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# THE CANADIAN PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

Sylvain Laporte  
Commissioner of Patents

Sylvain Laporte  
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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## Notices

## Avis

### 1. Dates and Code Numerals Appearing in Patent Headings

#### Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

#### Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
  
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date ( Re-Issued, Re-Examined )
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

### 1. Dates et chiffres de code figurant à l'entête des brevets

#### Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

#### Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
  
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction ( Redélivrance, Réexamen )
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

## 2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: ([www.wipo.int/scit/en/standards/standards.htm](http://www.wipo.int/scit/en/standards/standards.htm)).

## 3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting ([www.strategis.ic.gc.ca/patentsorder](http://www.strategis.ic.gc.ca/patentsorder)) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	\$10
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

## 4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

## 2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: ([www.wipo.int/scit/fr/standards/standards.htm](http://www.wipo.int/scit/fr/standards/standards.htm)).

## 3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web ([www.strategis.ic.gc.ca/brevetscommande](http://www.strategis.ic.gc.ca/brevetscommande)) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 \$

## 4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

## 5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

## 6. Licensing of Patents

### Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

### Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

## 7. Patents Available for Licence or Sale

An asterisk (\*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

## 8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

## 5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

## 6. Octroi de licences en vertu des brevets

### Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est possible d'obtenir une licence obligatoire.

### Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

## 7. Brevets disponibles pour licence ou vente

Un astérisque (\*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

## 8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

## 9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

## 10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

## 11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After December 30, 2014

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1544*
For each additional sheet over 30	\$17
3. International Search Fee	\$1600

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

## 9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

## 10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

## 11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 30 décembre 2014

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1544 \$*
Pour chaque feuille au delà de 30	17 \$
3. Taxe de recherche internationale	1600 \$

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

## Notices

### 4. Late payment fee

50% of the fees that are due, or,  
Minimum: Transmittal fee  
Maximum: 50% of the international filing fee

### Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$232

6. Preliminary examination fee \$800  
(Rule 58)

\* International fees will be reduced by:

- **\$116** for all applications filed using PCT-EASY,
- **\$232** for all applications filed electronically using PCT-SAFE (The request in character coded format).
- **\$348** for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

## 12. PCT Notices

### Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section  
Post Office Box 18  
1211 Geneva 20 Switzerland  
Telephone (011 41 22) 338-9618  
Facsimile (011 41 22) 740-1812

or by "E-mail" ([publications.mail@wipo.int](mailto:publications.mail@wipo.int)) or visit their Web site ([www.wipo.int](http://www.wipo.int)).

### 4. Taxe pour paiement tardif

50% du montant impayé, ou,  
Minimum : taxe de transmission  
Maximum : 50% de la taxe de dépôt international

### Examen préliminaire

5. Taxe de traitement (Règle 57.2a) 232 \$

6. Taxe d'examen préliminaire 800 \$  
(Règle 58)

\* Les frais seront réduits de:

- **116 \$** pour toutes les demandes déposées en utilisant PCT-EASY,
- **232 \$** pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- **348 \$** pour toutes les demandes déposées en utilisant PCT-SAFE (La requête, la description, les revendications et l'abrégié étant en format à codage de caractères).

## 12. Avis PCT

### Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information  
Boîte postale 18  
1211 Genève 20 Suisse  
Téléphone (011 41 22) 338-9618  
Télécopieur (011 41 22) 740-1812

ou par courriel ([publications.mail@wipo.int](mailto:publications.mail@wipo.int)) ou visiter leur site Web ([www.wipo.int](http://www.wipo.int)).

### 13. Practice Notice

#### STATUTORY HOLIDAYS (*DIES NON*)

**Note:** *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

#### **Time limits under the *Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts***

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Québec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Québec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

#### **Time limits under the *Patent and Trade-marks Acts***

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trademark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

### 13. Énoncé de pratique

#### JOURS FÉRIÉS (*DIES NON*)

**Nota :** *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

#### **Délais prévus dans les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés**

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

#### **Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce***

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

## Notices

### Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

“If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;  
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists.”

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

### Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

### Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

“Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.”

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

### Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

## Avis

- 1) **Alberta:** 3rd Monday in February (Alberta Family Day)
  - 2) **British Columbia:** 1st Monday in August (British Columbia Day)
  - 3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
  - 4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
  - 5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
  - 6) **Quebec:** June 24 (St. John the Baptist Day)
  - 7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
  - 8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business
- 1) **Alberta :** 3e lundi de février (Jour de la Famille de l'Alberta)
  - 2) **Colombie-Britannique :** 1er lundi d'août (Fête de la Colombie-Britannique)
  - 3) **Nouveau-Brunswick :** 1er lundi d'août (Fête du Nouveau-Brunswick)
  - 4) **Nouvelle-Écosse :** 1er lundi d'août (congé statutaire)
  - 5) **Ontario :** 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statutaire)
  - 6) **Québec :** 24 juin (Saint-Jean-Baptiste)
  - 7) **Saskatchewan :** 1er lundi d'août (Fête de la Saskatchewan)
  - 8) **Yukon :** 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays

\*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

\*St. John the Baptist Day (June 24)

\*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

\*Remembrance Day (November 11)

\*Christmas Day (December 25)

Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

\* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

## 14. Practice Notice

### LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

**Note:** This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche

\*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

\*Saint-Jean-Baptiste (le 24 juin)

\*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

Jour de l'Action de grâces - deuxième lundi d'octobre

\*Jour du souvenir (11 novembre)

\*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

\* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

## 14. Énoncé de pratique

### LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

**Nota :** Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.

## Notices

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as “the Offices”) have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term “firm” includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d’agir en tant qu’agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l’article 15 de la *Loi sur les brevets* prévoit qu’un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l’article 2 des *Règles sur les brevets*, « agent de brevets » s’entend de toute personne ou maison d’affaires dont le nom est inscrit au registre des agents de brevets aux termes de l’article 15. L’alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l’article 33 de l’annexe II, le nom de **toute maison d’affaires dont le nom d’au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d’enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l’alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l’article 19 de l’annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d’au moins un membre est inscrit sur la liste à titre d’agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu’agents auprès des Bureaux, à condition que l’un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais « partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships ») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu’elles ont le droit d’agir en tant qu’agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

## Avis

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

## 15. Correspondence Procedures

May 8, 2012

**Effective May 15, 2012 this notice replaces all previous notices regarding Correspondence Procedures.**

**Note:** *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office  
Place du Portage I  
50 Victoria Street, Room C-114  
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

**Note regarding Fee Payment Forms:** The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

## 15. Procédures de correspondance

Le 8 mai 2012

**Le présent avis, en vigueur à compter du 15 mai 2012, remplace tous les avis antérieurs aux procédures de correspondance.**

**Nota :** *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada  
Place du Portage I  
50, rue Victoria, pièce C-114  
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

**Note concernant le formulaire de paiements:** Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le [formulaire de paiements](#).

## Notices

### 1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada  
C.D. Howe Building  
235 Queen Street, Room S-143  
Ottawa ON K1A 0H5  
Tel.: 613-952-2268
2. Industry Canada  
5 Place Ville-Marie, Suite 700  
Montreal QC H3B 2G2  
Tel.: 514-496-1797  
Toll-free: 1 888 237-3037
3. Industry Canada  
151 Yonge Street, 4th Floor  
Toronto ON M5C 2W7  
Tel.: 416-973-5000
4. Industry Canada  
Canada Place  
9700 Jasper Avenue, Suite 725  
Edmonton AB T5J 4C3  
Tel.: 780-495-4782  
Toll-free: 1 800 461-2646
5. Industry Canada  
Library Square  
300 West Georgia Street, Suite 2000  
Vancouver BC V6B 6E1  
Tel.: 604-666-5000

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

### 1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada  
Édifrice C.D. Howe  
235, rue Queen, pièce S-143  
Ottawa (Ontario) K1A 0H5  
Tél. : 613-952-2268
2. Industrie Canada  
5, Place Ville-Marie, pièce 700  
Montréal (Québec) H3B 2G2  
Tél. : 514-496-1797  
Sans frais : 1-888-237-3037
3. Industrie Canada  
151, rue Yonge, 4e étage  
Toronto (Ontario) M5C 2W7  
Tél. : 416-973-5000
4. Industrie Canada  
Canada Place  
9700, avenue Jasper, pièce 725  
Edmonton (Alberta) T5J 4C3  
Tél. : 780-495-4782  
Sans frais : 1-800-461-2646
5. Industrie Canada  
Library Square  
300, rue Georgia Ouest, pièce 2000  
Vancouver (C.-B.) V6B 6E1  
Tél. : 604-666-5000

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

## Avis

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

### 2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

Correspondence delivered through the Registered Mail Service of Canada Post will be considered to be received on the date stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

### 3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via [CIPO's Web](#) site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings and applications prepared using the PCT-EASY or PCT-SAFE as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

### 2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

La correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada sera réputée reçue à la date estampillée sur l'enveloppe par Postes Canada seulement si l'OPIIC est ouvert au public à cette date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIIC.

### 3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du *Règlement sur le droit d'auteur*, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le [site web de l'OPIIC](#) ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée dans la phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des demandes et des listages de séquences préparés à l'aide de PCT-EASY ou PCT-SAFE, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

## Notices

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

### 3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or  
819-953-OPIC (953-6742)

Facsimile correspondence which is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: 819-994-2269.

### *Patents*

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

### 3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office or the Registrar of Topographies may be sent electronically via [CIPO's Web site](#).

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

### 3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou  
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoi. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré dans la lettre d'envoi en vue d'assurer un traitement rapide. Pour prendre les dispositions nécessaires, on pourra communiquer avec la Direction des finances de l'OPIC en composant le 819-994-2269.

### *Brevets*

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

### 3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le [site Web de l'OPIC](#).

## Avis

### Patents

For the purpose of subsection 5(6) of the Patent Rules, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- [filing an application](#) (regular application);
- [filing a request for national entry](#);
- [filing an international application](#) (PCT Safe);
- [general correspondence relating to applications and patents](#);
- [maintaining the name of a patent agent on the register of patent agents](#);
- [ordering copies in paper, or electronic form of a document](#).

### Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software. The filing must be done using CIPO's International Filing e-service, called [PCT e-Filing](#).

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a [designated establishment](#).

### Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- [application for the registration of a trade-mark](#);
- [filing of a revised application](#);
- [renewal of a trade-mark registration](#);
- [request to enter a name on the list of trade-mark agents](#);
- [annual renewal of a trade-mark agent](#);
- [requesting copies of trade-mark documents](#);
- [filing of a declaration of use](#);
- [registration of a trade-mark application](#);
- [statement of opposition](#); and
- [request an extension of time in trade-mark opposition proceedings](#).

### Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance suivante destinée au Bureau des brevets peut être envoyée par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- [déposer une demande](#) (demande régulière);
- [déposer une demande d'entrée dans la phase nationale](#);
- [déposer une demande internationale](#) (PCT Safe);
- [correspondance générale concernant des demandes et des brevets](#);
- [maintien du nom d'un agent de brevets dans le registre des agents de brevets](#);
- [commande de copies papier ou d'un document sous forme électronique](#).

### Le Canada comme office récepteur au titre du PCT: PCT-SAFE

Conformément à la Règle 89*bis* du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide du logiciel PCT-SAFE fourni par le Bureau international. Le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales, appelé [dépôt électronique de demande PCT](#).

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un [établissement désigné](#).

### Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- [demande d'enregistrement d'une marque de commerce](#);
- [demande d'enregistrement d'une marque de commerce modifiée](#);
- [renouvellement de l'enregistrement d'une marque de commerce](#);
- [demande d'inscription d'un nom à la liste des agents de marques de commerce](#);
- [renouvellement annuel d'un agent de marques de commerce](#);
- [commande de copies de documents de marques de commerce](#);
- [dépôt d'une déclaration d'emploi](#);
- [l'enregistrement d'une marque de commerce](#);
- [dépôt d'une déclaration d'opposition](#); et
- [demande de prolongation de délai dans une procédure d'opposition](#).

## Notices

### *Copyrights*

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- [application for registration of a copyright in a work](#);
- [application for registration of a copyright in a performer's performance, sound recording or communication signal](#);
- [Filing a grant of interest](#);
- [Request for certificate of correction](#);
- [ordering copies in paper, or electronic form of a document](#);
- and
- [general correspondence relating to copyrights](#).

### *Industrial Designs*

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- [application for registration of an industrial design](#);
- [ordering copies in paper, or electronic form of a document](#);
- [general correspondence relating to industrial designs](#); and
- [payment of industrial design maintenance fees](#).

### *Integrated Circuit Topographies*

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- [general correspondence relating to integrated circuit topographies](#).

### 3.3 Electronic Medium

#### *Patents*

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

### *Droits d'auteur*

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un droit d'auteur sur une oeuvre](#);
- [demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication](#);
- [dépôt d'une concession d'intérêt](#);
- [demande de certificat de correction](#);
- [commande de copies des documents papier ou électroniques](#); et
- [correspondance générale relative aux droits d'auteur](#).

### *Dessins industriels*

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un dessin industriel](#);
- [commande de copies de documents papier ou électroniques](#);
- [correspondance générale relative aux dessins industriels](#); et
- [paiement des droits de maintien des dessins industriels](#).

### *Topographies de circuits intégrés*

Topographies de circuits intégrés  
Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [correspondance générale relative aux topographies de circuits intégrés](#).

### 3.3 Supports électroniques

#### *Brevets*

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées à l'article 93 des *Règles sur les brevets* resteront applicables.

