Bulletin Officiel de la Propriété Industrielle (BOPI)

Brevets d'invention

PUBLICATION
N° 08/BR / 2013
du 05 septembre 2014

Organisation
Africaine de la
Propriété
Intellectuelle

SOMMAIRE

PREMIERE PARTIE
GENERALITES

Extrait de la norme ST.3 de l'OMPI

Code normalisé à deux lettres recommandé pour la représentationdes pays ainsi que d'autres entités et des organisations internationales délivrant ou enregistrant des titres de propriété industrielle

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***Etats membres de l'OAPI**

CODES UTILISES EN MATIERE DE DOCUMENTATION DES BREVETS D'INVENTION ET DES MODELES D'UTILITE

(11) Numéro de publication.
(12) Désignation du type de document.
(19) Identification de l'office qui publie le document.
(21) Numéro d'enregistrement ou de dépôt.
(22) Date de dépôt.
(24) Date de délivrance.
(30) Pays dans lequel (lesquels) la(les) demande(s) de priorité a (ont) été déposée(s).
Date(s) de dépôt de la (des) demande(s) de priorité.

(le cas échéant)

Numéro(s) attribué(s) à la (aux) demande(s) de priorité.
(51) Classification internationale des brevets(CIB).
(54) Titre de l'invention.
(57) Abrégé.
(60) Références à d'autres documents apparentés (le cas échéant).
(71) Nom(s) du ou des demandeur(s).
(72) Nom de l'inventeur (le cas échéant) suivi éventuellement du nom de la société d'appartenance.
(73) Nom(s) du ou des titulaire(s) le cas échéant.
(Ce code n'apparaît que sur la première page du brevet délivré)
(74) Nom du mandataire en territoire OAPI (le cas échéant).

CODES UTILISES EN MATIERE D'INSCRIPTIONS DANS LE REGISTRE SPECIAL DES BREVETS D'INVENTION ET DES MODELES D'UTILITE

(1) Numéro d'enregistrement.
(2) Numéro et date de dépôt.
(3) Nature de l'inscription: le changement d'adresse ou de dénomination, la cession, la concession de licence, la renonciation, la fusion, le retrait, la radiation, le transfert, l'apport, l'annulation de la licence,l'extension des droits à un nouvel Etat membre...
(4) Bénéficiaire de l'inscription ou pays bénéficiaire de l'extension.
(5) Numéro de l'inscription.
(6) Date de l'inscription.

CLARIFICATION DU REGLEMENT RELATIF A L'EXTENSION DES DROITS SUITE A UNE NOUVELLE ADHESION A L'ACCORD DE BANGUI

RESOLUTIONN°47/32

LE CONSEIL D'ADMINISTRATION
DE L'ORGANISATION AFRICAINE DE LAPROPRIETE INTELLECTUELLE

Vu L'accord portant révision de l'accord de Bangui du 02 Mars 1977 instituant une Organisation Africaine de la Propriété Intellectuelle et ses annexes ;

Vu Les dispositions des articles 18 et 19 dudit Accord relatives Aux attributions et pouvoirs du Conseil d'Administration ;

ADOPTE la clarification du règlement du 04 décembre 1988 relatif à l'extension des droits suite à une nouvelle adhésion à l'Accord de Bangui ci-après :

Article 1er :

Le Règlement du 04 décembre 1988 relatif à l'extension des droits suite à une nouvelle adhésion à l'Accord de Bangui est réaménagé ainsi qu'il suit :

«**Article 5 (nouveau)** :

Les titulaires des titres en vigueur à l'Organisation avant la production des effets de l'adhésion d'un Etat à l'accord de Bangui ou ceux dont la demande a été déposée avant cette date et qui voudront étendre la protection dans ces Etats doivent formuler une demande d'extension à cet effet auprès de l'Organisation suivant les modalités fixées aux articles 6 à 18 ci-dessous.
Le renouvellement de la protection des titres qui n'ont pas fait l'objet d'extension avant l'échéance dudit renouvellement entraine une extension automatique des effets de la protection à l'ensemble du territoire OAPI».

Le reste sans changement.

Article 2 :

La présente clarification, qui entre en vigueur à compter du 1 er janvier 2008, s'applique aussi aux demandes d'extension en instance et sera publiée au Bulletin Officiel de l'Organisation.

Fait à Bangui le 17 décembre 2007

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Fax : (237) 22 20 57 27
www.oapi.int

DEUXIEME PARTIE
BREVETS D'INVENTION

A
REPERTOIRE NUMERIQUE

(11) **16031**

(51) B27K 3/02 (2006.01)

(21) 1201200057 - PCT/IB09/006680

(22) 30.08.2009

(30) BI n° 750/2962 du 11/08/2009

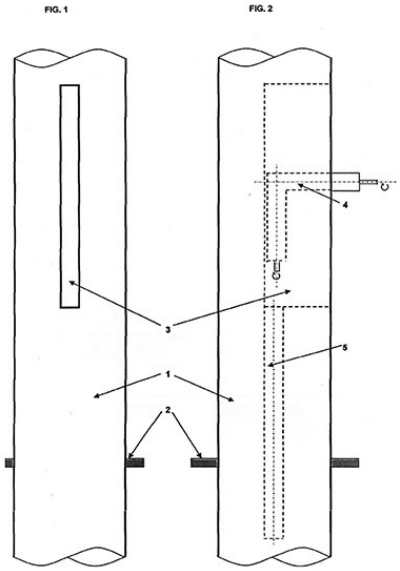
(54) Traitement au collet des poteaux bois en service.

(73) NITUNGA, Libère, B.P. 2834, BUJUMBURA (BI)

(74) Cabinet ONAMBELE-ANCHANG & Associates, B.P. 6262, YAOUNDE (CM).

(57) Une technique de traitement des poteaux bois en service, caractérisée par le perçage sur site, d'un réservoir longitudinal d'une très grande capacité dans l'axe du poteau, pour le stockage du produit antiseptique.

Ceci ouvre la voie à l'utilisation de produits de traitement écologiques et très peu chers comme le sel de cuisine.



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(11) **16032**

(51) B09C 1/08; C02F 1/72

(21) 1201200141 - PCT/IB10/054549

(22) 08.10.2010

(30) FR n° 0904860 du 09/10/2009

(54) Method for the oxydation of organic compounds.

(72) Jean-Claude SETIER; Jean-Louis PORNAIN; Jean-Sébastien DEHEZ; Frédéric PERIE; Jean-Marie BLONDEL; Roger JAQUET; Jean-Christophe RENAT; Laurent CLEMENTELLE; Wim PLAISIER.

(73) TOTAL S.A., 2 Place Jean Millier, La Défense 6, 92400 COURBEVOIE (FR)

SOLVAY, Rue du Prince Albert 33, 1050 BRUXELLES (BE)

TRAITEMENT VALORISATION DECONTAMINATION (TVD), Z.I. Clairs Chênes, 54230 CHAVIGNY (FR)

ARCADIS ESG, 9, avenue Réaumur, 92354 LE PLESSIS ROBINSON (FR)

(74) Cabinet EKANI-CONSEILS, B.P. 5852, YAOUNDE (CM).

(57) The subject of the invention is a method for oxidation of one or more organic compounds, compring placing the organic compounds in contact with at least one oxidizing agent as well as with a catalyzing agent comprising at least one source of divalent or trivalent transition metal ions and at least one poly-α-hydroxyacrylic acid and/or a poly-α-hydroxyacrylate.

Application to the depollution of soils.

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(11) **16033**

(51) C12N15/63

(21) 1201200145 - PCT/US10/051646

(22) 06.10.2010(30) US n° 61/249,253 du 06/10/2009; US n° 61/249,596 du 07/10/2009

(54) Use of toll-like receptor and agonist for treating cancer.

(72) GUDKOV, Andrei.

