZOLE(2,4-DNI)	PROF. AKAMANCHI. KRISHNACHAR YA GOVINDACHAR YA	13/05/2005	MUMBAI
233	203705	506/MUM/2003	20/05/2003		A CHEMICAL METHOD FOR THE DEPOSITION OF	1) DR. CHANDRAKANT DNYANDEV LOKHANDE 2)	10/06/2005	MUMBAI

					CuInSe ₂ AND CuInTe ₂ THIN FILMS	MR. HABIB MOHIDDIN PATHAN		
234	203706	IN/PCT/2000/00 458/MUM	29/09/2000	15/05/1998	GAMMA- AMINO BUTYRIC ACID DERIVATIVES CONTAINING, SOLID COMPOSITIONS AND PROCESS FOR PREPARING THE SAME	WARNER- LAMBERT COMPANY	15/07/2005	MUMBAI
235	203707	IN/PCT/2001/01 207/MUM	03/10/2001	09/04/1999	A CLOSURE DEVICE FOR CLOSING OFF THE DISPENSING ORIFICE OF A FLUID DISPENSER	VALOIS S.A.	17/06/2005	MUMBAI
236	203708	1008/MUMNP/2 003	31/10/2003	18/05/2001	A DAMPING MECHANISM USED IN A TENSIONER	THE GATES CORPORATION	24/06/2005	MUMBAI
237	203709	460/MUM/2003	12/05/2003		PROCESS FOR PREPARATION OF SKIN CARE COMPOSITION BY COMBINING MICRO- NUTRIENTS WITH AYURVEDIC SUBSTANCES	MATHURAKAVI SRINIVASA RAGHAVAN AYYANGAR	11/02/2005	MUMBAI
238	203710	653MUMNP/200 3	27/06/2003	28/12/2000	STABLE SKIN CARE PRODUCT CONTAINING A RETINOID AND A RETINOID BOOSTER SYSTEM IN A DUAL COMPARTMENT PACKAGE	HINDUSTAN LEVER LIMITED	24/06/2005	MUMBAI
239	203711	IN/PCT/2000/00 033/MUM	12/05/2000	24/09/1998	PROCESS FOR CATALYTICALLY OXIDIZING H ₂ S CONTAINED AT LOW CONCENTRATIO N IN A GAS DIRECTLY TO SULPHUR	ELF EXPLORATION PRODUCTION	17/06/2005	MUMBAI
240	203712	IN/PCT/2000/00 581/MUM	02/11/2000	25/02/1999	A METHOD FOR IDENTIFYING THE VACCINE VIRUS STRAIN	THE RESEARCH FOUNDATION FOR MICROBAL	15/07/2005	MUMBAI

					AND PROCESS FOR PREPARING DNA FRAGMENT ENCODING GENE 62 AND PROTEIN AS A ANTIGEN	DISEASES OF OSAKA UNIVERSITY		
241	203713	IN/PCT/2000/00462/MUM	03/10/2000	23/04/1998	A METHOD OF MAKING A FIBER AND A STAPLE BLEND COMPRISING THE SAME	E I DU PONT DE NEMOURS & COMPANY	15/07/2005	MUMBAI
242	203714	IN/PCT/2001/00315/MUM	21/03/2001	06/10/1998	A METHOD AND AN ARRANGEMENT IN A RADIO SYSTEM	TELEFONAKTIE BOLAGET LM ERICSSON [PUBL]	09/09/2005	MUMBAI
243	203715	532/MUMNP/2003	23/05/2003	20/11/2000	IMPROVED PROCESS FOR PREPARATION OF WATER SOLUBLE AZOLE COMPOUNDS	BRISTOL-MYERS SQUIBB COMPANY	11/02/2005	MUMBAI
244	203716	IN/PCT/2001/00551/MUM	11/05/2001	23/11/1998	A METHOD AND APPARATUS FOR PRESERVING PERCEPTUALLY RELEVANT NON-SPEECH INFORMATON IN AN AUDIO SIGNAL	TELEFONAKTIE BOLAGET LM ERICSSON [PUBL]	17/06/2005	MUMBAI
245	203717	IN/PCT/2000/00724/MUM	12/12/2000	29/05/1998	POWER FACTOR CORRECTION DEVICE	ALSTOM UK LTD.	15/07/2005	MUMBAI
246	203718	589/MUMNP/2003	10/06/2003	24/01/2001	A SOLUTION COMPOSITION	E.I. DU PONT DE NEMOURS AND COMPANY	11/02/2005	MUMBAI

PUBLICATION UNDER SECTION 43 (2)

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.