## Avis

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

### Canada as Receiving Office Under the PCT: PCT-EASY

Pursuant to PCT Rule 89ter, CIPO, in its role as a receiving Office, accepts the filing of an international application containing the request presented as a print-out prepared using the PCT-EASY features of the PCT-SAFE software made available by the International Bureau together with an electronic medium containing a copy in electronic form of the data contained in the request and of the abstract. For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions.

### Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- only on an electronic medium in electronic form in accordance with section 802 of Part 8 of the PCT Administrative Instructions; or
- both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

### Le Canada comme office récepteur au titre du PCT: PCT-EASY

Conformément à la Règle 89ter du PCT, à titre d'office récepteur l'OPIC accepte que le dépôt d'une demande internationale présentée sur support papier et préparée à l'aide des fonctions PCT-EASY du logiciel PCT-SAFE fourni par le Bureau international soit accompagné d'un support électronique contenant une copie sous forme électronique des données figurant dans la demande et l'abrégé. À cette fin, l'office récepteur canadien acceptera tout support électronique indiqué à l'Annexe F des Instructions administratives du PCT.

### Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT; ou
- sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT;

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT respectivement.

## Notices

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labelling of the electronic media and the calculation of the international filing fee, refer to Section 7 of the PCT Administrative Instructions.

### Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

### 4. Details concerning the electronic formats accepted

#### Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

### Supports électroniques acceptés par le Bureau des brevets

Le Bureau des brevets acceptera des disquettes, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

### 4. Précisions concernant les formats électroniques acceptés

#### Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

## Avis

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

### TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

### PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

### ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

## **Industrial Design**

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

### TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

### Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

### Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;
- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

### Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

## **Dessins industriels**

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

### Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

## Notices

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

### 5. General Information

General information may be obtained by communicating with CIPO's [Client Service Centre](#).

## 16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of January 13, 2015 contains applications open to public inspection from December 28, 2014 to January 3, 2015.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

### 5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le [Centre de services à la clientèle de l'OPIC](#).

## 16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 13 janvier 2015 contient les demandes disponibles au public pour consultation pour la période du 28 décembre 2014 au 3 janvier 2015.

# Canadian Patents Issued

January 13, 2015

## Brevets canadiens délivrés

13 janvier 2015

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[11] **2,286,647**  
[13] C  
[51] **Int.Cl. G06F 9/302 (2006.01) G06F 7/72 (2006.01)**  
[25] EN  
[54] **ARITHMETIC PROCESSOR**  
[54] **PROCESSEUR ARITHMETIQUE**  
[72] VANSTONE, SCOTT A., CA  
[72] LAMBERT, ROBERT J., CA  
[72] GALLANT, ROBERT, CA  
[72] JURISIC, ALEKSANDAR, SI  
[72] VADEKAR, ASHOK V., CA  
[73] CERTICOM CORP., CA  
[85] 1999-10-06  
[86] 1998-04-20 (PCT/CA1998/000467)  
[87] (WO1998/048345)  
[30] GB (9707861.2) 1997-04-18

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[11] **2,326,120**  
[13] C  
[51] **Int.Cl. A61N 5/06 (2006.01) A61B 18/20 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE SELECTIVE TARGETING OF LIPID-RICH TISSUES**  
[54] **PROCEDE ET APPAREIL DE CIBLAGE SELECTIF DE TISSUS RICHES EN GRAISSE**  
[72] ANDERSON, R. ROX, US  
[72] ALTSHULER, GREGORY B., US  
[72] MANSTEIN, DIETER, US  
[73] THE GENERAL HOSPITAL CORPORATION, US  
[73] PALOMAR MEDICAL TECHNOLOGIES, INC., US  
[85] 2000-09-26  
[86] 1999-03-26 (PCT/US1999/006475)  
[87] (WO1999/049937)  
[30] US (60/079,710) 1998-03-27

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[11] **2,426,601**  
[13] C  
[51] **Int.Cl. C07D 213/75 (2006.01) A61K 31/44 (2006.01) A61P 35/00 (2006.01) C07D 211/84 (2006.01) C07D 213/50 (2006.01) C07D 217/22 (2006.01)**  
[25] EN  
[54] **CYANOQUANIDINE PRODRUGS**  
[54] **PROMEDICAMENTS A BASE DE CYANOQUANIDINE**  
[72] BINDERUP, ERNST TORNDAL, DK  
[72] HJARNAA, PERNILLE-JULIA VIG, DK  
[73] LEO PHARMA A/S, DK  
[85] 2003-04-22  
[86] 2001-11-14 (PCT/DK2001/000750)  
[87] (WO2002/042265)  
[30] US (60/252,078) 2000-11-21

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[11] **2,436,469**  
[13] C  
[51] **Int.Cl. A61K 36/258 (2006.01) A61K 31/045 (2006.01) A61K 36/537 (2006.01) A61K 45/06 (2006.01) A61P 7/00 (2006.01) A61P 9/00 (2006.01)**  
[25] EN  
[54] **COMPOSITION FOR HEART DISEASE, METHOD TO PREPARE SAME AND USES THEREOF**  
[54] **COMPOSITION POUR LE TRAITEMENT DE MALADIES DU COEUR ET METHODE DE PREPARATION ET UTILISATIONS DE CETTE COMPOSITION**  
[72] YAN, XIJUN, CN  
[72] WU, NAIFENG, CN  
[72] GUO, ZHIXIN, CN  
[72] YE, ZHENGLIANG, CN  
[72] LIU, YAN, CN  
[73] TASLY PHARMACEUTICAL GROUP CO., LTD., CN  
[86] (2436469)  
[87] (2436469)  
[22] 2003-07-31  
[30] US (10/210,548) 2002-07-31

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[11] **2,446,773**  
[13] C  
[51] **Int.Cl. B32B 37/12 (2006.01) B31F 1/20 (2006.01) B32B 3/28 (2006.01) B32B 29/08 (2006.01) C09J 103/02 (2006.01) D21F 11/12 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCTION OF CORRUGATED BOARD AND PRODUCT OBTAINED THEREOF**  
[54] **PROCEDE DE PRODUCTION DE CARTON ONDULE ET PRODUIT OBTENU A PARTIR DE CE CARTON**  
[72] BLOEMBERGEN, STEVEN, US  
[72] KAPPEN, FRANS, NL  
[72] VAN LEEUWEN, MARINELLA, NL  
[73] ECOSYNTHETIX LTD., US  
[85] 2003-10-30  
[86] 2002-05-02 (PCT/US2002/013723)  
[87] (WO2002/087868)  
[30] US (60/288,261) 2001-05-02  
[30] EP (01201593) 2001-05-02

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[11] **2,451,934**  
[13] C  
[51] **Int.Cl. B60N 3/16 (2006.01) B63J 99/00 (2009.01) B60H 1/00 (2006.01) B63J 2/12 (2006.01) F28D 9/00 (2006.01)**  
[25] EN  
[54] **COMBINATION DIESEL/ELECTRIC HEATING APPLIANCE SYSTEMS**  
[54] **APPAREIL DE CHAUFFAGE DIESEL/ELECTRIQUE COMBINE**  
[72] ROBINSON, EDGAR C., CA  
[72] WILNECHENKO, BRUCE CONRAD, CA  
[73] INTERNATIONAL THERMAL INVESTMENTS LTD., CA  
[86] (2451934)  
[87] (2451934)  
[22] 2003-12-02

**Canadian Patents Issued  
January 13, 2015**

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[11] **2,457,282**  
[13] C

[51] **Int.Cl. C12N 15/867 (2006.01) C12N 15/113 (2010.01) A61K 31/713 (2006.01) A61P 31/12 (2006.01) C12N 5/10 (2006.01) C12N 7/00 (2006.01) C12N 7/01 (2006.01)**

[25] EN

[54] **METHOD FOR EXPRESSION OF SMALL ANTIVIRAL RNA MOLECULES WITHIN A CELL**

[54] **PROCEDE D'EXPRESSION DE PETITES MOLECULES D'ARN ANTIVIRALES A L'INTERIEUR D'UNE CELLULE**

[72] BALTIMORE, DAVID, US  
[72] QIN, XIAO-FENG, US  
[72] LOIS-CABALLE, CARLOS, US  
[72] CHEN, IRVIN S.Y., US  
[72] AN, DONG SUNG, US  
[73] CALIFORNIA INSTITUTE OF TECHNOLOGY, US

[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2004-02-16  
[86] 2002-09-13 (PCT/US2002/029214)  
[87] (WO2003/023015)  
[30] US (60/322,031) 2001-09-13  
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[30] US (60/389,592) 2002-06-18  
[30] US (60/406,436) 2002-08-27

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[11] **2,468,098**  
[13] C

[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/02 (2012.01) G06Q 50/22 (2012.01) A61J 7/00 (2006.01) H04L 12/16 (2006.01)**

[25] EN

[54] **ARCHITECTURE FOR ORCHESTRATING PROMOTIONAL SERVICES**

[54] **ARCHITECTURE D'ORGANISATION DE SERVICES DE PROMOTION**

[72] KOST, CECIL, US  
[72] CHROBUCK, TIMOTHY, US  
[72] TOVREA, DAVID V., US  
[72] KING, SCOTT M., US  
[72] SINGER, STEVEN E., US  
[72] GLEASON, MARK, US  
[73] PHYSICIANS INTERACTIVE, INC., US

[86] (2468098)  
[87] (2468098)  
[22] 2004-05-25  
[30] US (60/472,950) 2003-05-22  
[30] US (60/573,234) 2004-05-21  
[30] US (10/850,654) 2004-05-21

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[11] **2,481,828**  
[13] C

[51] **Int.Cl. G06K 9/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR DETECTING A HAND-DRAWN OBJECT IN INK INPUT**

[54] **SYSTEME ET METHODE DE DETECTION D'UN OBJET DESSINE A LA MAIN DANS UNE ENTREE D'ENCRE**

[72] LI, YANTAO, CN  
[72] WANG, JIAN, CN  
[73] MICROSOFT CORPORATION, US

[86] (2481828)  
[87] (2481828)  
[22] 2004-09-17  
[30] US (60/505,866) 2003-09-24  
[30] US (10/850,948) 2004-05-20

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[13] C

[51] **Int.Cl. C12N 15/40 (2006.01) A61K 39/00 (2006.01) A61K 39/35 (2006.01) A61K 39/385 (2006.01) A61P 31/00 (2006.01) C07K 14/08 (2006.01) C07K 14/54 (2006.01) C07K 16/24 (2006.01) C07K 16/40 (2006.01) C12N 1/21 (2006.01) C12N 7/01 (2006.01) C12N 7/04 (2006.01) C12N 15/70 (2006.01)**

[25] EN

[54] **MOLECULAR ANTIGEN ARRAYS**

[54] **RESEAUX D'ANTIGENES MOLECULAIRES**

[72] BACHMANN, MARTIN F., CH  
[72] TISSOT, ALAIN, CH  
[72] PUMPENS, PAUL, LV  
[72] CIELENS, INDULIS, LV  
[72] RENHOFA, REGINA, LV  
[73] CYTOS BIOTECHNOLOGY AG, CH

[85] 2004-12-14  
[86] 2003-07-14 (PCT/EP2003/007572)  
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[11] **2,497,753**  
[13] C

[51] **Int.Cl. B25D 17/28 (2006.01) B25J 1/02 (2006.01)**

[25] EN

[54] **PORTABLE ARTICULATING TOOL SUPPORT**

[54] **SUPPORT PORTATIF A ARTICULATION POUR OUTIL**

[72] THIESSEN, GORDON DANIEL, CA  
[73] EQUIPOIS, LLC, US

[86] (2497753)  
[87] (2497753)  
[22] 2005-02-18

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[11] **2,498,777**  
[13] C

[51] **Int.Cl. C12N 15/11 (2006.01) A61K 31/7088 (2006.01) A61K 45/06 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **NON-SEQUENCE COMPLEMENTARY ANTIVIRAL OLIGONUCLEOTIDES**

[54] **OLIGONUCLEOTIDES ANTIVIRAUX NON COMPLEMENTAIRES DE SEQUENCE**

[72] JUTEAU, JEAN-MARC, CA  
[72] VAILLANT, ANDREW, CA  
[73] REPLICOR, INC., CA

[85] 2005-03-11  
[86] 2003-09-11 (PCT/IB2003/004573)  
[87] (WO2004/024919)  
[30] US (60/410,264) 2002-09-13  
[30] US (60/430,934) 2002-12-05

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[11] **2,491,851**  
[13] C

[51] **Int.Cl. B60C 23/04 (2006.01) F16M 11/14 (2006.01)**

[25] EN

[54] **ELECTRONIC MONITORING DEVICE FOR ATTACHING TO A TYRE**

[54] **DISPOSITIF DE SURVEILLANCE ELECTRONIQUE PREVU POUR ETRE FIXE SUR UN BANDAGE**

[72] WILSON, PAUL B., US  
[72] RENSEL, JOHN D., US  
[72] KOCH, RUSSELL W., US  
[73] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US

[85] 2005-01-06  
[86] 2003-06-30 (PCT/US2003/020717)  
[87] (WO2004/005054)  
[30] US (10/192,567) 2002-07-09

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[13] C

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[25] EN

[54] **PORTABLE ARTICULATING TOOL SUPPORT**

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[73] EQUIPOIS, LLC, US

[86] (2497753)  
[87] (2497753)  
[22] 2005-02-18

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[11] **2,498,777**  
[13] C

[51] **Int.Cl. C12N 15/11 (2006.01) A61K 31/7088 (2006.01) A61K 45/06 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **NON-SEQUENCE COMPLEMENTARY ANTIVIRAL OLIGONUCLEOTIDES**