(73) Panacela Labs, Inc., 73 High Street, BUFFALO, 14203, New York (US)

Roswell Park Cancer Institute, Elm and Carlton Streets, BUFFALO, 14263, New York (US)

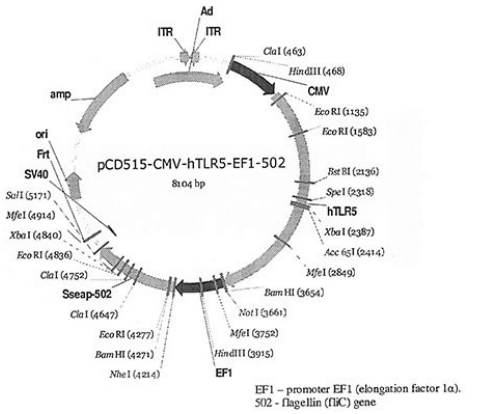
(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) The present invention is directed to methods and agents used for treating cancer or infectious diseases by providing toll-like receptors such as toll-like receptor 5 (TLR-5) in combination with providing a toll-like receptor agonists such as flagellin resulting in a cis and in-trans effect that recruits cells involved in both the innate (cis

effect) and adaptive (trans effect) immune response to specifically kill cancer cells and cells infected with a pathogen via the NF-kB apoptosis pathway.

FIGURE 1A

Mobilan = AD(TLR5+CBLB502S)



EF1 – promoter EF1 (elongation factor 1α).
502 - flagellin (fliC) gene

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(11) **16034**

(51) C07C 6/02

(21) 1201200148 - PCT/US10/052174

(22) 11.10.2010

(30) US n° 61/250,743 du 12/10/2009

(54) Methods of refining and producing fuel from natural oil feedstocks.

(72) COHEN, Steven, A.; LUETKENS, Melvin, L.; BALAKRISHNAN, Chander; SNYDER, Robert.

(73) Elevance Renewable Sciences, Inc., 2501 Davey Road, WOODRIDGE, 60517, Illinois (US)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) Methods are provided for refining natural oil feedstocks. The methods comprise reacting the feedstock in the presence of a metathesis catalyst under conditions sufficient to form a metathesized product comprising olefins and esters. In certain embodiments, the methods further comprise separating the olefins from the esters in the metathesized product. In certain embodiments, the methods further comprise hydrogenating the olefins under conditions sufficient to form a fuel composition. In certain embodiments, the methods further comprise transesterifying the esters in the presence of an alcohol to form a transesterified product.

(11) **16035**

(51) C05G 3/00; C03D 3/00; C08F 222/02

(21) 1201200149 - PCT/US10/050244

(22) 24.09.2010

(30) US n° 12/573,506 du 05/10/2009

US n° 12/573,547 du 05/10/2009

(54) Enhanced fertilizer products with polymer adjuvants.

(72) SANDERS, John Larry.

(73) Specialty Fertilizer Products, LLC, 11550 Ash Street, Suite 220, LEAWOOD, Kansas 66211 (US)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) Improved fertilizer mineral compositions are provided by coating a mineral, such as gypsum, a member of the Kieserite Group, potassium magnesium sulfate, elemental sulfur, and mixtures thereof, with low pH maleic-itaconic copolymers. The preferred copolymers are aqueous dispersions of acid or partial salt maleic-itaconic copolymers, and are applied by spraying or other means onto the surface of the mineral and allowed to dry. The copolymer coatings increase the solubility of sulfate and calcium or magnesium ions from the fertilizer minerals, allowing accelerated plant availability and uptake of such nutrients.

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(11) **16036**

(51) E21B 43/12; C09E 8/589; C10M 145/04

(21) 1201200154 - PCT/GB10/051727

(22) 13.10.2010

(30) GB n° 0918051.4 du 15/10/2009

(54) Hydrocarbons.

(72) FLETCHER Philip; CRABTREE Michael John; DALLISON Steven; PIDGEON Patrick.

(73) Oilflow Solutions Holdings Limited, c/o Fairhurst, Douglas Bank House, Wigan Lane, WIGAN, Lancashire, WN1 2TB (GB)

(74) Cabinet ÉKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).

(57) An oil production arrangement comprises an oil reservoir (4), a horizontal wellbore (6) and a vertically extending production well (8). A pump (10) is positioned at the bottom of the production well (8) for pumping fluid along the horizontal wellbore and up the production well for recovery. Tubing (12) having a fluid delivery device (14) at its end is introduced into the production well and moved downwards past the pump (10) and along the horizontal wellbore as far as possible for example close to the toe (not shown) of the wellbore or at least beyond a point in the wellbore at which it is assessed that the hydrocarbon flow has terminated because of a balance between reservoir pressure and wellbore differential pressure being achieved. From the start (or for example as soon as the tubing (12) enters the vertical annular gap between the product well and production tube) of introduction of tubing (12) into the production well and continuously thereafter a fluid is pumped through the tubing so it passes into the production well (8) as the tubing passes therethrough and into the horizontal wellbore (6) as the tubing passes therethrough. The fluid is still pumped into the horizontal wellbore after the tubing has reached its final position deep in the wellbore. The fluid is selected to enhance the mobility of oil and therefore increase the oil production rate.

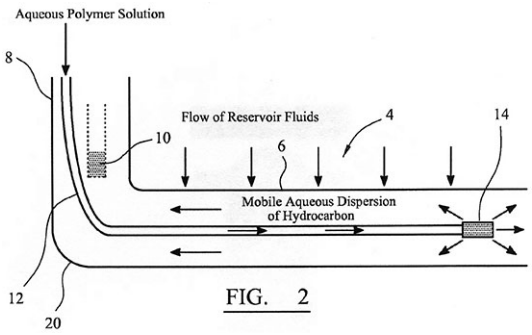

FIG. 2

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(11) **16037**

(51) C12N 9/10; C12N 15/54; G01N 33/577; A61K 39/395; C12N 9/24

(21) 1201200206 - PCT/EP10/067245

(22) 10.11.2010

(30) FR n° 0957953 du 10/11/2009

(54) Anti-trypanosomiasis vaccines and diagnostics.

(72) COUSTOU LINARES, Virginie; BALTZ, Theo; PLAZOLLES, Nicolas.

(73) Université Bordeaux Segalen, 146 rue Léo Saignat, F-33076 BORDEAUX (FR)

Centre National de la Recherche Scientifique, 3, rue Michel-Ange, F-75794 PARIS (FR)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) The present invention has as an object a novel genetic material coding for trans-sialidase-like proteins of African trypanosomes, and relates to the use of said genes and proteins in vaccines, therapeutics and diagnostics. The present invention also relates to the immunization of human and/or non-human animals against trypanosomosis.

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(11) **16038**

(51) C07D 311/34; A61K 31/519; A61P 35/00; A61P 37/06

(21) 1201200199 - PCT/IB10/002804

(22) 03.11.2010

(30) IN n° 2690/CHE/2009 du 05/11/2009

IN n° 1429/CHE/2010 du 24/05/2010

US n° 61/364,661 du 15/07/2010

(54) Novel benzopyran kinase modulators.

(72) MUTHUPPALANIAPPAN, Meyyappan; VISWANADHA, Srikant; BABU, Govindarajulu; VAKKALANKA, Swaroop Kumar V. S.

(73) Rhizen Pharmaceuticals S.A., Fritz Courvoisier 40, CH-2300 LA CHAUX-DE-FONDS (CH)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) The present invention provides PI3K protein kinase modulators, methods of preparing them, pharmaceutical compositions containing them and methods of treatment, prevention and/or amelioration of kinase mediated diseases or disorders with them.

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(11) **16039**

(51) C07D 413/12; C07D 413/14; C07D 419/12

(21) 1201200243 - PCT/EP10/068605

(22) 01.12.2010

(30) EP n° 09177640.1 du 01/12/2009

EP n° 10186537.6 du 05/10/2010

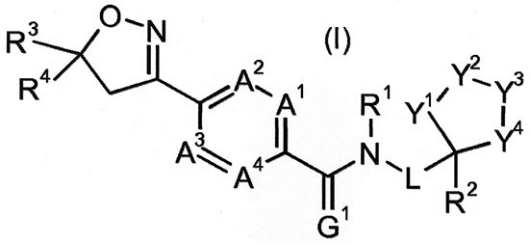
(54) Insecticidal compounds based on isoxazoline derivatives.