Sl. No	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	206693	IN/PCT/2000/00339/KOL	21/09/2000	6/4/1998	HIGH DENSITY POLYETHYLENE COMPOSITIONS, A PROCESS FOR THE PRODUCTION THEREOF AND FILMS PREPARED THEREOF	BOREALIS POLYMERS OY	27/01/2006	KOLKATA
2	206694	IN/PCT/2000/00461/KOL	31/10/2000	1/4/1999	"A METHOD OF PRODUCING AN ALUMINIUM CYLINDER BLOCK HAVING AT LEAST ONE WEAR-RESISTANT AND TRIBOLOGICALLY OPTIMIZED CYLINDER RUNNING FACE AND DEVICE FOR CARRYING OUT THE METHOD"	VAW ALUMINIUM AG.,	13/01/2006	KOLKATA
3	206695	IN/PCT/2000/00518/KOL	15/11/2000	30/05/1998	"NITRIC OXIDE SYNTHASE INHIBITORS"	GLAXO GROUP LTD	7/10/2005	KOLKATA
4	206696	IN/PCT/2000/00596/KOL	6/12/2000	18/06/1998	"A REFERENCE COMPOUND FOR USE IN THE ANALYSIS OF LEVOSIMEDAN BATCHES"	ORION CORPORATION	10/3/2006	KOLKATA
5	206697	IN/PCT/2000/00651/KOL	20/12/2000	29/06/1998	"A MEMBRANE SYSTEM"	MICROBAN PRODUCTS COMPANY	10/2/2006	KOLKATA
6	206698	IN/PCT/2001/00084/KOL	19/01/2001	20/05/1999	INTERLEAVING APPARATUS AND METHOD FOR USE IN SERIAL CONCATENATED CONVOLUTIONAL CODE ENCODER IN A MOBILE COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO. LTD	10/2/2006	KOLKATA
7	206699	IN/PCT/2001/00152/KOL	6/2/2001	30/06/1999	"A METHOD FOR CONTROLLING DATA FLOW IN AN ELECTRONIC ELECTRICITY METER AND AN ELECTRONIC ELECTRICITY METER THEREFOR"	GENERAL ELECTRIC COMPANY	24/03/2006	KOLKATA

8	206700	IN/PCT/2001/00182/K OL	14/02/2001	31/08/199 8	"A PROCESS FOR TREATING AN AQUEOUS LIQUID"	NALCO CHEMICAL COMPANY	17/03/2006	KOLKATA
9	206701	IN/PCT/2001/00202/K OL	19/02/2001	17/08/199 8	GAS AND STEAM TURBINE UNIT	SIEMENS AKTIENGESELLS CHAFT	25/11/2005	KOLKATA
10	206702	IN/PCT/2001/00328/K OL	22/03/2001	8/10/1998	"LIGHT BEAM DISPLAY"	ADVANCED LASER TECHNOLOGIES.. .INC.	30/12/2005	KOLKATA
11	206703	IN/PCT/2001/00420/K OL	12/4/2001	14/10/199 8	METHOD AND APPARATUS FOR MANAGING THE CONFIGURATION AND FUNCTIONALITY OF A SEMICONDUCTOR DESIGN	ARC CORES LTD	10/2/2006	KOLKATA
12	206704	IN/PCT/2001/00449/K OL	23/04/2001	7/9/1999	'A METHOD FOR THE SYNTHESIS OF METHANOL AND A SYSTEM THEREOF'.	UHDE GMBH	10/2/2006	KOLKATA
13	206705	IN/PCT/2001/00876/K OL	24/08/2001	1/3/1999	ORALLY DISPERSIBLE TABLET WITH LOW FRIABILITY AND METHOD FOR PRODUCING SAME	ETHYPHARM	2/9/2005	KOLKATA
14	206706	IN/PCT/2001/00901/K OL	31/08/2001	2/2/1999	"A PLASTIC CORNER"	PCC TECHNOLOGIES PLC	3/2/2006	KOLKATA
15	206707	IN/PCT/2001/00914/K OL	4/9/2001	18/02/199 9	"AN AIR COMPARTMENT OF A CORNER WINDBOX OF A TANGENTIAL FIRING SYSTEM OF A FOSSIL FUEL FIRED FURANCE"	ALSTOM POWER INC.,	3/2/2006	KOLKATA
16	206708	IN/PCT/2001/01191/K OL	16/11/2001	2/6/1999	"METHOD OF BONDING TWO SURFACES TOGETHER AND DEBONDING THEM AND A GLAZING COMPOSITION THEREFOR.	BAIN PETER STEWART,MANF RE GIOVANNI	30/12/2005	KOLKATA
17	206709	IN/PCT/2001/01229/K OL	23/11/2001	24/05/199 9	PROJECTILE FOR DELIVERY OF A TRANQUILISER	BRYDGES PRICE RICHARD IAN	3/2/2006	KOLKATA