[54] **OLIGONUCLEOTIDES ANTIVIRAUX NON COMPLEMENTAIRES DE SEQUENCE**

[72] JUTEAU, JEAN-MARC, CA  
[72] VAILLANT, ANDREW, CA  
[73] REPLICOR, INC., CA

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[86] 2003-09-11 (PCT/IB2003/004573)  
[87] (WO2004/024919)  
[30] US (60/410,264) 2002-09-13  
[30] US (60/430,934) 2002-12-05

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[11] **2,506,854**

[13] C

- [51] **Int.Cl. G06F 7/00 (2006.01)**  
[25] EN  
[54] **DISTRIBUTED INTELLIGENCE,  
WIRELESS, LIGHT-DIRECTED  
PICK/PUT SYSTEM**  
[54] **SYSTEME PRENEUR-PLACEUR  
REPARTI, DIRIGE PAR  
ECLAIRAGE, INTELLIGENT ET  
SANS FIL**  
[72] PECK, JOHN C., US  
[73] FASTFETCH CORPORATION, US  
[85] 2005-05-19  
[86] 2004-01-30 (PCT/US2004/002774)  
[87] (WO2004/070559)  
[30] US (60/443,584) 2003-01-30  
[30] US (10/617,157) 2003-07-10

[11] **2,508,065**

[13] C

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A61P 9/00 (2006.01)**  
[25] EN  
[54] **ANTIPROLIFERATIVE DRUG  
AND DELIVERY DEVICE**  
[54] **MEDICAMENT  
ANTIPROLIFERATIF ET  
DISPOSITIF D'ADMINISTRATION**  
[72] FALOTICO, ROBERT, US  
[72] KOPIA, GREGORY A., US  
[72] LLANOS, GERARD H., US  
[72] SIEKIERKA, JOHN, US  
[73] CORDIS CORPORATION, US  
[86] (2508065)  
[87] (2508065)  
[22] 2005-05-20  
[30] US (10/852,517) 2004-05-24

[11] **2,511,075**

[13] C

- [51] **Int.Cl. B60L 13/04 (2006.01) B61B  
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[25] FR  
[54] **VEHICLE DESIGNED TO TRAVEL  
ALONG AT LEAST ONE RAIL**  
[54] **VEHICULE PREVU POUR SE  
DEPLACER LE LONG D'AU  
MOINS UN RAIL**  
[72] NAST, JEAN-DANIEL, FR  
[73] ALSTOM TRANSPORT SA, FR  
[86] (2511075)  
[87] (2511075)  
[22] 2005-06-28  
[30] FR (04 07402) 2004-07-02

[11] **2,512,047**

[13] C

- [51] **Int.Cl. G09G 5/36 (2006.01) G09G  
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[25] EN  
[54] **COMMAND USER INTERFACE  
FOR DISPLAYING SELECTABLE  
SOFTWARE FUNCTIONALITY  
CONTROLS**  
[54] **INTERFACE UTILISATEUR DE  
COMMANDE POUR  
L'AFFICHAGE DE COMMANDES  
DE FONCTIONNALITES  
LOGICIELLES  
SELECTIONNABLES**  
[72] BUTCHER, AARON M., US  
[72] MORTON, DAVID A., US  
[72] HARRIS, JENSEN M., US  
[72] SATTERFIELD, JESSE CLAY, US  
[72] DENNEY, JUSTIN, US  
[73] MICROSOFT CORPORATION, US  
[86] (2512047)  
[87] (2512047)  
[22] 2005-07-13  
[30] US (10/955,967) 2004-09-30  
[30] US (60/601,815) 2004-08-16

[11] **2,521,402**

[13] C

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A01H 5/00 (2006.01) A01N 63/00  
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A61Q 11/00 (2006.01) C07H 21/00  
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(2006.01) C12P 19/00 (2006.01) C12P  
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(2006.01) D01C 1/02 (2006.01) D21H  
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(2006.01)**  
[25] EN  
[54] **PECTATE LYASES, NUCLEIC  
ACIDS ENCODING THEM AND  
METHODS FOR MAKING AND  
USING THEM**  
[54] **PECTATE LYASES, ACIDES  
NUCLEIQUES CODANT CES  
DERNIERES ET PROCEDES DE  
FABRICATION ET  
D'UTILISATION**  
[72] KEROVUO, JANNE, US  
[72] SOLBAK, ARNE, US  
[72] GRAY, KEVIN, US  
[72] MCCANN, RYAN, US  
[72] PUROHIT, SHALAKA, US  
[72] GERENDASH, JOEL, US  
[72] JANSSEN, GISELLE, US  
[72] DAHOD, SAMUN, US  
[73] VERENIUM CORPORATION, US  
[85] 2005-10-04  
[86] 2004-04-02 (PCT/US2004/010229)  
[87] (WO2004/090099)  
[30] US (60/460,842) 2003-04-04  
[30] US (60/484,798) 2003-07-03

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[13] C

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[25] EN  
[54] **FLUID MANAGEMENT FLOW IMPLANTS OF IMPROVED OCCLUSION RESISTANCE**  
[54] **IMPLANTS A RESISTANCE ACCRUE AUX OCCLUSIONS POUR LA GESTION DE L'ECOULEMENT D'UN FLUIDE**  
[72] DEXTRADEUR, ALAN, US  
[72] MAUGE, CHRISTOPHE, US  
[73] CODMAN & SHURTLEFF, INC., US  
[86] (2521884)  
[87] (2521884)  
[22] 2005-09-29  
[30] US (10/955,776) 2004-09-30

[11] **2,522,004**  
[13] C

[51] **Int.Cl. B32B 5/08 (2006.01) A41D 27/24 (2006.01) B32B 7/10 (2006.01)**  
[25] EN  
[54] **WATERPROOF SEAM INVOLVING BI-COMPONENT MATERIAL**  
[54] **COUTURE IMPERMEABLE A L'EAU UTILISANT UN MATERIAU A DEUX COMPOSANTS**  
[72] BARRETT, SHAUN, GB  
[73] W.L. GORE & ASSOCIATES (UK) LIMITED, GB  
[85] 2005-10-11  
[86] 2004-04-14 (PCT/GB2004/001597)  
[87] (WO2004/091902)  
[30] GB (0308667.5) 2003-04-15

[11] **2,523,674**  
[13] C

[51] **Int.Cl. C22C 21/16 (2006.01)**  
[25] EN  
[54] **AL-CU-MG-AG-MN ALLOY FOR STRUCTURAL APPLICATIONS REQUIRING HIGH STRENGTH AND HIGH DUCTILITY**  
[54] **ALLIAGE AL-CU-MG-AG-MN DESTINE A DES APPLICATIONS STRUCTURALES NECESSITANT UNE RESISTANCE ET UNE DUCTILITE AMELIOREES**  
[72] CHO, ALEX, US  
[72] DANGERFIELD, VIC, US  
[72] BES, BERNARD, FR  
[72] WARNER, TIMOTHY, FR  
[73] CONSTELLIUM FRANCE, FR  
[73] CONSTELLIUM ROLLED PRODUCTS RAVENSWOOD, LLC, US  
[85] 2005-10-25  
[86] 2004-05-26 (PCT/US2004/016493)  
[87] (WO2004/106566)  
[30] US (60/473,538) 2003-05-28

[11] **2,524,929**  
[13] C

[51] **Int.Cl. A01N 1/02 (2006.01) C12N 5/0735 (2010.01)**  
[25] EN  
[54] **CRYOPRESERVATION OF HUMAN BLASTOCYST-DERIVED STEM CELLS BY USE OF A CLOSED STRAW VITRIFICATION METHOD**  
[54] **CRYOCONSERVATION DE CELLULES SOUCHES HUMAINES DERIVEES DE BLASTOCYSTES AU MOYEN D'UN PROCEDE DE VITRIFICATION DANS DES PAILLETES FERMEES**  
[72] SJOEGREN, ANITA, SE  
[72] KILMARE, EVA KARIN, SE  
[72] ENERBAECK, SVEN, SE  
[72] ERIKSSON, PETER, SE  
[73] CELLARTIS AB, SE  
[85] 2005-11-07  
[86] 2004-05-10 (PCT/EP2004/005031)  
[87] (WO2004/098285)  
[30] DK (PA 2003 00700) 2003-05-08  
[30] US (60/469,320) 2003-05-08  
[30] DK (PA 2003 00984) 2003-06-27  
[30] DK (PA 2003 00983) 2003-06-27

[11] **2,525,314**  
[13] C

[51] **Int.Cl. C12N 1/20 (2006.01) C02F 3/34 (2006.01)**  
[25] FR  
[54] **METHOD OF DEGRADING TBP USING A PHOTOSYNTHETIC BACTERIAL STRAIN**  
[54] **PROCEDE DE DEGRADATION DU TBP PAR UNE SOUCHE BACTERIENNE PHOTOSYNTHETIQUE**  
[72] GARCIA, DANIEL, FR  
[72] BERNE, CECILE, FR  
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR  
[85] 2005-11-09  
[86] 2004-05-13 (PCT/FR2004/001165)  
[87] (WO2004/101449)  
[30] FR (03/05762) 2003-05-14

[11] **2,525,941**  
[13] C

[51] **Int.Cl. H04L 29/02 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR IMAGE SHARING OVER A NETWORK**  
[54] **PROCEDES ET SYSTEME DE PARTAGE D'IMAGES SUR UN RESEAU**  
[72] HERF, MICHAEL, US  
[72] MCBARRON, BRIAN, US  
[73] GOOGLE INC., US  
[85] 2005-11-15  
[86] 2004-05-17 (PCT/US2004/015255)  
[87] (WO2004/104759)  
[30] US (60/471,168) 2003-05-16

[11] **2,528,802**  
[13] C

[51] **Int.Cl. C10G 15/08 (2006.01) B01D 53/60 (2006.01) B01J 19/10 (2006.01)**  
[25] EN  
[54] **TREATMENT OF CRUDE OIL FRACTIONS, FOSSIL FUELS, AND PRODUCTS THEREOF WITH SONIC ENERGY**  
[54] **TRAITEMENT DE FRACTIONS DE PETROLE BRUT, DE COMBUSTIBLES FOSSILES ET DE PRODUITS ASSOCIES A L'AIDE DE L'ENERGIE SONIQUE**  
[72] CULLEN, MARK, US  
[73] CULLEN, MARK, US  
[85] 2005-12-08  
[86] 2004-05-06 (PCT/US2004/014243)  
[87] (WO2004/101100)  
[30] US (10/431,666) 2003-05-08

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[11] **2,540,666**  
[13] C

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 45/00 (2006.01) A61K 47/48 (2006.01) G01N 33/567 (2006.01)**

[25] EN

[54] **GLUCOCEREBROSIDE TREATMENT OF DISEASE**

[54] **TRAITEMENT AU GLUCOCEREBROSIDE D'UNE MALADIE**

[72] ILAN, YARON, IL  
[72] MARGALIT, MAYA, IL  
[72] ZIMRAN, ARI, IL  
[73] ENZO THERAPEUTICS, INC., US  
[85] 2006-03-29  
[86] 2004-09-20 (PCT/US2004/030841)  
[87] (WO2005/032462)  
[30] US (10/675,980) 2003-09-30

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[11] **2,544,273**  
[13] C

[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/33 (2013.01)**

[25] EN

[54] **DISTRIBUTED DELEGATED PATH DISCOVERY AND VALIDATION**

[54] **DECOUVERTE ET VALIDATION DE TRAJETS PAR DELEGATION DISTRIBUEE**

[72] ENGBERG, DAVID, US  
[73] ASSA ABLOY AB, SE  
[85] 2006-04-28  
[86] 2004-11-19 (PCT/US2004/039126)  
[87] (WO2005/052752)  
[30] US (60/523,398) 2003-11-19

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[11] **2,545,325**  
[13] C

[51] **Int.Cl. A61K 39/09 (2006.01) A61P 11/02 (2006.01) C07K 16/12 (2006.01) C12N 9/24 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR REDUCING BACTERIAL CARRIAGE AND CNS INVASION AND METHODS OF USING SAME**

[54] **COMPOSITIONS PERMETTANT DE REDUIRE LE PORTAGE BACTERIEN ET L'INVASION BACTERIENNE DU SNC ET METHODES D'UTILISATION DE CES COMPOSITIONS**

[72] VAN GINKEL, FREDERIK W., US  
[72] BRILES, DAVID E., US  
[72] WATT, JAMES M., US  
[73] UAB RESEARCH FOUNDATION, US  
[85] 2006-05-09  
[86] 2004-11-10 (PCT/US2004/037394)  
[87] (WO2005/046721)  
[30] US (60/518,799) 2003-11-10

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[11] **2,545,429**  
[13] C

[51] **Int.Cl. H04W 56/00 (2009.01) H03L 7/00 (2006.01) G10H 1/00 (2006.01)**

[25] EN

[54] **METHOD FOR SYNCHRONIZING AT LEAST ONE MULTIMEDIA PERIPHERAL OF A PORTABLE COMMUNICATION DEVICE WITH AN AUDIO FILE, AND CORRESPONDING PORTABLE COMMUNICATION DEVICE**

[54] **METHODE DE SYNCHRONISATION D'AU MOINS UN SEUL PERIPHERIQUE MULTIMEDIA D'UN DISPOSITIF DE COMMUNICATION PORTATIF AVEC UN FICHER AUDIO ET DISPOSITIF DE COMMUNICATION PORTATIF CONNEXE**