(72) TOUEG Julie Clementine; CASSAYRE Jérôme Yves; RENOLD Peter; EL QACEMI Myriem; PITTERNA Thomas.

(73) SYNGENTA PARTICIPATIONS AG, Schwarzwaldallee 215, 4058 BASEL (CH)

(74) Cabinet CAZENAVE SARL, B.P. 500, YAOUNDE (CM).

(57) The present invention relates to compounds of formula (I) : Wherein A^1, A^2, A^3, A^4, G^1, L, Y^1, Y^2, Y^3, Y^4, R^1, R^2, R^3 and R^4 are as defined in claim 1; or a salt or N-oxide thereof. Furthermore, the present invention relates to intermediates for preparing compounds of formula (I), to compositions comprising them and to methods of using them to combat and control insect, acarine, nematode and mollusc pests.



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(11) **16040**

(51) A61K 31/403; A61P 25/00; C07D 209/52

(21) 1201200252

(22) 08.06.2012

(30) FR n° 11/01746 du 08/06/2011

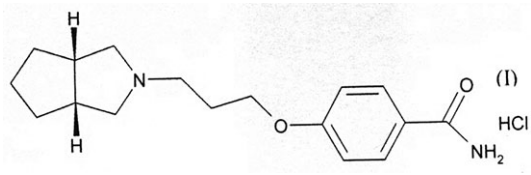
(54) Procédé de synthèse et forme cristalline du chlorhydrate de 4-{3-[cis-hexahydroclopenta[C]pyrrol-2(1H)-yl]propoxy}benzamide ainsi que les compositions pharmaceutiques qui la contiennent.

(72) Nicolas ROBERT; Jean-Michel LERESTIF; Jean-Pierre LECOUVE; Marina GAILLARD; Loic MEUNIER (décédé); Philippe LETELLIER; Mathieu BOIRET.

(73) LES LABORATOIRES SERVIER, 35, rue de Verdun, 92284 SURESNES CEDEX (FR)

(74) Cabinet EKANI-CONSEILS, B.P. 5852, YAOUNDE (CM).

(57) Procédé de synthèse industriel et forme cristalline I du composé de formule (I) :



ainsi que la forme cristalline I de la base libre associée.

Médicaments.

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(11) **16041**

(51) C07D 209/52; A61K 31/403

(21) 1201200255 - PCT/FR10/000823

(22) 08.12.2010

(30) FR n° 09.05953 du 09/12/2009

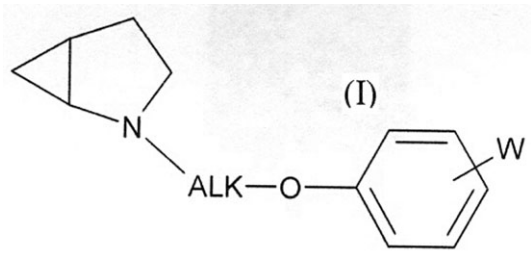
(54) Nouveaux dérivés azabicyclo[3.1.0]hex-2-yl, leur procédé de préparation et les compositions pharmaceutiques qui les contiennent.

(72) Patrick CASARA; Anne-Marie CHOLLET; Alain DHAINAUT; Jean-Michel HENLIN; Pierre LESTAGE; Fany PANAYI.

(73) LES LABORATOIRES SERVIER, 35, rue de Verdun , 92284 SURESNES CEDEX (FR)

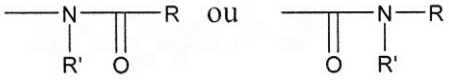
(74) Cabinet EKANI-CONSEILS, B.P. 5852, YAOUNDE (CM).

(57) Composés de formule (I) :



dans laquelle :

* ALK représente une chaîne alkylène,

* W représente un groupement  ou

où R et R' sont tels que définis dans la description.

Médicament.

(11) **16042**

(51) A61K 31/165; A61P 1/00; A61P 15/00; A61P 25/00; A61P 3/10; A61P 35/00;

A61P 37/02; A61P 39/00; C07C 233/18

(21) 1201200256

(22) 11.06.2012

(30) FR n° 11/01766 du 09/06/2011

CN n° 201110245039.6 du 25/08/2011

(54) Nouveaux co-cristaux d'agomélatine, leur procédé de préparation et les compositions pharmaceutiques qui les contiennent.

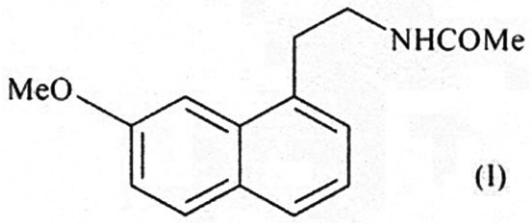
(72) Philipe LETELLIER; Michael LYNCH; Jean-Manuel PEAN.

(73) LES LABORATOIRES SERVIER, 35, rue de Verdun, 92284 SURESNES CEDEX (FR)

(74) Cabinet EKANI-CONSEILS, B.P. 5852, YAOUNDE (CM).

(57) Nouveau co-cristal d'agomélatine constitué :

- d'agomélatine ou N-[2-(7-méthoxy-1-naphtyl)éthyl]acétamide de formule (I)



et

- d'un acide organique

Médicaments.

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(11) **16043**

(51) C07D 401/14; A61K 31/4993;

C07D 495/04; A61K 31/551; A61P 25/00

(21) 1201200258 - PCT/FR10/052686

(22) 13.12.2010

(30) FR n° 09/06025 du 14/12/2009

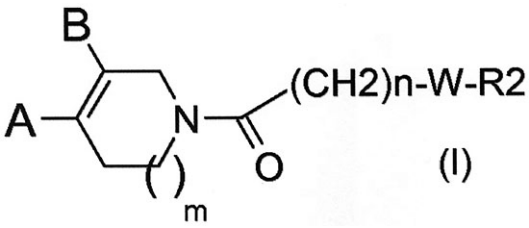
(54) Nouveaux dérivés (hétérocycle-tétrahydro-pyridine)-(pipérazinyl)-1-alcanone et ((hétérocycle-dihydro-pyrrolidine)-(pipérazinyl)-1-alcanone et leur utilisation comme inhibiteurs de p75.

(72) BARONI Marco; BONO Françoise; DELBARY-GOSSART Sandrine; VERCESI Valentina.

(73) SANOFI, 54, rue la Boétie, 75008 PARIS (FR)

(74) Cabinet CAZENAVE SARL, B.P. 500, YAOUNDE (CM).

(57) L'invention concerne les dérivés (hétérocycle-tétrahydro-pyridine)-(pipérazinyl)-1-alcanone et (hétérocycle-dihydro-pyrrolidine)-(pipérazinyl)-1-alcanone de formule générale (I) dans laquelle A, B, m, W, n, et R2 sont tels que définis dans la revendication 1, ainsi que leur procédé de préparation et leur application en thérapeutique.



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(11) **16044**

(51) C07D 471/04; A61K 31/381; C07D 495/04; A61K 31/429; C07D 513/00

(21) 1201200259 - PCT/FR10/052685

(22) 13.12.2010

(30) FR n° 0906023 du 14/12/2009

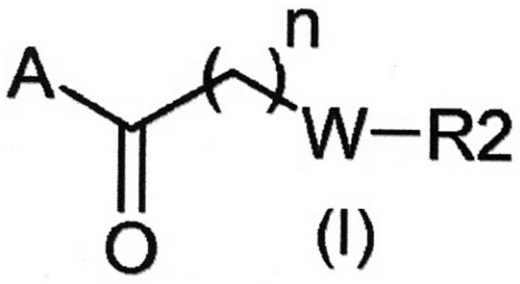
(54) Nouveaux dérivés d'(hétérocycle-pipéridine condensée)-(pipérazinyl)-1-alcanone ou d'(hétéro-cycle-pyrrolidine condensée)-(pipérazinyl)-1-alcanone et leur utilisation comme inhibiteurs de p75.

(72) BARONI Marco; BONO Françoise; DELBARY-GOSSART Sandrine; VERCESI Valentina.