18	206710	IN/PCT/2002/00001/K OL	1/1/2002	13/08/199 9	MODULAR LOADING SILO PLANT.	LINTEC GMBH & CO. KG	27/01/2006	KOLKATA
19	206711	IN/PCT/2001/01273/K OL	3/12/2001	2/6/1999	A CLEANSING COMPOSITION FOR CLEANSING OF THE SKIN AND HAIR	ETHICON INC	10/3/2006	KOLKATA
20	206712	IN/PCT/2002/00021/K OL	4/1/2002	29/06/199 9	FREE FLOATING CON STELLATION COMMUNICATIONS SYSTEM AND METHOD OF COMMUNICATION	SPACE DATA CORPORATION	27/01/2006	KOLKATA
21	206713	IN/PCT/2002/00500/K OL	22/04/2002	28/12/199 9	"A SCHEDULER, AN EXTERNAL TRANSACTION QUEUE, AND SCHEDULING METHOD FOR PROCESSING DEVICES"	INTEL CORPORATION	3/2/2006	KOLKATA
22	206714	IN/PCT/2002/00567/K OL	30/04/2002	5/10/1999	AN ELONGATE MEMBER FOR LOCATING AN ARTICLE IN A LOCATION REMOTE FROM A BASE	SAFE SWIVEL PATENT CO. PTY. LTD.	3/2/2006	KOLKATA
23	206715	IN/PCT/2002/00681/K OL	21/05/2002	2/12/1999	"INTEGRATED CIRCUIT PACKAGE"	INTEL CORPORATION	11/3/2005	KOLKATA
24	206716	IN/PCT/2002/00691/K OL	21/05/2002	24/11/199 9	METHOD FOR MAPPING FORMAT IDENTIFICATION BITS ONTO A FRAME WHICH IS TO BE TRANSMITTED USING COMPRESSED MODE	SIEMENS AKTIENGESELLS CHAFT	11/3/2005	KOLKATA
25	206717	IN/PCT/2002/00918/K OL	15/07/2002	18/02/200 2	"A PROCESS FOR TREATING MATERIALS CONTAINING HYDROCARBON POLYMER CHAINS AND A PLANT THEREOF"	TESI AMBIENTE S R L	7/2/2006	KOLKATA
26	206718	IN/PCT/2002/00961/K OL	24/07/2002	24/01/200 0	"AN APPARATUS AND METHOD FOR DIGESTING AND NEUTRALISING UNDESIRABLE WASTE MATERIALS"	WASTE REDUCTION BY WASTE REDUCTION INC	3/2/2006	KOLKATA

27	206719	IN/PCT/2002/01023/KOL	8/8/2002	25/02/2000	"AN APPARATUS FOR SEPARATING UNDESIRE MATERIAL FROM COAL"	EXPORTECH COMPANY INC.,	18/03/2005	KOLKATA
28	206720	IN/PCT/2002/01103/KOL	27/08/2002	25/02/2000	A REACTIVE TRAFFIC CALMING DEVICE	AUTOSPAN LIMITED	21/04/2006	KOLKATA
29	206721	IN/PCT/2002/01110/KOL	28/08/2002	6/2/2001	MEDIATION APPARATUS AND METHOD AND A MOBILE PHONE"	NTT DOCOMO, INC	3/2/2006	KOLKATA
30	206722	IN/PCT/2002/01261/KOL	7/10/2002	20/04/2000	"A METHOD OF PREAPARING A CONTACT MASS"	GENERAL ELECTRIC COMPANY	17/06/2005	KOLKATA
31	206723	IN/PCT/2002/01301/KOL	18/10/2002	18/04/2000	A PYRIDINE-1-OXIDE DERIVATIVE, AND PROCESS FOR ITS TRANSFORMATION INTO PHARMACEUTICAL LY EFFECTIVE COMPOUNDS"	BIOREX KUTATO ES FEJLESZTO RT	11/3/2005	KOLKATA
32	206724	IN/PCT/2002/01190/KOL	20/09/2002	22/03/2000	STABLE INITIATOR SYSTEM.	JOHNSON & JOHNSON VISSION CARE, INC	11/3/2005	KOLKATA
33	206725	IN/PCT/2002/01392/KOL	12/11/2002	1/5/2000	"AN AIR FOLL ON A BLADE FOR A POWER WIND TURBINE"	ENRON WIND ENERGY SYSTEMS CORPORATION	10/2/2006	KOLKATA
34	206726	IN/PCT/2002/01436/KOL	22/11/2002	8/6/2000	A METHOD OF PRODUCING A SECURITY PAPER OR BOARD PRODUCT CARRYING MICRO OR NANO STRUCTURES AND A SECURITY PACKAGE	AVANTONE OY	2/12/2005	KOLKATA
35	206727	IN/PCT/2002/01501/KOL	9/12/2002	11/5/2000	AN ELECTROMECHANICAL REMOTE CONTROL SWITCH	MOELLER GEBAUDEAUTOMATION KG	3/2/2006	KOLKATA
36	206728	IN/PCT/2002/01585/KOL	26/12/2002	13/07/2000	"AN APPARATUS AND METHOD FOR APPLYING ENERGY WITHIN THE BODY OF A LIVING SUBJECT"	PRORHYTHM INC	11/3/2005	KOLKATA
37	206729	IN/PCT/2002/316/KOL	6/3/2002	9/9/1999	"COUNTER-BORING TECHNIQUES FOR INK-JET PRINTHEADS"	HEWETT-PACKARD COMPANY	10/2/2006	KOLKATA