[72] CASTRES, CHRISTOPHE, FR  
[72] LE, MINH, FR  
[72] GUILBAUD, MICHAEL, FR  
[72] GOHN, MURIEL, FR  
[73] DRNC HOLDINGS, INC., US  
[86] (2545429)  
[87] (2545429)  
[22] 2006-05-01  
[30] EP (05 300 374.5) 2005-05-12

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[11] **2,546,261**  
[13] C

[51] **Int.Cl. G01R 11/04 (2006.01)**

[25] EN

[54] **SINGLE METER SOCKET ASSEMBLY**

[54] **EMBASE DE COMPTEUR**

[72] JOHNSON, JEFFREY L., US  
[73] EATON CORPORATION, US  
[86] (2546261)  
[87] (2546261)  
[22] 2006-05-11  
[30] US (11/126,541) 2005-05-11

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[11] **2,546,342**  
[13] C

[51] **Int.Cl. C08G 69/48 (2006.01) C08G 69/46 (2006.01) D01F 6/90 (2006.01)**

[25] EN

[54] **COMPOSITE MATERIAL PRECURSORS AND COMPOSITE MATERIALS, METHODS OF MANUFACTURE AND USES THEREOF**

[54] **PRECURSEURS DE MATIERES COMPOSEES ET MATIERES COMPOSEES, LEURS PROCEDES DE FABRICATION ET LEURS UTILISATIONS**

[72] KWEEDER, JAMES A., US  
[73] HONEYWELL INTERNATIONAL INC., US  
[85] 2006-05-17  
[86] 2004-11-17 (PCT/US2004/038686)  
[87] (WO2005/049694)  
[30] US (60/523,403) 2003-11-18

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[11] **2,552,167**  
[13] C

[51] **Int.Cl. F16L 11/20 (2006.01) F16L 11/10 (2006.01) F16L 11/12 (2006.01)**

[25] EN

[54] **SUSTAINABLE AND SAFE TUBE FOR SUPPLYING GASEOUS FUEL SUCH AS LPG, NG OR HYTHANE**

[54] **TUBE DURABLE ET SUR PERMETTANT L'APPROVISIONNEMENT EN COMBUSTIBLES GAZEUX COMME LES GPL, LE GAZ NATUREL OU L'HYTHANE**

[72] PANDEY, RAJ N., CA  
[72] JACKSON, TERRY L., CA  
[73] MAXIMA LABORATORIES (CANADA) INC., CA  
[86] (2552167)  
[87] (2552167)  
[22] 2006-07-06

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[11] **2,555,622**  
[13] C

[51] **Int.Cl. F16L 11/11 (2006.01) F16L 11/118 (2006.01)**  
[25] EN  
[54] **PORTABLE FLEXIBLE AND EXTENDABLE DRAIN PIPE**  
[54] **TUYAU DE DRAINAGE PORTATIF SOUPLE ET EXTENSIBLE**  
[72] BOETTNER, E. MICHAEL, US  
[72] HALL, BILLY J., US  
[72] HOFFMAN, FRANK T., US  
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[54] **TURBINE A GAZ ET METHODES D'ASSEMBLAGE**  
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[72] MONIZ, THOMAS ORY, US  
[73] GENERAL ELECTRIC COMPANY, US  
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[54] **PRESSURIZED WATER REACTOR VESSEL**  
[54] **CUVE DE REACTEUR NUCLEAIRE A EAU SOUS PRESSION**  
[72] MULLER, THIERRY, FR  
[72] DOLLEANS, PHILIPPE, FR  
[72] HENSCH, FABIEN, FR  
[73] AREVA NP, FR  
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[11] **2,558,162**  
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[51] **Int.Cl. E21B 47/16 (2006.01)**  
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[54] **SURFACE REAL-TIME PROCESSING OF DOWNHOLE DATA**  
[54] **TRAITEMENT A LA SURFACE EN TEMPS REEL DE DONNEES DE FOND DE Puits**  
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[72] GLEITMAN, DANIEL D., US  
[72] DUDLEY, JAMES H., US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
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[51] **Int.Cl. H04W 36/14 (2009.01) H04W 52/02 (2009.01)**  
[25] EN  
[54] **APPARATUS, AND ASSOCIATED METHOD, FOR PERMITTING COMMUNICATION SYSTEM TRANSITION BASED UPON SIGNAL THRESHOLD DETERMINATION**  
[54] **APPAREIL ET METHODE CONNEXE PERMETTANT LA TRANSITION D'UN SYSTEME DE COMMUNICATIONS SELON LA DETERMINATION DE SEUIL DES SIGNAUX**  
[72] CHAUDRY, SHAHID RASUL, CA  
[72] YEUNG, GRACE T. Y., CA  
[72] HOSSAIN, ASIF, CA  
[72] ISLAM, MUHAMMAD KHALEDUL, CA

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[54] **PROJECTILE EXEMPT DE PLOMB**  
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[72] BAUMGARTNER, HANS, CH  
[72] SCHAER, FRITZ, CH  
[73] RUAG AMMOTEC, CH  
[85] 2006-11-09  
[86] 2005-05-09 (PCT/CH2005/000257)  
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[51] **Int.Cl. C07K 16/30 (2006.01)**  
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[54] **ANTI-HUMAN TENASCIN MONOCLONAL ANTIBODY**  
[54] **ANTICORPS MONOCLONAL ANTI-TENASCINE HUMAINE**  
[72] DE SANTIS, RITA, IT  
[72] PELLICCIA, ANGELA, IT  
[72] PALOMBO, GIOVANNA, IT  
[72] CARMINATI, PAOLO, IT  
[73] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT  
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[73] BLACKBERRY LIMITED, CA  
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[54] **A CIRCUIT FOR MONITORING HARMONIC DISTORTION IN THE POWER SUPPLY OF A SYNCHRONOUS ELECTRICAL MACHINE WITH PERMANENT MAGNET EXCITATION**

[54] **CIRCUIT POUR SURVEILLER LA DISTORSION HARMONIQUE DE L'ALIMENTATION D'UNE MACHINE ELECTRIQUE SYNCHRONE A EXCITATION PAR AIMANT PERMANENT**

[72] SCHROEDER, ULRICH, FR  
[72] BRUNET, MAURICE, FR  
[72] HAFFRAY, BERTRAND, FR  
[73] SKF MAGNETIC MECHATRONICS, FR

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[25] EN

[54] **AIRCRAFT TRAILING EDGE DEVICES, INCLUDING DEVICES HAVING FORWARDLY POSITIONED HINGE LINES, AND ASSOCIATED METHODS**

[54] **DISPOSITIFS DE BORD DE FUITE D'AERONEF, COMPRENANT DES DISPOSITIFS PRESENTANT DES AXES D'ARTICULATION POSITIONNES VERS L'AVANT, ET METHODES ASSOCIEES**

[72] LACY, DOUGLAS S., US  
[72] KORDEL, JAN A., US  
[72] DOVEY, JOHN V., US  
[72] BALZER, MICHAEL A., US  
[72] SAKURAI, SEIYA, US  
[72] HUYNH, NEAL V., US  
[73] THE BOEING COMPANY, US

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[54] **FELLING HEAD WITH OFFSET ARMS**

[54] **TETE D'ABATTAGE AVEC BRAS DEPORTES**

[72] DISABATINO, BENJAMIN, CA  
[73] JOHN DEERE CANADA ULC, CA

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[87] (2568447)  
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[54] **TOWED VEHICLE BRAKING APPARATUS**

[54] **DISPOSITIF DE FREINAGE DE VEHICULE REMORQUE**

[72] KAMINSKI, GARY, US  
[72] SICKLER, VICKI, US  
[72] GRAY, JONATHAN, US  
[73] HOPKINS MANUFACTURING CORP., US

[86] (2568538)  
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[54] **INERTIAL SENSOR**

[54] **CAPTEUR INERTIEL**

[72] ACKERLEY, NICHOLAS JASON, CA  
[72] BAINBRIDGE, GEOFFREY STEWART, CA  
[73] NANOMETRICS INC., CA

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[54] **PERCUTANEOUS ENDOPROSTHESIS USING SUPRARENAL FIXATION AND BARBED ANCHORS**

[54] **ENDOPROTHESE PERCUTANEE COMPRENANT UN DISPOSITIF DE FIXATION SURRENAL ET DES ANCRES BARBELEES**

[72] BOUCHER, DONALD D., US  
[72] DUGERY, MICHAEL, US  
[72] JOHNSON, KIRK L., US  
[72] KHAN, ISAAC JOHN, US  
[72] MAJERCAK, DAVID C., US  
[72] RUSH, SCOTT LYLE, US  
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[54] **METHOD OF COATING STENTS TO IMPROVE THE STABILITY OF THE THERAPEUTIC AGENT CONTAINED THEREIN**

[54] **PROCEDE DE REVETEMENT DES ENDOPROTHESES POUR AMELIORER LA STABILITE DE L'AGENT THERAPEUTIQUE CONTENU DANS CELLES-CI**

[72] AKERMAN, EUGENA A., US  
[72] CLEEREN, DIRK, BE  
[72] LLANOS, GERARD, US  
[72] MARYANOFF, CYNTHIA A., US  
[72] PAPANDREOU, GEORGIOS, US  
[72] RION, WILLIAM L., US  
[72] SIX, KAREL, BE  
[72] TODD, THOMAS L., US  
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[54] **PIEGE A IONS A AIMANT PERMANENT LONGITUDINAL ET SPECTROMETRE DE MASSE UTILISANT UN TEL AIMANT**

[72] HENINGER, MICHEL, FR  
[72] LEMAIRE, JOEL, FR  
[72] MAUCLAIRE, GERARD, FR  
[72] BOISSEL, PIERRE, FR  
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR  
[73] UNIVERSITE PIERRE ET MARIE CURIE - PARIS VI, FR  
[73] UNIVERSITE DE PARIS 11 - PARIS SUD, FR  
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[25] EN  
[54] **SYSTEM AND METHOD FOR CONTROLLING TOTAL ELECTRICAL POWER ACROSS MULTIPLE FURNACES USING ELECTRODE POSITIONING**

[54] **SYSTEME ET PROCEDE DE COMMANDE DE PUISSANCE ELECTRIQUE TOTALE A TRAVERS DES FOURS MULTIPLES VIA UN POSITIONNEMENT D'ELECTRODES**

[72] MA, THOMAS LAI WAI, CA  
[73] HATCH LTD., CA  
[85] 2007-02-26  
[86] 2005-09-01 (PCT/CA2005/001330)  
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[25] EN  
[54] **MACROCYCLIC MODULATORS OF THE GHRELIN RECEPTOR**

[54] **MODULATEURS MACROCYCLIQUES DU RECEPTEUR A GHRELIN**

[72] HOVEYDA, HAMID, CA  
[72] PETERSON, MARK, CA  
[72] FRASER, GRAEME, CA  
[72] RAMASESHAN, MAHESH, US  
[73] OCERA THERAPEUTICS, INC., US  
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[25] EN  
[54] **DEGLYCOSYLATED AND DESIALIDATED LONG PENTRAXIN PTX3**

[54] **PENTRAXINE LONGUE PTX3 DEGLYCOSYLEE ET DESIALIDEE**

[72] DE SANTIS, RITA, IT  
[72] SALVATORI, GIOVANNI, IT  
[72] CARMINATI, PAOLO, IT  
[72] INFORZATO, ANTONIO, IT  
[73] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT  
[85] 2007-03-14  
[86] 2005-09-28 (PCT/EP2005/054860)  
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[25] EN  
[54] **OPEN-CELL POLYURETHANE FOAM WITHOUT SKIN FORMATION, FORMULATION FOR ITS PREPARATION AND ITS USE AS SUPPORT MATERIAL FOR CELL CULTURES AND TISSUE CULTURES OR MEDICAMENTS**

[54] **MOUSSE POLYURETHANNE A PORES OUVERTS EXEMPT DE PEAU, FORMULATION SERVANT A SA PREPARATION ET SON UTILISATION COMME MATIERE DE SUPPORT POUR LA CULTURE CELLULAIRE OU LA CULTURE TISSULAIRE, OU COMME MEDICAMENT**

[72] WIESE, HINRICH, DE  
[72] MAIER, GERHARD, DE  
[73] POLYMATERIALS AG, DE  
[85] 2007-03-16  
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[30] DE (10 2004 046 172.4) 2004-09-23

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[25] EN  
[54] **TETRAHYDROINDOLONE DERIVATIVES FOR TREATMENT OF NEUROLOGICAL CONDITIONS**

[54] **DERIVES DE TETRAHYDROINDOLONE DESTINES AU TRAITEMENT D'ETATS NEUROLOGIQUES**

[72] HELTON, DAVID REED, US  
[72] FICK, DAVID BRIAN, US  
[72] SHARP, JASON PAUL, US  
[72] PFADENHAUER, ERNEST H., US  
[73] ABRAXIS BIOSCIENCE, INC., US  
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[54] **BRAS ACCROCHE-FLAMMES D'UNE CHAMBRE DE POST-COMBUSTION**  
[72] BUNEL, JACQUES MARCEL ARTHUR, FR  
[72] GIRARD, NICOLAS PIERRE-MARIE, FR  
[73] SNECMA, FR  
[86] (2582624)  
[87] (2582624)  
[22] 2007-03-28  
[30] FR (0602742) 2006-03-30

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[54] **METHOD AND SYSTEM FOR INTERPRETING TUBING DATA**  
[54] **METHODE ET SYSTEME PERMETTANT D'INTERPRETER LES DONNEES D'UNE COLONNE DE PRODUCTION**  
[72] NEWMAN, FREDERIC M., US  
[73] KEY ENERGY SERVICES, INC., US  
[86] (2582795)  
[87] (2582795)  
[22] 2007-03-26  
[30] US (60/786,252) 2006-03-27  
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[13] C