(73) SANOFI, 54, rue de la Boétie, 75008 PARIS (FR)(74) Cabinet CAZENAVE SARL, B.P. 500, YAOUNDE (CM).

(57) L'invention concerne des dérivés d'(hétérocycle-pipéridine condensées)-(pipéra-zinyl)-1-alcanone et d'(hétérocycle-pyrrolidine condensées)-(pipérazinyl)-1-alcanone de formule générale (I), dans laquelle A, W, n, et R2 sont tels que définis dans la revendication 1, ainsi que leur

procédé de préparation et leur application en thérapeutique.



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(11) **16045**

(51) B03D 3/06; C08J 3/09; C01F 7/06

(21) 1201200261 - PCT/US11/023874

(22) 07.02.2011

(30) US n° 61/303,874 du 12/02/2010

(54) Flocculant compositions containing silicon-containing polymers.

(72) CHEN, Haunn-Lin, (Tony); CYWAR, Douglas, A.; DAVIS, Matthew, J.; LEWELLYN, Morris.

(73) CYTEC TECHNOLOGY CORP., 300 Delaware Avenue, WILMINGTON, DE 19801 (US)

(74) SCP AKKUM, AKKUM & Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

(57) A flocculant composition that includes a blend of a first water-in-oil emulsion having a silicon-containing polymer in its aqueous phase and a second water-in-oil emulsion having an anionic polymer in its aqueous phase. The silicon-containing polymer and the anionic polymer are present in the composition at a weight ratio between 100:1 and 1:100.

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(11) **16046**

(51) B01D 17/02

(21) 1201200265 - PCT/US10/058541

(22) 01.12.2010

(30) US n° 61/286,430 du 15/12/2009

(54) Methods and compositions for the removal of impurities from an impurity-loaded ionic liquid.

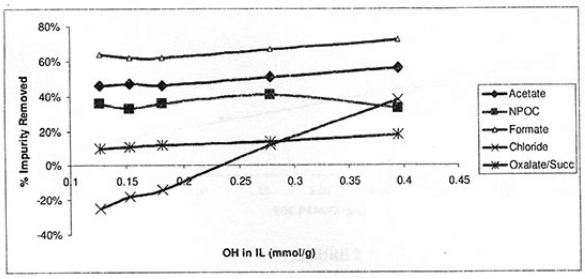
(72) LEAN, John; GRIFFIN, Scott; TAYLOR, Matthew.

(73) CYTEC TECHNOLOGY CORP., 300 Delaware Avenue, WILMINGTON, DE 19801 (US)

(74) SCP AKKUM, AKKUM & Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

(57) Methods of removing impurities from an impurity-loaded organic salt solution by intermixing the impurity-loaded organic salt solution with a stripping solution to form a biphasic mixture, wherein the intermixing effectively reduces the concentration of impurities in the impurity-loaded organic salt, thereby removing impurities from the organic salt and forming an impurity-reduced organic salt solution phase and a stripping solution phase are provided herein.

Figure 1. Change in percent impurities removed with hydroxide concentration.



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(11) **16047**

(51) A47G 21/18; C02F 1/00; B01D 63/02

(21) 1201200267 - PCT/DK09/050344

(22) 18.12.2009

(54) Drinking straw with hollow fribre liquid filter.

(72) VESTERGAARD FRANDSEN, Mikkel; FRAUCHIGER, Daniel; BOTTEMA, Roelie.

(73) VESTERGAARD FRANDSEN SA, Chemin Messidor 5-7, CH-1006 LAUSANNE (CH)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) A liquid filtration method and device, for example a drinking straw with a mouthpiece, and a bundle of hollow fibres. The open ends of the fibres are embedded in a base and provided in a compartment between the base and a liquid outlet. Water or other liquid flows into the inner

volume of the hollow fibres and from there through their filtering membrane walls and into the compartment before the liquid flows out through the liquid outlet, for example the mouthpiece.

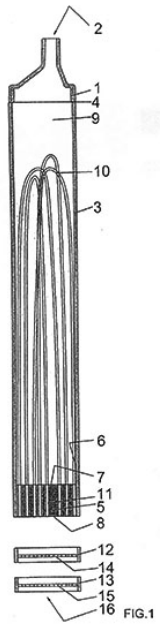

FIG.1

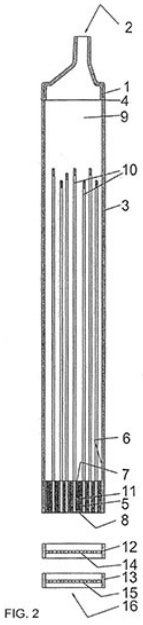

FIG. 2

(11) **16048**

(51) A61M 5/178; A61M 5/32

(21) 1201200268 - PCT/GB10/052078

(22) 13.12.2010

(30) GB n° 0921939.5 du 16/12/2009

GB n° 1007934.1 du 12/05/2010

(54) Syringes.

(72) MADIN, Graham, John.

(73) STAR SYRINGE LIMITED, One Vine Street, LONDON W1J 0AH (GB)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) A syringe for delivering medication through an intravenous port, or for providing a combination of medications comprises a barrel (1) having a plunger (2) in slidable and sealing engagement therein, and a piercing member (3) formed integrally with the barrel. The piercing member (3) has a bore (15) in communication with the distal end of the barrel, and a piercing point (17) and an aperture(18) at its distal end (22). The distal end of the barrel is also able to sealingly connect to a transport cap (30), an intravenous port or an injection needle. The distal end (22) of the piercing member (3) is removable and has an external recess (19) and a corresponding internal step (21) to define a separation plane (20) for the distal end (22).The piercing member (3) is used to draw up one or more medications into the barrel (1), and is then removed to enable the transport cap (30) to be attached to seal the contents. For injection, the transport cap (30) is removed and a standard needle attached. For delivery through an intravenous port, the transport cap (30) is removed and the syringe attached to the port. The external recess (19) and internal step (21) enables the distal end (22) to be removed with a minimum of force, and with a clean break, to reduce the risk of plastics particles entering the barrel

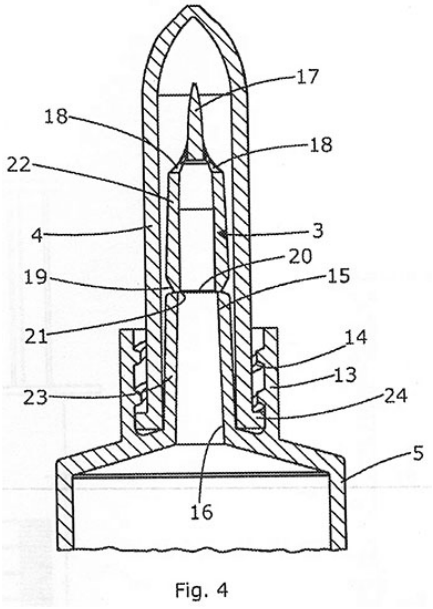

Fig. 4

(11) **16049**

(51) C07D 471/04; A61K 31/519; C07D 487/04; A61P 25/00

(21) 1201200269 - PCT/DK10/050341

(22) 15.12.2010

(30) DK n° PA 2009 01339 du 17/12/2009

(54) Heteroaromatic phenylimidazole derivatives as PDE10A enzyme inhibitors.

(72) PÜSCHL, Ask; NIELSEN, Jacob; KEHLER, Jan; KILBURN, John, Paul; MARIGO, Mauro; LANGGÅRD, Morten.

(73) H. LUNDBECK A/S, Ottiliavej 9, DK-2500 VALBY (DK)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) This invention is directed to compounds, which are PDE10A enzyme inhibitors. The invention provides a pharmaceutical composition comprising a therapeutically effective amount of a compound of the invention and a pharmaceutically acceptable carrier. The present invention also provides processes for the preparation of the compounds of formula I. The present invention further provides a method of treating a subject suffering from a neurodegenerative disorder comprising administering to the subject a therapeutically effective amount of a compound of formula I. The present invention also provides a method of treating a subject suffering from a drug addiction comprising administering to the subject a therapeutically effective amount of a compound of formula I. The present invention further provides a method of treating a subject suffering from a psychiatric disorder comprising administering to the subject a therapeutically effective amount of a compound of formula I.