38	206730	IN/PCT/2002/501/KOL	22/04/2002	26/10/1999	"POLYPHASE TRANSVERSE FLUX MOTOR"	FISHER & PAYKEL APPLIANCES LIMITED	17/02/2006	KOLKATA
39	206731	00198/KOLNP/2003	17/02/2003	14/09/2000	"OPTICAL DISK"	ORIENT INSTRUMENT COMPUTER CO, LTD	1/7/2005	KOLKATA
40	206732	00287/KOLNP/2003	7/3/2003	4/10/2000	"PROCESS FOR THE PREPARATION OF ALKYL N-ALKYLANTHRANILATE"	PROM LIMITED	16/12/2005	KOLKATA
41	206733	00419/KOLNP/2004	31/03/2004	2/9/2001	AN ARTICLE MADE OF FERRITIC AUSTENITIC DUPLEX STAINLESS STEEL ALLOY	SANDVIK INTELLECTUAL PROPERTY AB	31/03/2006	KOLKATA
42	206734	00541/KOLNP/2004	23/04/2004	30/10/2001	DERMOPHARMACEUTICALLY AND COSMETICALLY ACTIVE	PENTAPHARM AG	21/10/2005	KOLKATA
43	206735	00815/KOLNP/2004	15/06/2004	24/11/2001	A METHOD FOR A TRANSMITTER HAVING A RADIO PROTOCOL AND A TRANSMITTER THEREFOR	LG ELECTRONICS INC.	27/01/2006	KOLKATA
44	206736	00887/KOLNP/2003	11/7/2003	12/1/2001	A DEVICE FOR MONITORING OF AN ANALYTE	THERASENSE ,INC.,	21/04/2006	KOLKATA
45	206737	01282/KOLNP/2003	8/10/2003	15/03/2001	NEBULIZER HAVING COOLING CHAMBER.	THE GOVERNMENT OF THE UNITED STATES OF AMERICA ,CREARE INCORPORATED	3/2/2006	KOLKATA
46	206738	IN/PCT/2001/00206/KOL	20/02/2001	22/09/1998	"A METHOD FOR RECEIVING AND TRANSMITTING SIGNALS IN A CDMA COMMUNICATION SYSTEM".	SIEMENS AKTIENGESELLSCHAFT,	10/2/2006	KOLKATA
47	206739	IN/PCT/2001/01059/KOL	10/10/2001	29/04/1999	"A PROCESS FOR PREPARATION OF ACQUAES ALKALINE SOLUTIONS OF REDUCED INDIGOID DYES"	DYSTAR TEXTILFARBEN GMBH & CO	3/2/2006	KOLKATA
48	206740	IN/PCT/2001/01200/KOL	16/11/2001	27/05/1999	"A DIELECTRICALLY-LOADED ANTENNA FOR OPERATION AT FREQUENCIES IN EXCESS OF 200 MHZ"	"SARANTEL LIMITED"	16/12/2005	KOLKATA

49	206741	IN/PCT/2002/01042/K OL	12/8/2002	11/2/2000	PROCESS OF REMOVING SULFUR COMPOUNDS FROM GASOLINE	GTC TECHNOLOGY CORPORATION	27/01/2006	KOLKATA
50	206742	659/KOLNP/2003	26/05/2003	22/11/200 0	A METHOD OF REDIRECTING COMMUNICATION TO AN ALTERNATIVE COMMUNICATIONS NETWORK FROM A MOBILE COMMUNICATIONS NETWORK AND A PROXY SWITCH THEREFOR	WINPHORIA NETWORKS INC.,	25/11/2005	KOLKATA
51	206743	996/KOLNP/2003	4/8/2003	28/02/200 1	OXALKYLATION PRODUCTS PRODUCED FROM EPOXIDES AND AMINES AND THEIR USE IN PIGMENT PREPARATIONS.	CLARIANT PRODUKTE (DEUTSCHLAND) GMBH.,	15/07/2005	KOLKATA
52	206744	00658/KOLNP/2003	26/05/2003	22/11/200 0	"A METHOD OF COMMUNICATION IN A MOBILE COMMUNICATION NETWORK"	WINPHORIA NETWORKS INC.,	3/2/2006	KOLKAT A