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[54] **PROCEDE ET APPAREIL DE DEPISTAGE D'UNE RETINOPATHIE**  
[72] GORIN, MICHAEL B., US  
[73] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US  
[85] 2007-04-04  
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[25] EN  
[54] **TIRE PRESSURE MAINTENANCE DEVICE**  
[54] **DISPOSITIF DE MAINTIEN DE LA PRESSION DE GONFLAGE DES PNEUMATIQUES**  
[72] LOEWE, RICHARD, US  
[73] LOEWE, RICHARD, US  
[85] 2007-05-03  
[86] 2005-11-14 (PCT/US2005/041305)  
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[13] C

[51] **Int.Cl. A61B 5/117 (2006.01) A61B 5/0452 (2006.01)**  
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[54] **METHOD AND APPARATUS FOR ELECTRO-BIOMETRIC IDENTITY RECOGNITION**  
[54] **PROCEDE ET APPAREIL DE RECONNAISSANCE D'IDENTITE ELECTRO-BIOMETRIQUE**  
[72] LANGE, DANIEL H., IL  
[73] INTEL CORPORATION, US  
[85] 2007-05-07  
[86] 2005-11-08 (PCT/IB2005/003281)  
[87] (WO2006/059190)  
[30] IL (PCT/IB2004/03899) 2004-11-08

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[25] EN  
[54] **METHOD AND APPARATUS FOR BEARING THRUST MONITORING**  
[54] **PROCEDE ET APPAREIL DE SURVEILLANCE DE LA POUSSEE DES SUPPORTS**  
[72] GEBHART, WALTER M., US  
[73] PHILLIPS KILN SERVICES LTD., US  
[85] 2007-05-07  
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[25] EN  
[54] **MICRO-ORGANISM FOR DECONTAMINATING FUMONISINS AND ITS USE, METHOD FOR DECONTAMINATING FUMONISINS AND FEED ADDITIVE CONTAINING SAID MICRO-ORGANISM**  
[54] **MICRO-ORGANISME POUR DECONTAMINER DE FUMONISINES ET SON UTILISATION, PROCEDE POUR DECONTAMINER DE FUMONISINES ET ADDITIF D'ALIMENT POUR ANIMAUX CONTENANT CE MICRO-ORGANISME**  
[72] SCHATZMAYR, GERD, AT  
[72] TAEUBEL, MARTIN, AT  
[72] VEKIRU, ELISAVET, AT  
[72] BINDER, EVA-MARIA, AT  
[73] ERBER AKTIENGESELLSCHAFT, AT  
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[86] 2005-11-15 (PCT/AT2005/000453)  
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[25] EN  
[54] **METHODS, APPARATUS AND SYSTEM FOR FILM GRAIN CACHE SPLITTING FOR FILM GRAIN SIMULATION**  
[54] **PROCEDES, APPAREIL ET SYSTEME DE REPARTITION DE CACHE DE GRAIN DE FILM POUR SIMULATION DE GRAIN DE FILM**  
[72] COOPER, JEFFREY ALLEN, US  
[72] GOMILA, CRISTINA, US  
[72] LLACH, JOAN, US  
[73] THOMSON LICENSING, FR  
[85] 2007-05-11  
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[54] **PROCEDE DE CREATION DE TRANSITIONS INTER-SCENES**  
[72] OH, BYONG MOK, US  
[73] EVERYSCAPE, INC., US  
[85] 2007-05-08  
[86] 2005-11-11 (PCT/US2005/041086)  
[87] (WO2006/053271)  
[30] US (60/627,335) 2004-11-12  
[30] US (60/712,356) 2005-08-30

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[25] EN  
[54] **PROCESS AND APPARATUS FOR COATING A CONTROLLED RELEASE PRODUCT IN A ROTATING DRUM**  
[54] **PROCEDE ET APPAREIL POUR ENDUIRE UN PRODUIT A LIBERATION CONTROLLEE DANS UN TAMBOUR ROTATIF**  
[72] XING, BAOZHONG, CA  
[72] WILMS, LAWRENCE ARTHUR, CA  
[72] WYNNYK, NICK PETER, CA  
[72] FORD, ROBERT GLEN, CA  
[72] BABIAK, NICOLETTE MARY, CA  
[72] EASTHAM, DAVID J., CA  
[73] AGRIMUM INC., CA  
[85] 2007-05-29  
[86] 2005-11-30 (PCT/CA2005/001814)  
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[25] EN  
[54] **ELECTRIC PROGRESSIVE CAVITY PUMP**  
[54] **POMPE ELECTRIQUE A ROTOR HELICOIDAL EXCENTRE**  
[72] LIU, JOSEPH C., US  
[72] MCCARTNEY, PATRICK M., US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[86] (2590422)  
[87] (2590422)  
[22] 2007-05-25  
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[54] **DOWNHOLE COMMUNICATION**  
[54] **COMMUNICATION DE TROU DE FOND**  
[72] HUDSON, STEVEN MARTIN, GB  
[73] EXPRO NORTH SEA LIMITED, GB  
[85] 2007-05-31  
[86] 2005-11-28 (PCT/GB2005/004551)  
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[30] GB (0426594.8) 2004-12-03

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[13] C

[51] **Int.Cl. C03C 3/091 (2006.01)**  
[25] EN  
[54] **FILS DE VERRE APTES A RENFORCER DES MATIERES ORGANIQUES ET/OU INORGANIQUES**  
[54] **GLASS YARNS FOR REINFORCING ORGANIC AND/OR INORGANIC MATERIALS**  
[72] LECOMTE, EMMANUEL, FR  
[72] BERTHEREAU, ANNE, FR  
[73] SAINT-GOBAIN VETROTEx FRANCE S.A., FR  
[85] 2007-06-15  
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[25] FR  
[54] **MULTILAYER MATERIAL FOR HEAT PROTECTIVE GARMENTS**  
[54] **MATERIAU MULTICOUCHES POUR VETEMENTS DE PROTECTION CONTRE LA CHALEUR**  
[72] THIRIOT, LAURENT, FR  
[73] KERMEL, FR  
[85] 2007-06-07  
[86] 2005-12-16 (PCT/FR2005/003172)  
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[30] FR (0413614) 2004-12-20

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[13] C

[51] **Int.Cl. C07K 14/54 (2006.01) C07K 16/46 (2006.01) A61P 31/18 (2006.01) A61P 35/00 (2006.01) C12N 15/24 (2006.01)**  
[25] EN  
[54] **IL-7 VARIANTS WITH REDUCED IMMUNOGENICITY**  
[54] **VARIANTS DE L'IL-7 A IMMUNOGENICITE REDUITE**  
[72] GILLIES, STEPHEN D., US  
[72] WAY, JEFFREY C., US  
[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE  
[85] 2007-06-07  
[86] 2005-12-08 (PCT/EP2005/013145)  
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[25] EN  
[54] **EXTERNAL SKIN AGENT COMPRISING MODIFIED CLAY FOR PREVENTING INFLAMMATION**  
[54] **AGENT CUTANE EXTERNE COMPRENANT DE L'ARGILE MODIFIEE UTILE EN PREVENTION DE L'INFLAMMATION**  
[72] OHARA, YASUHIRO, JP  
[72] SUZUKI, MASASHI, JP  
[72] TAKANO, NORIKAZU, JP  
[72] MITSUYAMA, SHUNPEI, JP  
[73] POLA CHEMICAL INDUSTRIES INC., JP  
[85] 2007-06-21  
[86] 2005-11-25 (PCT/JP2005/022139)  
[87] (WO2006/067945)  
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[51] **Int.Cl. G07C 15/00 (2006.01) A63F 3/06 (2006.01) A63F 9/24 (2006.01) G07F 17/32 (2006.01)**  
[25] EN  
[54] **HIGH VOLUME ELECTRONIC LOTTERY TICKET DISTRIBUTION SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION DE BILLETS DE LOTERIE ELECTRONIQUES A GRANDE ECHELLE**  
[72] MALLE, NIMAI C., US  
[72] ENZMINGER, JOSEPH R., US  
[73] MULTIMEDIA GAMES, INC., US  
[85] 2007-06-28  
[86] 2005-11-01 (PCT/US2005/039290)  
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[13] C

[51] **Int.Cl. A61B 17/12 (2006.01)**  
[25] EN  
[54] **A METHOD OF IMPLANTING A MEDICAL DEVICE USING A SUTURE TAB EXTENDER**  
[54] **METHODE D'IMPLANTATION D'UN DISPOSITIF MEDICAL AU MOYEN D'UN PROLONGATEUR A PATTE POUR SUTURE**  
[72] JAMBOR, KRISTIN L., US  
[72] WILEY, JEFFREY P., US  
[72] WEANER, LAUREN S., US  
[72] JENSEN, DUSTIN R., US  
[72] SWINDON, PATRICK J., US  
[72] WIDENHOUSE, CHRISTOPHER W., US  
[73] ETHICON ENDO-SURGERY, INC., US  
[86] (2593910)  
[87] (2593910)  
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[25] EN  
[54] **ACCESS CONTROL SYSTEM**  
[54] **SYSTEME DE CONTROLE D'ACCES**  
[72] PONERT, GREGOR, AT  
[72] GOLSER, RUDOLF, AT  
[73] SKIDATA AG, AT  
[86] (2595428)  
[87] (2595428)  
[22] 2007-08-01  
[30] EP (06016586) 2006-08-08

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[13] C

[51] **Int.Cl. H04W 28/08 (2009.01)**  
[25] EN  
[54] **APPARATUS, AND ASSOCIATED METHOD, FOR PERFORMING CELL SELECTION IN A PACKET RADIO COMMUNICATION SYSTEM**  
[54] **APPAREIL ET METHODE CONNEXE POUR EXECUTER LA SELECTION DE CELLULE DANS UN SYSTEME DE RADIOCOMMUNICATION A COMMUTATION DE PAQUETS**  
[72] PECEN, MARK, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2596116)  
[87] (2596116)  
[22] 2007-08-03  
[30] EP (06118546.8) 2006-08-07

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[13] C

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[25] EN  
[54] **LOCAL TREATMENT OF NEUROFIBROMAS**  
[54] **TRAITEMENT LOCAL DES NEUROFIBROMES**  
[72] CHEN, RUIHONG, US  
[72] RUBENSTEIN, ALLAN E., US  
[72] SHEN, XIAODONG, US  
[72] STEWART, SCOTT, US  
[72] YU, JIN-CHEN, US  
[73] ONCOSYNERGY, INC., US  
[85] 2007-08-01  
[86] 2006-02-02 (PCT/US2006/003588)  
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[25] EN  
[54] **HAND TOOLS AND HANDLES THEREFOR**  
[54] **OUTILS A MAIN ET POIGNEES A CET EFFET**  
[72] STEINER, RICHARD A., US  
[72] POND, FREDERICK D., US  
[73] EMERSON ELECTRIC CO., US  
[86] (2597310)  
[87] (2597310)  
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[30] US (60/848,858) 2006-10-02  
[30] US (11/769,215) 2007-06-27

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[13] C

[51] **Int.Cl. A61K 9/14 (2006.01)**  
[25] EN  
[54] **STABILIZED HME COMPOSITION WITH SMALL DRUG PARTICLES**  
[54] **COMPOSITION DE PETITES PARTICULES MEDICAMENTEUSES CHAUFFEE ET STABILISEE**  
[72] MILLER, DAVE A., US  
[72] MCCONVILLE, JASON T., US  
[72] MCGINITY, JAMES W., US  
[72] WILLIAMS, ROBERT O., III, US  
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 2007-08-16  
[86] 2005-11-09 (PCT/US2005/040535)  
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[30] US (60/626,400) 2004-11-09  
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[25] EN  
[54] **HYDROCARBON APPLICATION HOSE**  
[54] **TUYAU SOUPLE D'APPLICATION POUR HYDROCARBURES**  
[72] VARKEY, JOSEPH, US  
[72] WIJNBERG, WILLEM A., US  
[72] MORRISON, MONTIE W., US  
[72] CHANG, SHENG, US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[86] (2599836)  
[87] (2599836)  
[22] 2007-08-31  
[30] US (60/825,729) 2006-09-15  
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[13] C

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[25] EN  
[54] **ROTATING KNOB LOCKING MECHANISM FOR SURGICAL STAPLING DEVICE**  
[54] **MECANISME DE VERROUILLAGE DE BOUTON TOURNANT POUR AGRAFEUSE CHIRURGICALE**  
[72] SCIRICA, PAUL A., US  
[73] TYCO HEALTHCARE GROUP LP, US  
[86] (2600237)  
[87] (2600237)  
[22] 2007-09-05  
[30] US (11/520,343) 2006-09-11

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[11] **2,602,028**  
[13] C

[51] **Int.Cl. C40B 30/00 (2006.01) C07K 14/47 (2006.01) C07K 16/00 (2006.01) C12N 15/13 (2006.01) C40B 30/04 (2006.01) C40B 40/02 (2006.01) C40B 40/10 (2006.01) C40B 50/06 (2006.01) G01N 33/50 (2006.01)**  
[25] EN  
[54] **METHOD FOR ISOLATION OF SOLUBLE POLYPEPTIDES**  
[54] **PROCEDE D'ISOLATION DE POLYPEPTIDES SOLUBLES**  
[72] TANHA, JAMSHID, CA  
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[85] 2007-09-24  
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[87] (WO2006/099747)  
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[13] C