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(11) **16050**

(51) C12P 19/04; B01D 61/14; C08B 37/00

(21) 1201200274 - PCT/EP10/069518

(22) 13.12.2010

(30) EP n° 09179716.7 du 17/12/2009;

US n° 61/287224 du 17/12/2009

(54) Method for producing homopolysaccharides.

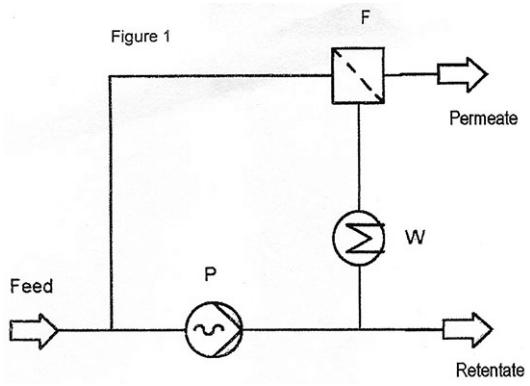
(72) FAUST, Tillmann; HOLLMANN Rajan; THERRE Jörg; VOß Hartwig; SCHMIDT Julia Kristiane.

(73) Wintershall Holding GmbH, Friedrich-Ebert-Str. 160, 34119 KASSEL (DE)

(74) Cabinet ÉKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).

(57) Process for the preparation of aqueous solutions of glucans having a ß-1,3-glycosidically linked main chain and side groups having a ß-1,6-glycosidic bond thereto by fermentation of fungal strains, which secrete said glucans into the fermentation broth, in an aqueous culture medium, the separation of the glucans from the fermentation broth being effected with the use of asymmetrical filter membranes.

Figure 1



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(11) **16051**

(51) C07D 471/04; A01N 43/90; A61K 31/437; A01P 5/00; A01P 7/04; A61P 35/00

(21) 1201200276 - PCT/US10/060833

(22) 16.12.2010

(30) US n° 61/287545 du 17/12/2009

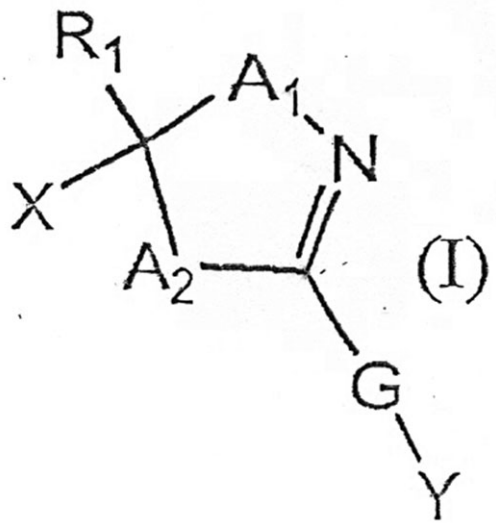
(54) Antiparasitic dihydroazole compounds and compositions comprising same.

(72) LE HIR DE FALOIS Loic Patrick; LEE Hyoung lk; WILKINSON Douglas Edward; BECK Brent Christopher.

(73) Merial Limited, 3239 Satellite Boulevard, DULUTH, GA 30096 (US)

(74) Cabinet ÉKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).

(57) The present invention relates to novel dihydroazole of formula (I) and salts thereof :



Wherein R1, A1, A2, G, X and Y are as defined in the description, compositions thereof, processes for their preparation and their uses to prevent or treat parasitic infections or infestations in animals and as pesticides.

(11) **16052**

(51) A61K 31/343; A61K 31/495; A61P 9/00

(21) 1201200277 - PCT/US10/061257

(22) 20.12.2010

(30) US n° 61/288739 du 21/12/2009

(54) Method of treating atrial fibrillation.

(72) ANTZELEVITCH Charles; BELARDINELLI Luiz; BURASH-NIKOV Alexander; SHRYOCK John; ZENG Dewan.

(73) Gilead Sciences, Inc., 333 Lakeside Drive, FOSTER CITY, CA 94404 (US)

(74) Cabinet ÉKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).

(57) The present invention relates to a method for the treatment or prevention of atrial fibrillation and/or atrial flutter comprising coadministration of a synergistically therapeutic amount of dronedarone or a pharmaceutically acceptable salt or salts thereof and a synergistically therapeutic amount of ranolazine or a pharmaceutically acceptable salt or salts thereof. Also provided are methods for modulating ventricular and atrial rhythm and rate. This invention also relates to pharmaceutical formulations that are suitable for such combined administration.

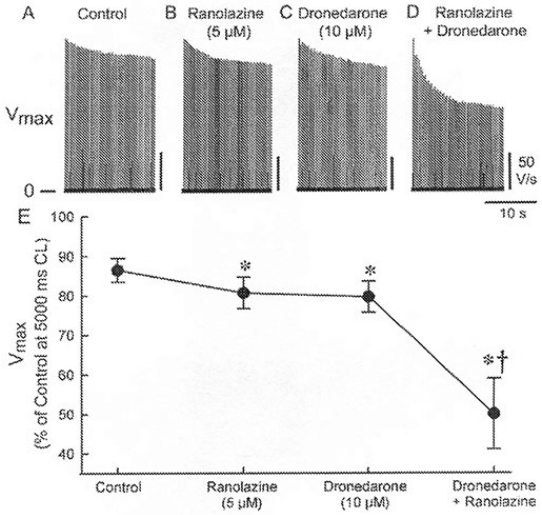


Figure 9

(11) **16053**

(51) C07K 19/00; A61K 38/16; A61P 35/00; C07K 14/245; C12N 15/31; C12N 15/62

(21) 1201200280 - PCT/CN10/070762

(22) 26.02.2010(30) CN n° 200910242838.0 du 17/12/2009

(54) Fusion polypeptide against EB virus-induced tumor and colicin Ia mutant.

(72) QIU Xiaoqing.

(73) Protein Design Lab, Ltd., Qianshajian, Sujiatuo, Haidian District, BEIJING 100095 (CN)

(74) Cabinet ÉKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).

(57) The present invention provides a fusion polypeptide against EB virus-induced tumor, which comprises an antibody or a mimetic antibody against EB virus and an ion channel forming colicin selected from E1, Ia, Ib, A, B, N and their mutants. The present invention also provides a colicin Ia mutant, which comprises mutations of G11A, H22G, A26G, V31L and H40D. The present invention also provides a gene, vector, preparation method and use of the fusion polypeptide, and provides a gene and use of the mutant.

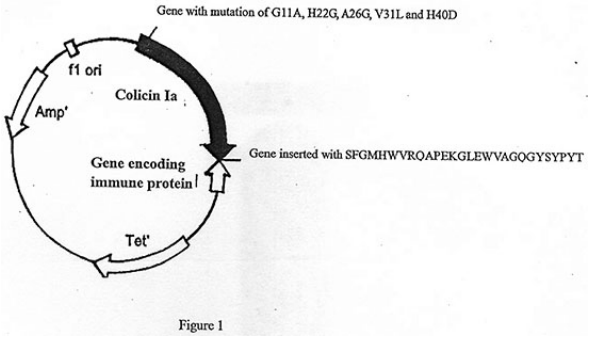


Figure 1

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(11) **16054**

(51) C09K 8/34; C10M 169/04; C10N 20/02

(21) 1201200282 - PCT/IB10/055791

(22) 14.12.2010

(30) FR n° 0959018 du 15/12/2009

(54) Composition lubrifiante biodégradable et son utilisation dans un fluide de forage notamment pour réservoirs très enfouis.

(72) ESPAGNE Bernard Jean-Luc; LAMRANI-KERN Samia; RODESCHINI Hélène.

(73) TOTAL RAFFINAGE MARKETING, 24, rue Cours Michelet, 92800 PUTEAUX (FR)

(74) Cabinet EKANI-CONSEILS, B.P. 5852, YAOUNDE (CM).

(57) La présente invention concerne une composition lubrifiante biodégradable, destinée notamment à être incorporée comme phase huile à haut pouvoir lubrifiant dans un fluide ou boue de forage. Cette composition peut être dans un fluide de forage ou comme fluide de fracturation des formations souterraines. Ces boues ou fluides contenant la composition de la présente invention sont particulièrement appropriés pour des forages très enfouis, offshore en eau profonde et/ou forages déviés ou à long déport.

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(11) **16055**

(51) E02D 3/12 (2006.01)

(21) 1201200285 - PCT/NO10/000479

(22) 20.12.2010

(30) NO n° 20093567 du 21/12/2009

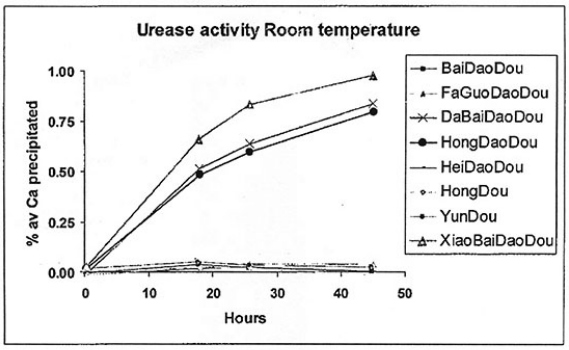
(54) Method for water tightening of water bearing zones and stabilization of sand in underground constructions.

(72) ÖSTVOLD, Terje.

(73) TEMASI AS, P.O. Box 198, N-1330 FORNEBU (NO)

(74) SCP AKKUM, AKKUM & Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

(57) Method for water tightening of water bearing zones and stabilization of sand in underground constructions, by precipitation of at least one mineral, by introducing into the construction, at the least one aqueous solution of salts comprising Ca2+ ions and urea, and an urease. The urease may be plant based, and made by grounding the plant wherefrom the urease is based, adding water, and soaking at occasional stirring between 2 and 20 h at room temperature. Then the achieved solution is filtrated, and the filtrate is lyophilized. The urease may also be biotechnologically produced by bacteria in an aqueous solution, where after the achieved solution is filtrated, and the filtrate is lyophilized.



Precipitation of $CaCO_3$ from 1S QNC solution(Urea and Ca^{2+} concentrations in the order of = 1-0.5 mole/l + extract from 10g beans/l solution). The effect of extract of different bean meals at room temperature.

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(11) **16056**

(51) A01N 29/10; A01N 25/34; A01N 53/08; A01P 7/04

(21) 1201200287 - PCT/JP10/073487

(22) 17.12.2010

(30) JP n° 2009-294489 du 25/12/2009

(54) Insect pest controlling resin composition.

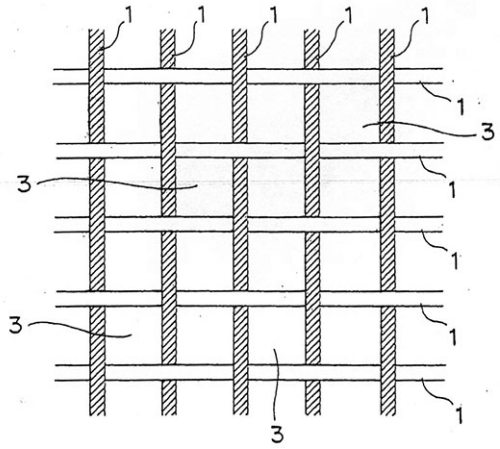
(72) NAKADA, Kazuhide; OHASHI, Kazunori; YAMADA, Mitsuko.

(73) Sumitomo Chemical Company, Limited, 27-1, Shinkawa 2-chome, Chuo-ku, TOKYO 1048260 (JP)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) An insect pest controlling resin composition comprising a thermoplastic resin, a pyrethroid compound, piperonyl butoxide, and a phosphorus-based antioxidant. This is used as a raw material of an insect pest controlling net.

Fig. 2



(11) **16057**

(51) C07D 209/10; C07D 209/16; C07D 209/14

(21) 1201200288 - PCT/DK10/050348

(22) 20.12.2010

(30) US n° 61/289,530 du 23/12/2009

(54) Processes for the manufacture of a pharmaceutically active agent.

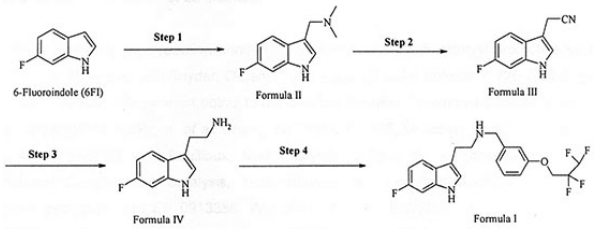
(72) THERKELSEN, Frans; ROCK, Michael Harold; TREPPENDAHL, Svend.

(73) H. LUNDBECK A/S, Ottiliavej 9, DK-2500 VALBY (DK)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) Disclosed herein are processes for the preparation of a pharmaceutically active and pharmaceutically acceptable salts thereof.

Scheme I



(11) **16058**

(51) C22B 3/26; C22B 60/02; B01D 11/04; G21C 19/46

(21) 1201200290 - PCT/EP10/070248

(22) 20.12.2010

(30) FR n° 09 59380 du 22/12/2009

(54) Procédé d'extraction liquide-liquide pour la purification de l'uranium issu de la dissolution nitrique d'un concentré d'uranium naturel.

(72) BARON Pascal; MIGUIRDITCHIAN Manuel; BISEL Isabelle; DINH Binh; SOREL Christian; BERTIN Jean.

(73) COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, 25, rue Leblanc, Bâtiment "Le Ponant D", 75015 PARIS (FR)

AREVA NC, 33, rue La Fayette, 75009 PARIS (FR)

(74) Cabinet CAZENAVE SARL, B.P. 500, YAOUNDE (CM).

(57) L'invention se rapporte à un procédé permettant de purifier l'uranium d'un concentré d'uranium naturel. Ce procédé comprend : a) l'extraction de l'uranium présent sous forme de nitrate d' uranyle dans une phase aqueuse A1 résultant de la dissolution du concentré d'uranium naturel dans de l'acide nitrique, au moyen d'une phase organique qui contient un extractant dans un diluant organique; b) le lavage de la phase organique obtenue à l'issue de l'étape a), avec une phase aqueuse A2; et c) la désextraction du nitrate d' uranyle de la phase organique obtenue à l'issue de l'étape b), par circulation de cette phase organique dans un appareil, à contre-courant d'une phase aqueuse A3; et est caractérisé en ce que l' extractant est un N, N-dialkylamide et en ce que le rapport entre les débits auxquels circulent la phase organique obtenue à l'issue de l'étape b) et la phase aqueuse A3 dans l'appareil où se déroule l'étape c) est supérieur à 1. Applications :

raffinage des concentrés d'uranium naturel produits par les mines d'uranium.

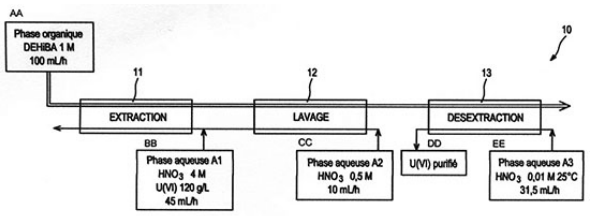


FIG. 1

12 Stripping
13 Back extraction
AA Organic phase
BB Aqueous phase A1
CC Aqueous phase A2
DD Purified U (VI)
EE Aqueous phase A3

(11) **16059**

(51) F16L 15/04; E21B 17/042; C09D 175/08

(21) 1201200291 - PCT/EP10/007556

(22) 10.12.2010

(30) FR n° 09/06320 du 23/12/2009

(54) Galling-resistant threaded tubular component, and process for coating said component.

(72) PINEL Eliette; GARD Eric; PETIT Mikael; GOUIDER Mohamed.

(73) VALLOUREC MANNESMANN OIL & GAS FRANCE, 54 rue Anatole France, 59620 AULNOYE-AYMERIES (FR)

SUMITOMO METAL INDUSTRIES, LTD., 5-33 kitahama 4-chome, Chuo-Ku, Osaka-Shi, OSAKA 541-0041 (JP)

(74) Cabinet CAZENAVE SARL, B.P. 500, YAOUNDE (CM).