[51] **Int.Cl. F02C 7/36 (2006.01)**  
[25] EN  
[54] **GAS TURBINE ENGINE ASSEMBLY AND METHOD OF ASSEMBLING SAME**  
[54] **ENSEMBLE TURBINE A GAZ ET METHODE DE MONTAGE**  
[72] MONIZ, THOMAS ORY, US  
[72] ORLANDO, ROBERT JOSEPH, US  
[73] GENERAL ELECTRIC COMPANY, US  
[86] (2602322)  
[87] (2602322)  
[22] 2007-09-13  
[30] US (11/535,592) 2006-09-27

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[11] **2,603,775**  
[13] C

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[25] EN  
[54] **METHOD OF PROTECTING AGAINST STAPHYLOCOCCAL INFECTION**  
[54] **METHODE DE PROTECTION CONTRE UNE INFECTION A STAPHYLOCOQUE**  
[72] FATTOM, ALI, US  
[72] KOSSACZKA, ZUZANA, US  
[72] TAYLOR, KIMBERLY L., US  
[72] ENNIFAR, SOFIANE, US  
[72] SARWAR, JAWAD, US  
[73] FATTOM, ALI, US  
[73] GLAXOSMITHKLINE BIOLOGICALS SA, BE  
[85] 2007-10-02  
[86] 2006-04-06 (PCT/US2006/012969)  
[87] (WO2007/053176)  
[30] US (11/101,386) 2005-04-07

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[13] C

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[25] EN  
[54] **SURFACE COATING WITH MULTI-STAGE CURING**  
[54] **REVETEMENT SUPERFICIEL AVEC TRAITEMENT MULTIPHASE**  
[72] EHRMANN, ELKE, DE  
[72] FANDREY, JENS, DE  
[72] FAHRLAENDER, MICHAEL, DE  
[72] BECKER-WEIMANN, KLAUS, DE  
[73] KLEBCHIMIE M.G. BECKER GMBH & CO. KG, DE  
[85] 2007-10-09  
[86] 2006-04-07 (PCT/EP2006/061436)  
[87] (WO2006/106143)  
[30] DE (10 2005 016 516.8) 2005-04-08

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[51] **Int.Cl. B60Q 1/00 (2006.01)**  
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[54] **LUMINAIRE WITH MULTI-PURPOSE MOUNTING FEATURE**  
[54] **LUMINAIRE COMPRENANT UN ELEMENT DE MONTAGE POLYVALENT**  
[72] PFUND, DAVID, US  
[72] MELLING, JAMES A., US  
[73] SYLVAN R. SHEMITZ DESIGNS, INC., US  
[85] 2007-10-10  
[86] 2006-04-12 (PCT/US2006/013711)  
[87] (WO2006/113286)  
[30] US (60/671,980) 2005-04-15

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[13] C

[51] **Int.Cl. A61F 9/007 (2006.01)**  
[25] EN  
[54] **ENHANCED LIFETIME ILLUMINATOR**  
[54] **ILLUMINATEUR A DUREE DE VIE AMELIOREE**  
[72] SMITH, RONALD T., US  
[72] CANEDO, JAIME R., US  
[72] BUCZEK, MARK, US  
[73] ALCON, INC., CH  
[86] (2606397)  
[87] (2606397)  
[22] 2007-10-05  
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[13] C

[51] **Int.Cl. A61K 47/48 (2006.01) C12N 5/07 (2010.01) C07K 17/02 (2006.01) C12Q 1/00 (2006.01)**  
[25] EN  
[54] **ALPHA AMINO ACID ESTER-DRUG CONJUGATES HYDROLYSABLE BY CARBOXYLESTERASES**  
[54] **CONJUGUES D'ESTER AMINE ALPHA HYDROLYSABLES PAR DES COARBOXYLESTERASES**  
[72] DAVIDSON, ALAN HORNSBY, GB  
[72] DRUMMOND, ALAN HASTINGS, GB  
[72] NEEDHAM, LINDSEY ANN, GB  
[73] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB  
[85] 2007-10-31  
[86] 2006-05-04 (PCT/GB2006/001635)  
[87] (WO2006/117567)  
[30] GB (0509226.7) 2005-05-05  
[30] US (60/680,542) 2005-05-13

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[13] C

[51] **Int.Cl. G01R 29/00 (2006.01) G01R 29/08 (2006.01)**  
[25] EN  
[54] **SPECIFIC ABSORPTION RATE MEASUREMENT SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE MESURE DU DEBIT D'ABSORPTION SPECIFIQUE**  
[72] KIMINAMI, KATSUKI, JP  
[72] IYAMA, TAKAHIRO, JP  
[72] ONISHI, TERUO, JP  
[73] NTT DOCOMO, INC., JP  
[86] (2607251)  
[87] (2607251)  
[22] 2007-10-19  
[30] JP (2006-287607) 2006-10-23  
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[13] C

[51] **Int.Cl. A61M 31/00 (2006.01) A61F 2/00 (2006.01) A61K 9/00 (2006.01)**  
[25] EN  
[54] **AN IMPLANTABLE THERAPY SYSTEM FOR TREATING A LIVING BEING WITH AN ACTIVE FACTOR**  
[54] **SYSTEME DE THERAPIE IMPLANTABLE POUR TRAITER UN ETRE VIVANT AVEC UN FACTEUR ACTIF**  
[72] TORNOE, JENS, DK  
[72] WAHLBERG, LARS U., DK  
[73] NSGENE A/S, DK  
[85] 2007-11-19  
[86] 2006-05-15 (PCT/DK2006/000261)  
[87] (WO2006/122551)  
[30] DK (PA 2005 00723) 2005-05-17  
[30] DK (PA 2005 01668) 2005-11-25

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[13] C

[51] **Int.Cl. F42B 7/04 (2006.01)**  
[25] EN  
[54] **SHOTSHELL WITH SHOT PELLETS HAVING MULTIPLE SHAPES**  
[54] **CARTOUCHE A PLOMBS AVEC GRAINS DE PLOMB MULTIFORMES**  
[72] UNKNOWN, ZZ  
[72] POORE, ROCHELLE DIANE, US  
[72] GOODIN, DREW LEE, US  
[72] HEAD, LAWRENCE PETER, US  
[73] ALLIANT TECHSYSTEMS INC., US  
[86] (2609664)  
[87] (2609664)  
[22] 2007-11-07  
[30] US (11/936,012) 2007-11-06

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[13] C

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[25] EN  
[54] **MOBILE OIL SANDS MINING SYSTEM**  
[54] **SYSTEME MOBILE D'EXPLOITATION DE SABLES BITUMINEUX**  
[72] BJORNSON, BRADFORD E., CA  
[72] DECRESCENTIS, MARIO, CA  
[72] LITTLE, JOHN S., CA  
[72] MACDOUGALL, PAUL F., CA  
[73] SUNCOR ENERGY INC., CA  
[86] (2610124)  
[87] (2610124)  
[22] 2007-11-09  
[30] CA (2,567,644) 2006-11-09

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[11] **2,610,176**  
[13] C

[51] **Int.Cl. B31F 1/07 (2006.01)**  
[25] EN  
[54] **DEVICE FOR SATINIZING AND EMBOSsing PACKAGING FOILS**  
[54] **DISPOSITIF DE DESINFECTIOn ET D'EMBOSSAGE DES FEUILLARDS D'EMBALLAGE**  
[72] BOEGLI, CHARLES, CH  
[73] BOEGLI-GRAVURES S.A., CH  
[86] (2610176)  
[87] (2610176)  
[22] 2007-11-13  
[30] EP (06405487.7) 2006-11-22

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[13] C

[51] **Int.Cl. B25J 11/00 (2006.01)**  
[25] EN  
[54] **MANIPULATOR FOR METAL SHEETS**  
[54] **MANIPULATEUR POUR TOLERIE**  
[72] BATTHEU, CLAUDE, IT  
[72] VENTURINI, GIANFRANCO, IT  
[73] SALVAGNINI ITALIA S.P.A., IT  
[86] (2610323)  
[87] (2610323)  
[22] 2007-11-13  
[30] IT (MI2006 A 002240) 2006-11-23

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[13] C

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[25] EN  
[54] **BRAKE EQUIPMENT, LIFT INSTALLATION, A METHOD FOR DETECTING A FUNCTION OF THE BRAKE EQUIPMENT, AND A MODERNISATION SET**  
[54] **DISPOSITIF DE FREINAGE, INSTALLATION D'ASCENSEUR, METHODE DE DETECTION D'UNE FONCTION DU DISPOSITIF DE FREINAGE ET ENSEMBLE DE MODERNISATION**  
[72] FISCHER, DANIEL, CH  
[73] INVENTIO AG, CH  
[86] (2610512)  
[87] (2610512)  
[22] 2007-11-14  
[30] EP (06 124 193.1) 2006-11-16

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[13] C

[51] **Int.Cl. B27G 23/00 (2006.01) B27C 5/10 (2006.01)**  
[25] EN  
[54] **ADJUSTABLE GUIDEBUSHES**  
[54] **DOUILLES REGLABLES**  
[72] GRISLEY, KENNETH M., CA  
[73] LEIGH INDUSTRIES LTD., CA  
[86] (2611232)  
[87] (2611232)  
[22] 2007-11-19  
[30] US (60/860,167) 2006-11-20

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[13] C

[51] **Int.Cl. B27G 3/00 (2006.01) B27C 5/00 (2006.01) B27F 1/12 (2006.01) B27B 27/00 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR SUPPORTING CUTTING TOOLS**  
[54] **APPAREILLAGE SOUTENANT DES OUTILS DE COUPE**  
[72] GRISLEY, KENNETH M., CA  
[73] LEIGH INDUSTRIES LTD., CA  
[86] (2611233)  
[87] (2611233)  
[22] 2007-11-19  
[30] US (60/860,167) 2006-11-20

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[13] C

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[25] EN

[54] **METHOD, DATA PROCESSING DEVICE AND COMPUTER PROGRAM PRODUCT FOR CONTROLLING AND/OR MONITORING THE MANUFACTURING PROCESS AND/OR DISPENSING PROCESS OF MEDICAL DRUGS**

[54] **METHODE, DISPOSITIF DE TRAITEMENT DE DONNEES ET PRODUIT DE PROGRAMME D'ORDINATEUR POUR LA COMMANDE ET/OU LA SURVEILLANCE DE PROCEDE DE FABRICATION ET/OU PROCEDE DE DISTRIBUTION DEPRODUITS MEDICAux**

[72] BERGANTINO, STEFANO, IT  
[72] IRIONE, MARCO, IT  
[72] GAGLIARI, LUIGI, IT  
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE

[86] (2611842)  
[87] (2611842)  
[22] 2007-11-21  
[30] EP (06 425 816.3) 2006-12-01

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[54] **PROCEDE DE SUPPORT D'UN TRANSFERT INDEPENDANT DE MEDIAS AVEC FONCTION DE GESTION DE RESSOURCES DANS UN SYSTEME DE COMMUNICATIONS MOBILES**

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[72] HENDRICK, BRIAN WESLEY, US  
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[72] LANGSTONE, JEANETTE ELIZABETH, GB  
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[72] SIEBERT, TIMOTHY L., US  
[73] GENERAL ELECTRIC COMPANY, US  
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[54] **A PLURISUBSTITUTED HYDROXYAPATITE AND THE COMPOSITE THEREOF WITH A NATURAL AND/OR SYNTHETIC POLYMER, THEIR PREPARATION AND USES THEREOF**  
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[72] TAMPIERI, ANNA, IT  
[72] CELOTTI, GIANCARLO, IT  
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[54] **COMPOSITIONS ET METHODES D'ALTERATION DU CONTENU ALPHA- ET BETA-TOCOTRIENOL**  
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[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
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[54] **MACHINE ET PROCEDE D'ASSEMBLAGE DE PRODUITS PHARMACEUTIQUES ET DE PRODUITS DE TYPE PHARMACEUTIQUE**  
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[72] BENDITT, RONNIE, US  
[72] BREWERTON, NIGEL, GB  
[72] FINKELMEIER, STEVEN D., US  
[72] GLINECKE, ROBERT, US  
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[54] **SYSTEM AND METHOD FOR FINDING DESIRED RESULTS BY INCREMENTAL SEARCH USING AN AMBIGUOUS KEYPAD WITH THE INPUT CONTAINING ORTHOGRAPHIC AND TYPOGRAPHIC ERRORS**  
[54] **SYSTEME ET PROCEDE DE RECHERCHE INCREMENTALE DE RESULTATS DESIRES UTILISANT UN CLAVIER AMBIGUE DONT LES ENTREES COMPORTENT DES ERREURS ORTHOGRAPHIQUES ET TYPOGRAPHIQUES**  
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[72] VENKATARAMAN, SASHIKUMAR, IN  
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[72] GREGSON, IAN, GB

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[54] **ANTENNE RESEAU A MAILLAGE IRREGULIER ET EVENTUELLE REDONDANCE FROIDE**

[72] CAILLE, GERARD, FR

[72] VOISIN, PHILIPPE, FR

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[72] HODOREK, BRIAN C., US

[73] ZIMMER TECHNOLOGY, INC., US

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[54] **SYSTEM AND METHOD FOR STORING ITEMS AND TRACKING ITEM USAGE**

[54] **SYSTEME ET PROCEDE DE STOCKAGE D'ARTICLES ET DE SUIVI DE L'USAGE DES ARTICLES**

[72] NGUYEN, THUY T., US

[72] MASSEY, RICHARD W., US

[73] CAREFUSION 303, INC., US

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[54] **SYSTEME ET PROCEDE DE LIBERATION DE VALVULE CARDIAQUE TRANSAPICALE**

[72] DEHDASHTIAN, MARK, US

[73] EDWARDS LIFESCIENCES CORPORATION, US

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[72] POHL, BRAD P., US  
[72] DAWE, DANIEL J., US  
[72] ARMSTRONG, ORONDE J., US  
[72] LOHR, CHARLES B., US  
[72] MCDANIEL, LOREN T., US  
[72] SIMISTER, MATTHEW P., US  
[72] THOMASSY, FERNAND A., US  
[72] THOMANI, GHAYYURUL I., US  
[72] ELHARDT, PAUL M., US  
[72] STEWART, TERRY L., US  
[72] POXTON, PETER D., US  
[72] EIDSON, ELTON L., US  
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[54] **MATELAS A RESSORTS ENSACHES**

[72] STJERNA, NILS ERIC, SE  
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[54] **SYSTEME ET PROCEDE D'IMAGERIE D'EMPREINTE DIGITALE OPTIQUE EMPLOYANT UN FILM PROTECTEUR**

[72] HERNANDEZ, SERGIO, US  
[73] CAREFUSION 303, INC., US

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[73] 3M INNOVATIVE PROPERTIES COMPANY, US

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[54] **PROCEDE DE FABRICATION DE PAPIER**

[72] SOLHAGE, FREDRIK, SE  
[72] CARLEN, JOAKIM, SE  
[72] JOHANSSON, BIRGITTA, SE  
[73] AKZO NOBEL N.V., NL

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[54] **METHOD TO INCREASE GAS MASS FLOW INJECTION RATES TO GAS STORAGE CAVERNS USING LNG**  
[54] **PROCEDE PERMETTANT D'AUGMENTER LE DEBIT D'INJECTION MASSIQUE DE GAZ APPLIQUE AUX CAVITES DE STOCKAGE DE GAZ AU MOYEN DE GAZ NATUREL LIQUEFIE**

[72] LOURENCO, JOSE, CA  
[72] MILLAR, MACKENZIE, CA  
[73] 1304342 ALBERTA LTD., CA  
[73] 1304338 ALBERTA LTD., CA

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[25] EN  
[54] **SYSTEM AND METHOD FOR PROVIDING DYNAMIC DEBLOCKING FILTERING ON A MOBILE DEVICE**  
[54] **SYSTEME ET TECHNIQUE PERMETTANT D'OBTENIR UN FILTRAGE PAR DEBLOCAGE DYNAMIQUE SUR UN DISPOSITIF MOBILE**

[72] MAK-FAN, DAVID, CA  
[72] SMALL, AARON, CA  
[73] BLACKBERRY LIMITED, CA

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[73] SARL INNOVEP, FR  
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[54] **COATING METHOD FOR PIPE HAVING WELD BEAD**  
[54] **PROCEDE DE REVETEMENT POUR TUBE COMPORTANT UN CORDON DE SOUDURE**  
[72] SINGH, PETER, CA  
[72] STEELE, ROBERT E., CA  
[72] WONG, DENNIS T. H., CA  
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[54] **SYSTEME ET METHODE DE REGULATION DE FLUIDES**  
[72] ESPOSITO, SANDRO, US  
[72] PAYNE, JOHN THURMAN, US  
[73] DRESSER, INC., US  
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[54] **ORGANIC SALTS AND METHOD FOR PRODUCING CHIRAL ORGANIC COMPOUNDS**  
[54] **SELS ORGANIQUES ET PROCEDE DE PRODUCTION DE COMPOSES ORGANIQUES CHIRAUX**  
[72] LIST, BENJAMIN, DE  
[72] MAYER, SONJA, DE  
[72] MARTIN, NOLWENN, DE  
[72] WANG, XINGWANG, DE  
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[54] **REGULATING STEM CELLS**  
[54] **CELLULES SOUCHES REGULATRICES**  
[72] PORAT, YAEL, IL  
[72] FULGA, VALENTIN, IL  
[72] POROZOV, SVETLANA, IL  
[72] BELLELI, ADINA, IL  
[73] KWALATA TRADING LIMITED, CY  
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[54] **PROCESS AND APPARATUS FOR PREPARING A BEVERAGE UNDER CONTROLLED PRESSURE**  
[54] **PROCEDE ET DISPOSITIF POUR PREPARER UNE BOISSON SOUS PRESSION CONTROLEE**  
[72] DOGLIONI MAJER, LUCA, IT  
[73] TUTTOESPRESSO S.R.L., IT  
[85] 2008-09-19  
[86] 2007-03-28 (PCT/IB2007/000806)  
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[54] **COTENDERED NONWOVEN/PULP COMPOSITE FABRIC AND METHOD FOR MAKING THE SAME**  
[54] **VOILE COMPOSITE NON-TISSE/PATE CO-ATTENDRI ET PROCEDE DE PRODUCTION**  
[72] KAUSCHKE, MICHAEL, DE  
[72] TURI, MORDECHAI, US  
[73] FIRST QUALITY NONWOVENS, INC., US  
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[54] **AGENT DE REMPLISSAGE DE VIDES OSSEUX INJECTABLE**  
[72] BARRY, JOHN J., AT  
[72] GOESSL, ANDREAS, AT  
[72] GULLE, HEINZ, AT  
[72] MANGOLD, MONIKA, AT  
[72] BILBAN, MELITTA, AT  
[73] BAXTER INTERNATIONAL INC., US  
[73] BAXTER HEALTHCARE S.A., CH  
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[54] **MAGNETIC RESONANCE CONTRAST MEDIUM USING POLYETHYLENE GLYCOL AND MAGNETIC RESONANCE IMAGE PICK-UP METHOD**  
[54] **AGENT DE CONTRASTE POUR RESONANCE MAGNETIQUE CONTENANT DU POLYETHYLENE-GLYCOL ET PROCEDE DE D'ACQUISITION D'IMAGES PAR RESONANCE MAGNETIQUE**  
[72] SUZUKI, YOSHIKAZU, JP  
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[72] IIDA, MITSURU, JP  
[73] OTSUKA PHARMACEUTICAL CO., LTD., JP  
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[54] **SYSTEME AMELIORE DE RETENTION D'EXTREMITE DE LAMELLE D'OBTURATEUR**  
[72] MILLER, JAMES V., US  
[73] QUALITAS MANUFACTURING, INC., US  
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[72] TULLOCH, RORY MCCRAE, GB  
[72] ALLAN, VICTOR LAING, GB  
[73] SONDEX LIMITED, GB  
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[54] **FLIBANSERIN FOR THE TREATMENT OF URINARY INCONTINENCE AND RELATED DISEASES**  
[54] **FLIBANSERINE DANS LE TRAITEMENT DE L'INCONTINENCE URINAIRE ET DES MALADIES ASSOCIEES**  
[72] CASTRO, RAMIRO, ES  
[72] CECI, ANGELO, DE  
[73] SPROUT PHARMACEUTICALS, INC., US  
[85] 2008-12-09  
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[54] **METHOD FOR DELEGATING PRIVILEGES TO A LOWER-LEVEL PRIVILEGE INSTANCE BY A HIGHER-LEVEL PRIVILEGE INSTANCE**  
[54] **PROCEDE DE DELEGATION DE PRIVILEGES A UNE INSTANCE PRIVILEGIEE INFERIEURE PAR UNE INSTANCE PRIVILEGIEE SUPERIEURE**  
[72] WILHELM, UWE, DE  
[72] JORDAN, KATRIN, DE  
[72] SCHROEDER, STEFAN, DE  
[72] HILLEBRAND, RAINER, DE  
[73] T-MOBILE INTERNATIONAL AG, DE  
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[54] **ENSEMBLE INFUSION POUR MACHINE DE PREPARATION DE BOISSON**  
[72] CHENG, ROCKY, CN  
[73] PERFECT STEAM APPLIANCES LTD., CN  
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[54] **REFORMING SULFUR-CONTAINING HYDROCARBONS USING A SULFUR RESISTANT CATALYST**  
[54] **REFORMAGE D'HYDROCARBURES SOUFRES UTILISANT UN CATALYSEUR RESISTANT AU SOUFRE**  
[72] GIROUX, THOMAS, US  
[72] WATERMAN, EARL, US  
[72] FARRAUTO, ROBERT JOSEPH, US  
[73] BASF CATALYSTS LLC, US  
[85] 2009-01-09  
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[54] **A PROCESS FOR THE MANUFACTURE OF SYNTHESIS GAS BY PARTIAL OXIDATION OF A LIQUID HYDROCARBON-CONTAINING FUEL USING A MULTI-ORIFICE BURNER**

[54] **PROCEDE DE FABRICATION D'UN GAZ DE SYNTHESE PAR OXIDATION PARTIELLE D'UN COMBUSTIBLE CONTENANT UN HYDROCARBURE LIQUIDE UTILISANT UN BRULEUR A PLUSIEURS ORIFICES**

[72] DE JONG, JOHANNES CORNELIS, NL

[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL

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[54] **ARCH-BASED PLAY SYSTEM**

[54] **SYSTEME DE JEU BASE SUR UNE ARCHE**

[72] KING, STEVEN, US

[72] KELLER, TOM, US

[73] LANDSCAPE STRUCTURES, INC., US

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[54] **IMAGE DYNAMIC RANGE CONTROL FOR VISUAL DISPLAY**

[54] **COMMANDE A PLAGES DYNAMIQUE D'IMAGES POUR UN AFFICHAGE**

[72] ZURO, GREGORY, US

[73] MAX-VIZ, INC., US

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[54] **CALCIUM ALUMINOSILICATE PHARMACEUTICAL**

[54] **AGENT PHARMACEUTIQUE A BASE D'ALUMINOSILICATE DE CALCIUM**

[72] CARPENTER, ROBERT HUNT, US

[72] HAHN, KEVIN AUGUST, US

[72] KING, GLEN KENNETH, US

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[54] **HEPATITIS C VIRUS INHIBITORS**