(57) Galling-resistant threaded tubular component for drilling or operating hydrocarbon wells is described, said tubular component having at one of its ends (1; 2) a threaded zone (3; 4) produced on its external or internal peripheral surface depending on whether the threaded end is male or female in type, at least a portion of the end (1; 2) being coated with a dry film comprising a fluorourethane matrix. A process for coating said component.

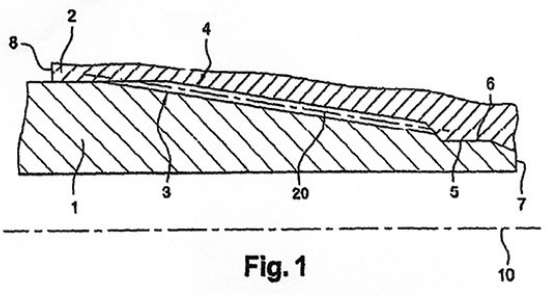


Fig. 1

(11) **16060**

(51) C07C 273/04

(21) 1201200292 - PCT/NL11/050012

(22) 07.01.2011

(30) EP n° 10150235.9 du 07/01/2010

(54) A urea stripping process for the production of urea.

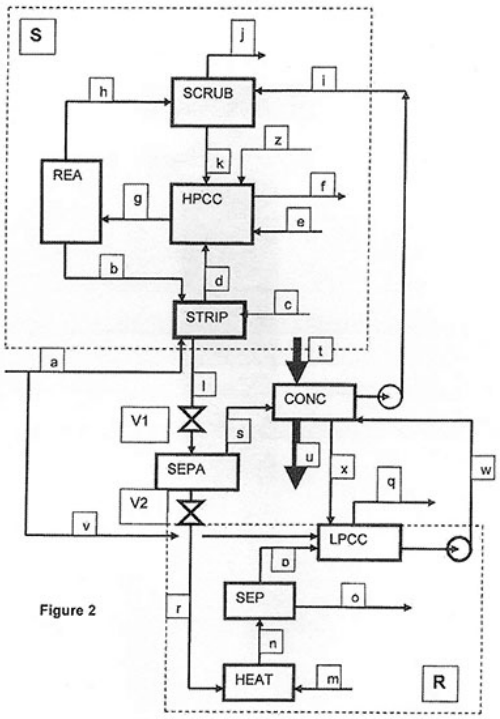
(72) MENNEN Johannes Henricus.

(73) Stamicarbon B.V., Mercator 2, NL-6135 KW SITTARD (NL)

(74) Cabinet ÉKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).

(57) The invention relates to a process for producing urea wherein an aqueous urea solution, leaving a urea reaction zone is fed to a stripper, where a part of the non-converted ammonia and carbon dioxide is separated from the aqueous urea solution, which solution leaves the stripper to a first recovery section of one or more serial recovery sections and is subsequently fed to one or more urea concentration sections, wherein the urea solution leaving the stripper is subjected to an adiabatic expansion, thus creating a vapor and a liquid, which are separated before the liquid enters a first recovery section and the vapor is condensed.

The invention further relates to a urea plant comprising a stripper and a first recovery section, wherein an adiabatic expansion valve and a liquid/gas separator is provided between the stripper and the first recovery section.



(11) **16061**

(51) C22B 3/02; C22B 1/00; C01G 43/01;

C22B 1/216

(21) 1201200293 - PCT/AU11/000018

(22) 07.01.2011

(30) AU n° 2010900068 du 08/01/2010

(54) Apparatus for production of yellowcake from a uranium peroxide.

(72) JOBLING, Glenn.

(73) Adelaide Control Engineers Pty Ltd, 10 Peekarra Street, REGENCY PARK, 5010, South Australia (AU)

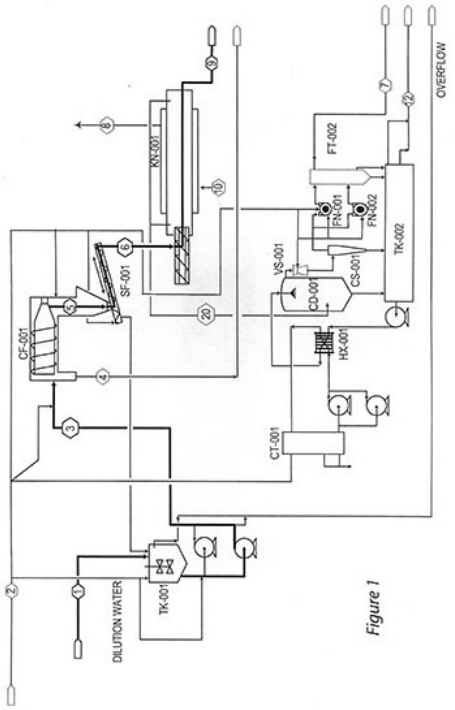
(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) The present invention provides apparatus for the production of a uranium yellowcake from a uranium peroxide precipitate, the peroxide precipitate being in the form of a low solids content, uranium rich feed slurry, the apparatus including :

a. a thickener for thickening the feed slurry to produce a thickener underflow with a solids content in the range of 15 to 50% w/w and a thickener overflow;

b. a means for dewatering the thickener underflow to produce a solids cake with a solids content of at least 50% w/w and a dewater overflow; and

c. an indirectly heated kiln for heating the solids cake at a temperature suitable to produce either a calcined uranium trioxide yellowcake or a dried uranium peroxide yellowcake.



(11) **16062**

(51) C12P 7/06

(21) 1201200295 - PCT/US11/020583

(22) 07.01.2011

(30) US n° 61/295,476 du 15/01/2010

(54) Cooling and processing materials.

(72) MEDOFF Marshall.

(73) Xyleco, Inc., 271 Salem St., Unit L, WOBURN, Massachusetts 01801 (US)

(74) Cabinet ÉKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).

(57) Systems and methods for cooling and processing materials are disclosed.

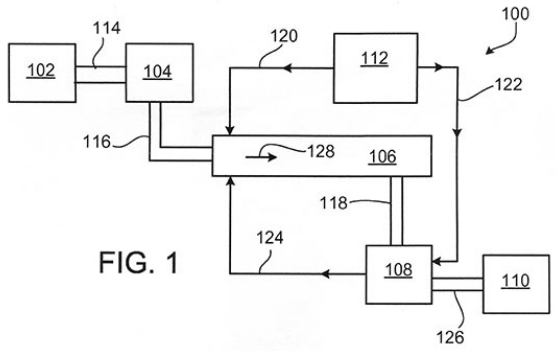


FIG. 1

(11) **16063**

(51) A61B 5/15

(21) 1201200296 - PCT/US10/062373

(22) 29.12.2010

(30) US n° 61/293,064 du 07/01/2010

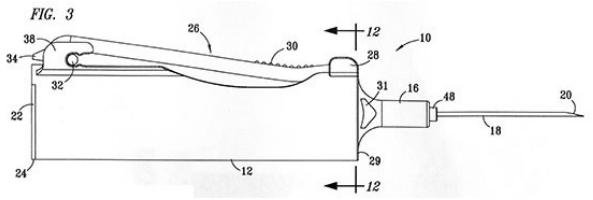
(54) Blood draw device with retractable needle.

(72) SHAW Thomas J.; SMALL Mark; ZHU Ni.

(73) Retractable Technologies, Inc., 511 Lobo Lane, LITTLE ELM, TX 75068 (US); Thomas J. SHAW, 5310 Buena Vista, FRISCO, TX 75034 (US)

(74) Cabinet ÉKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).

(57) The invention comprises a body, an actuator pivotally connected to the body, and a retractable needle adapted to provide fluid communication between a patient and a fluid collection tube, typically a blood collection tube, attachable to the device. A significant feature of the subject device is a retraction cavity disposed inside the actuator that is manually positionable to receive a portion of the needle retraction assembly following removal of the blood collection tube. Retraction is initiated by depressing the forwardly extending end of the actuator relative to the body, thereby causing a retainer clip to release the needle holder, after which the needle holder and a part of the needle are propelled into the retraction cavity by expansion of a compressed spring. The needle is thereby withdrawn from the patient and into the housing, reducing the likelihood of accidental needle sticks and preventing reuse of the device.



(11) **16064**

(51) C12M 1/00; C12P 7/10; C12P 7/06; C12P 7/14

(21) 1201200299 - PCT/US10/057272

(22) 18.11.2010

(30) US n° 61/296,673 du 20/01/2010

(54) Method and system for saccharifying and fermenting a biomass feedstock.

(72) MEDOFF Marshall; MASTERMAN Thomas.

(73) Xyleco, Inc., 271 Salem St., Unit L, WOBURN, Massachusetts 01801 (US)

(74) Cabinet ÉKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).

(57) Biomass feedstocks (e.g., plant biomass, animal biomass, and municipal waste biomass) are processed to produce useful products, such as fuels. For example, systems are described that can convert feedstock materials to a sugar solution, which can then be fermented to produce ethanol. Biomass feedstock is saccharified in a vessel by operation of a jet mixer, the vessel also containing a liquid medium and a saccharifying agent.

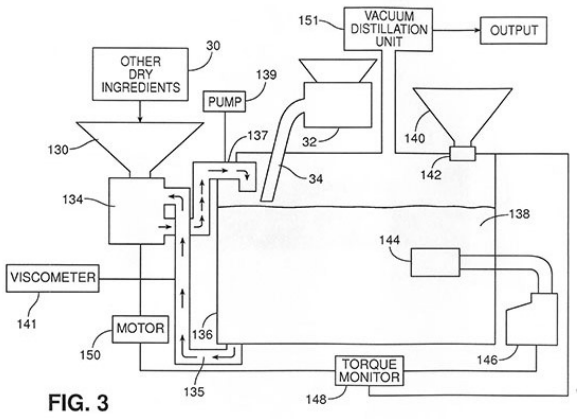


FIG. 3

(11) **16065**

(51) C12M 1/00

(21) 1201200300 - PCT/US10/057257

(22) 18.11.2010

(30) US n° 61/296,658 du 20/01/2010

(54) Dispersing feedstocks and processing materials.

(72) MEDOFF Marshall; MASTERMAN Thomas.

(73) Xyleco, Inc., 271 Salem St., Unit L, WOBURN, Massachusetts 01801, (US)

(74) Cabinet ÉKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).

(57) Biomass feedstocks (e.g., plant biomass, animal biomass, and municipal waste biomass) are processed to produce useful products, such as fuels. For example, systems are described that can convert feedstock materials to a sugar solution, which can then be fermented to produce ethanol. Biomass feedstock is dispersed in a liquid medium and then saccharified.

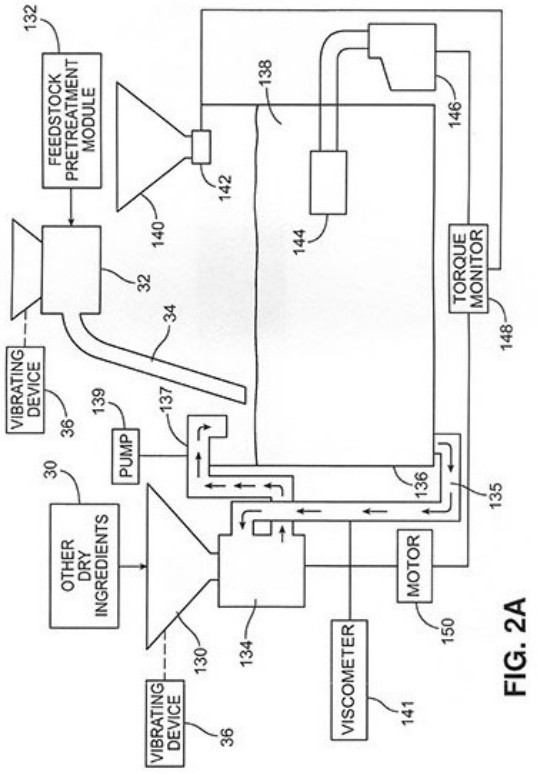


FIG. 2A

B
REPERTOIRE SUIVANT LA C.I.B.

(51)	(11)
A01N 29/10	16056
A47G 21/18	16047
A61B 5/15	16063
A61K 31/165	16042
A61K 31/343	16052
A61K 31/403	16040
A61M 5/178	16048
B01D 17/02	16046
B03D 3/06	16045
B09C 1/08	16032
B27K 3/02 (2006.01)	16031
C05G 3/00	16035
C07C 6/02	16034
C07C 273/04	16060
C07D 209/14	16057
C07D 209/52	16041
C07D 311/34	16038
C07D 401/14	16043
C07D 413/12	16039
C07D 471/04	16044
C07D 471/04	16049
C07D 471/04	16051
C07K 19/00	16053
C09K 8/34	16054
C12M 1/00	16064

(51)	(11)
C12M 1/00	16065
C12N 9/10	16037
C12N 15/63	16033
C12P 7/06	16062
C12P 19/04	16050
C22B 3/02	16061
C22B 3/26	16058
E02D 3/12 (2006.01)	16055
E21B 43/12	16036
F16L 15/04	16059

C
REPERTOIRE DES NOMS

Adelaide Control Engineers Pty Ltd

(11) 16061 (51) C22B 3/02

COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES et AREVA NC

(11) 16058 (51) C22B 3/26

CYTEC TECHNOLOGY CORP.

(11) 16045 (51) B03D 3/06

(11) 16046 (51) B01D 17/02

Elevance Renewable Sciences, Inc.

(11) 16034 (51) C07C 6/02

Gilead Sciences, Inc.

(11) 16052 (51) A61K 31/343

LABORATOIRES SERVIER (LES)

(11) 16040 (51) A61K 31/403

(11) 16041 (51) C07D 209/52

(11) 16042 (51) A61K 31/165

LUNDBECK A/S (H.)

(11) 16049 (51) C07D 471/04

(11) 16057 (51) C07D 209/10

Merial Limited

(11) 16051 (51) C07D 471/04

NITUNGA, Libère

(11) 16031 (51) B27K 3/02 (2006.01)

Oilflow Solutions Holdings Limited

(11) 16036 (51) E21B 43/12

Panacela Labs, Inc. and Roswell Park Cancer Institute

(11) 16033 (51) C12N15/63

Protein Design Lab, Ltd.

(11) 16053 (51) C07K 19/00

Retractable Technologies, Inc. and Thomas J. SHAW

(11) 16063 (51) A61B 5/15

Rhizen Pharmaceuticals S.A.

(11) 16038 (51) C07D 311/34

SANOFI

(11) 16043 (51) C07D 401/14

(11) 16044 (51) C07D 471/04

Specialty Fertilizer Products, LLC

(11) 16035 (51) C05G 3/00

Stamicarbon B.V.

(11) 16060 (51) C07C 273/04

STAR SYRINGE LIMITED

(11) 16048 (51) A61M 5/178

Sumitomo Chemical Company, Limited

(11) 16056 (51) A01N 29/10

SYNGENTA PARTICIPATIONS AG

(11) 16039 (51) C07D 413/12

TEMASI AS

(11) 16055 (51) E02D 3/12 (2006.01)

TOTAL RAFFINAGE MARKETING

(11) 16054 (51) C09K 8/34

TOTAL S.A.; SOLVAY; TRAITEMENT VALORISATION DECONTAMINATION (TVD) et ARCADIS ESG

(11) 16032 (51) B09C 1/08

Université Bordeaux Segalen et Centre National de la Recherche Scientifique

(11) 16037 (51) C12N 9/10

VALLOUREC MANNESMANN OIL & GAS FRANCE and SUMITOMO METAL INDUSTRIES, LTD.

(11) 16059 (51) F16L 15/04

VESTERGAARD FRANDSEN SA

(11) 16047 (51) A47G 21/18

Wintershall Holding GmbH

(11) 16050 (51) C12P 19/04

Xyleco, Inc.

(11) 16062 (51) C12P 7/06

(11) 16064 (51) C12M 1/00

(11) 16065 (51) C12M 1/00