[54] **INHIBITEURS DU VIRUS DE L'HEPATITE C**

[72] BELEMA, MAKONEN, US

[72] GOOD, ANDREW C., US

[72] GOODRICH, JASON, US

[72] JAMES, CLINT A., US

[72] LAVOIE, RICO, US

[72] LOPEZ, OMAR D., US

[72] MEANWELL, NICHOLAS A., US

[72] NGUYEN, VAN N., US

[72] ROMINE, JEFFREY LEE, US

[72] SNYDER, LAWRENCE B., US

[72] ST. LAURENT, DENIS R., US

[72] YANG, FUKANG, US

[72] LANGLEY, DAVID R., US

[72] WANG, GAN, US

[72] HAMANN, LAWRENCE G., US

[72] BACHAND, CAROL, CA

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[72] MARTEL, ALAIN, CA

[72] RUEDIGER, EDWARD H., CA

[73] BRISTOL-MYERS SQUIBB COMPANY, US

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[54] **MOUNTING CONSTRUCTION OF THE DRIVING AGGREGATES IN MACHINES WITH A MOTOR DRIVING**  
[54] **INSTALLATION DES ENSEMBLES DE COMMANDE DANS DES MACHINES AYANT UN MOTEUR D'ENTRAINEMENT**  
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[72] TAL, MICHAEL, US  
[72] MARANO, JOHN P., US  
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[72] LABAK, CHRIS, US  
[73] VASCULAR INSIGHTS LLC, US  
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[54] **PROCEDE ET APPAREIL SERVANT A PRODUIRE UN PRODUIT DE CONFISERIE A PARTIR DE MULTIPLES COMPOSANTS**  
[72] ABYLOV, MELIS, DE  
[72] HECHT, GERHARD, DE  
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[72] SIMBUERGER, STEPHAN, DE  
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[54] **VERRE D'OXYDE CONTENANT DU TITANE ET SON PROCEDE DE PRODUCTION**  
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[72] ARAI, YASUTOMO, JP  
[72] MASUNO, ATSUNOBU, JP  
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[54] **PLAQUE DE RUISSELLEMENT ET PROCEDE ASSOCIE**  
[72] BELTZ, ROBERT E., US  
[72] KINNEY, OHLER L., JR., US  
[72] PULLEN, KATHRYN, US  
[72] STRATMAN, JASON, US  
[72] BRENNEKE, GLENN S., US  
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[54] **EASILY OPENABLE FASTENER TAPE, PACKAGING BAG WITH EASILY OPENABLE FASTENER TAPE, AND METHOD OF MANUFACTURING EASILY OPENABLE FASTENER TAPE**  
[54] **RUBAN DE FIXATION FACILE A OUVRIR, SAC D'EMBALLAGE AVEC RUBAN DE FIXATION FACILE A OUVRIR ET PROCEDE DE FABRICATION D'UN RUBAN DE FIXATION FACILE A OUVRIR**  
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[54] **APPARATUS AND METHOD FOR INCREASING ENERGY CAPTURE IN A WIND TURBINE**  
[54] **DISPOSITIF ET METHODE AUGMENTANT LA CAPTURE D'ENERGIE D'UNE EOLIENNE**  
[72] WITTEKIND, LOTHAR, DE  
[72] VIRIPULLAN, RENJITH, IN  
[72] STAEDLER, MARTIN, DE  
[73] GENERAL ELECTRIC COMPANY, US  
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[54] **DISPOSITIF ET PROCEDE ENDOSCOPIQUES DE PLICATION**  
[72] CREWS, SAM, US  
[72] SWODE, BRETT, US  
[72] COLE, DAVE, US  
[72] SMITH, ANDREW, US  
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[54] **COMPOSES ARYLSULFONAMIDE**  
[72] BAELL, JONATHAN BAYLDON, AU  
[72] LESSENE, GUILLAUME LAURENT, AU  
[72] SLEEBBS, BRAD EDMUND, AU  
[72] FAIRBROTHER, WAYNE J., US  
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[54] **AGENCEMENT DE LENTILLES, DISPOSITIF OPTIQUE, ET PROCEDE D'AJUSTEMENT D'AXE OPTIQUE POUR DISPOSITIF OPTIQUE**  
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[54] **UTILISATION DE COMPOSES DE GLYCEROL TRISUBSTITUE POUR LE TRAITEMENT DE LESIONS RADIQUES**  
[72] RICHTER, WOLFGANG, DE  
[72] WEBER, LUTZ, DE  
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[54] **BICYCLIC HETEROCYCLES, DRUGS CONTAINING SAID COMPOUNDS, THE USE THEREOF AND METHODS FOR PREPARING SAME**  
[54] **HETEROCYCLES BICYCLIQUES, AGENTS PHARMACEUTIQUES CONTENANT CES COMPOSES ET LEUR UTILISATION**  
[72] HIMMELSBACH, FRANK, DE  
[72] JUNG, BIRGIT, DE  
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[54] **NOVEL 1,4-BENZOTHIPIPIN-1,1-DIOXIDE DERIVATIVES WHICH ARE SUBSTITUTED WITH BENZYL GROUPS, METHOD FOR PRODUCING DRUGS CONTAINING SAID COMPOUNDS AND USE THEREOF**  
[54] **NOUVEAUX DERIVES DE 1,4-BENZOTHIPIPINE-1,1-DIOXYDE SUBSTITUES PAR DES RESTES BENZYLE, PROCEDE DE PRODUCTION APPROPRIE, MEDICAMENTS CONTENANT LESDITS COMPOSES ET LEUR UTILISATION**  
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[54] **METHODE POUR OPTIMISER LE FONCTIONNEMENT D'UNE UNITE DE SYNTHESE D'HYDROCARBURES A PARTIR DE GAZ DE SYNTHESE**  
[72] MARION, MARIE-CLAIRE, FR  
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[72] VAN DER VEN, LEENDERT GERARD JAN, NL  
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[54] **PROCEDE DE FORAGE DE ROCHE ET MACHINE DE FORAGE DE ROCHE**  
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[73] ATLAS COPCO ROCK DRILLS AB, SE  
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[72] FELDERMANN, ACHIM, DE  
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[72] GRASSI, MICHELE, IT  
[73] 40SOUTH ENERGY LIMITED, GB  
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[54] **SALTS OF 3-(3-AMINO-2-(R)-HYDROXY-PROPYL)-1-(4-FLUORO-PHENYL)-8-(8-METHYL-NAPHTHALEN-1-YLMETHYL)-1,3,8-TRIAZA-SPIRO[4.5]DECAN-4-ONE**  
[54] **SELS DE 3-(3-AMINO-2-(R)-HYDROXY-PROPYL)-1-(4-FLUORO-PHENYL)-8-(8-METHYL-NAPHTALEN-1-YLMETHYL)-1,3,8-TRIAZA-SPIRO[4,5]DECAN-4-ONE**  
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[72] ROESSLER, ARMIN, DE  
[72] FAESSLER, ROGER, CH  
[72] VILLANI, FRANK J., US  
[72] HEGYI, JEAN FRANCOIS ALEXANDRE LUCAS, BE  
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[54] **MELANGE ET DISTRIBUTION DE MATERIAUX MULTICOMPOSANTS DURCISSABLES**  
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[72] SCHULZ, MARK F., US  
[72] GULLICKS, SCOTT D., US  
[72] KEICHER, DENNIS R., US  
[72] BROYLES, BRUCE R., US  
[72] SIMMERS, RYAN PATRICK, US  
[72] QIBLAWI, JAMEEL R., US  
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[54] **PROTHESE ENDOVASCULAIRE A CHARGEMENT ET DEPLOIEMENT AMELIORES**  
[72] CALDARISE, SALVATORE G., US  
[72] MAJERCAK, DAVID C., US  
[73] CORDIS CORPORATION, US  
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[54] **PROCESS AND SYSTEM FOR THE ABATEMENT OF IMPURITIES FROM A GAS STREAM**  
[54] **METHODE ET DISPOSITIF DE REDUCTION DES QUANTITES D'IMPURETES PRESENTES DANS UN FLUX GAZEUX**  
[72] NIELSEN, POUL ERIK HOEJLUND, DK  
[72] CENNI, ROBERTA, DK  
[73] HALDOR TOPSOE A/S, DK  
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[54] **PROCEDE D'ADSORPTION AVEC VARIATION DE PRESSION ET SYSTEME POUR SEPARER LES COMPOSANTS DE GAZ**  
[72] REINHOLD, HERBERT E., III, US  
[73] IACX ENERGY LLC, US  
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[54] **DECOUPLAGE DE BOBINE POUR UN RESEAU DE BOBINES DE RADIOFREQUENCES**  
[72] ZHU, HAOQIN, CA  
[73] IMRIS INC., CA  
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[54] **VALVE ASSEMBLY FOR PAINTBALL GUNS AND THE LIKE, AND IMPROVED GUNS INCORPORATING THE ASSEMBLY**  
[54] **PISTON POUR PISTOLETS DE JEU DE GUERRE AUX BALLES DE PEINTURE ET JOUETS SEMBLABLES, ET PISTOLETS AMELIORES COMPRENANT LEDIT PISTON**  
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[72] VAN GYSEGHEM, ELKE, BE  
[72] VAN DEN MOOTER, GUY RENE JAAK, BE  
[72] VAN REMOORTERE, PETER JOZEF MARIA, BE  
[73] TIBOTEC PHARMACEUTICALS LTD., IE  
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[54] **ASSEMBLAGES D'INSERTION DE PROTHESE POUR DISQUE INTERVERTEBRAL**  
[72] JODAITIS, ALEXANDRE, BE  
[72] DINVILLE, HERVE, FR  
[72] MERCIER, ALEXIS, FR  
[73] LDR MEDICAL, FR  
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[54] **COMPOSITION D'HUILE ET DE GRAISSE POUR AMELIORER LA TEXTURE**  
[72] KAMEGAI, TAKESHI, JP  
[72] IKUINA, JUNICHI, JP  
[73] THE NISSHIN OILIO GROUP, LTD., JP  
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[54] **FABRIC TREATMENT COMPOSITIONS, THEIR MANUFACTURE AND USE**  
[54] **COMPOSITIONS DE TRAITEMENT DE TISSU, PROCEDE DE FABRICATION ET UTILISATION**  
[72] YOUNG, IAIN SUNIL, GB  
[72] ZHU, SHIPING, GB  
[73] UNILEVER PLC, GB  
[85] 2009-08-17  
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[54] **A FLAME RETARDANT, IMPACT RESISTANT THERMOPLASTIC MOLDING COMPOSITION**  
[54] **COMPOSITION DE MOULAGE THERMOPLASTIQUE RESISTANT AUX IMPACTS ET IGNIFUGEE**  
[72] LI, XIANGYANG, US  
[72] MASON, JAMES P., US  
[73] BAYER MATERIALSCIENCE LLC, US  
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[54] **INDOLE AND INDOLINE CYCLOPROPYL AMIDE DERIVATIVES AS EP4 RECEPTOR ANTAGONISTS**  
[54] **DERIVES D'INDOLE ET INDOLINE CYCLOPROPYL AMIDE COMME ANTAGONISTES DU RECEPTEUR EP4**  
[72] BOYD, MICHAEL, CA  
[72] COLUCCI, JOHN, CA  
[72] HAN, YONGXIN, CA  
[73] MERCK CANADA INC., CA  
[85] 2009-08-24  
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[54] **MELANGES DE COPOLYMERES ANIONIQUES APPROPRIES POUR L'ENCOLLAGE DE SURFACE ET PROCEDES DE FABRICATION DE CEUX-CI**  
[72] HAGIOPOL, CORNEL, US  
[72] JOHNSTON, JAMES W., US  
[72] TYLER, SEAN M., US  
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[73] GEORGIA-PACIFIC CHEMICALS LLC, US  
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[54] **AZEOTROPIC AND AZEOTROPE-LIKE COMPOSITIONS OF Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE**  
[54] **COMPOSITIONS AZEOTROPIQUES ET DE TYPE AZEOTROPIQUE A BASE DE Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE**  
[72] ROBIN, MARK L., US  
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2009-09-04  
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[54] **CARACTERISATION DE VIDEO**  
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[54] **SYSTEM AND METHOD FOR OILFIELD PRODUCTION OPERATIONS**  
[54] **SYSTEME ET PROCEDE POUR OPERATIONS DE PRODUCTION DE CHAMP PETROLIFERE**  
[72] HALABE, VIJAYA, GB  
[72] TORRENS, RICHARD, CA  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2009-09-10  
[86] 2008-04-18 (PCT/US2008/060907)  
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[54] **QUINOLINE COMPOUNDS SUITABLE FOR TREATING DISORDERS THAT RESPOND TO MODULATION OF THE SEROTONIN 5-HT<sub>6</sub> RECEPTOR**  
[54] **COMPOSES QUINOLEINES APPROPRIES POUR LE TRAITEMENT DE TROUBLES QUI REPENDENT A UNE MODULATION DU RECEPTEUR 5-HT<SB>6 </SB>DE LA SEROTONINE**  
[72] TURNER, SEAN COLM, DE  
[72] HAUPT, ANDREAS, DE  
[72] BRAJE, WILFRIED, DE  
[72] LANGE, UDO, DE  
[72] DRESCHER, KARLA, DE  
[72] WICKE, KARSTEN, DE  
[72] UNGER, LILIANE, DE  
[72] MEZLER, MARIO, DE  
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[54] **TRANSDERMAL PATCH AND METHOD FOR DELIVERY OF VITAMIN B12**  
[54] **TIMBRE TRANSDERMIQUE ET METHODE FOR D'ADMINISTRATION DE VITAMINE B12**  
[72] ZELTMAN, JON D., US  
[73] VITA SCIENCES, LLC, US  
[85] 2009-09-18  
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[54] **SECHOIR-ECLAIR VIBRATOIRE**  
[72] BAKER, STEPHEN T., US  
[72] HUBBS, DAVID, US  
[73] CARRIER VIBRATING EQUIPMENT, INC., US  
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[25] EN  
[54] **METHOD FOR CELLULAR TISSUE MULTIPLICATION FROM JATROPHA CURCAS**  
[54] **PROCEDE DE MULTIPLICATION DU TISSU CELLULAIRE A L'AIDE DE JATROPHA CURCAS**  
[72] ATEHORTUA GARCES, LUCIA, CO  
[72] CORREA CORDOBA, SANDRA MARCELA, CO  
[73] UNIVERSIDAD DE ANTIQUIA, CO  
[73] EMPRESAS PUBLICAS DE MEDELLIN E.S.P., CO  
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[54] **SUSPENSION SYSTEM FOR A VEHICLE**  
[54] **SYSTEME DE SUSPENSION POUR UN VEHICULE**  
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[72] ZMYSLOWSKI, MARK S., US  
[73] RADAR INDUSTRIES INC., US  
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[54] **A BIPOLAR PLATE FOR A FUEL CELL COMPRISING A BY-PASSED SERPENTINE FLOW PATH FOR OXIDANT GAS; A COOLING PLATE FOR A FUEL CELL COMPRISING A BY-PASSED SERPENTINE FLOW PATH FOR COOLANT FLUID; FUEL CELL COMPRISING SUCH PLATES AND USES THEREOF**  
[54] **PLAQUE BIPOLAIRE POUR PILE A COMBUSTIBLE COMPRENANT UN TRAJET D'ECOULEMENT EN SERPENTIN COURT-CIRCUITE POUR UN GAZ OXYDANT ; PLAQUE DE REFROIDISSEMENT POUR PILE A COMBUSTIBLE COMPRENANT UN TRAJET D'ECOULEMENT EN SERPENTIN COURT-CIRCUITE POUR UN FLUIDE REFROIDISSANT ; PILE A COMBUSTIBLE COMPRENANT**  
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[72] BANG, MAD, DK  
[73] SERENERGY A/S, DK  
[85] 2010-01-15  
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[25] EN  
[54] **A CELL THERAPY METHOD FOR THE TREATMENT OF TUMORS**  
[54] **METHODE THERAPEUTIQUE CELLULAIRE UTILISEE DANS LE TRAITEMENT DES TUMEURS**  
[72] DEGRAW, JULI, US  
[72] MORIARTY, ANN, US  
[72] LETURCQ, DIDIER J., US  
[72] JACKSON, MICHAEL R., US  
[72] PETERSON, PER A., US  
[72] HEISKALA, MARJA, US  
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[54] **BIOPOLYMER OPTICAL WAVEGUIDE AND METHOD OF MANUFACTURING THE SAME**  
[54] **GUIDE D'ONDE OPTIQUE DE BIOPOLYMER ET PROCEDE DE FABRICATION DE CELUI-CI**  
[72] KAPLAN, DAVID, US  
[72] OMENETTO, FIORENZO, US  
[72] LAWRENCE, BRIAN, US  
[72] CRONIN-GOLUMB, MARK, US  
[73] TRUSTEES OF TRUFTS COLLEGE, US  
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[54] **PILE ELECTROCHIMIQUE TUBULAIRE**  
[72] DU, YANHAI, US  
[72] FINNERTY, CAINE, US  
[73] NANO CP, LLC, US  
[85] 2010-05-06  
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[54] **ALARM SYSTEM FOR A LOADING DOCK**  
[54] **SYSTEME D'ALARME POUR QUAI DE CHARGEMENT**  
[72] MALY, PAUL, US  
[72] MUHL, TIM, US  
[72] NELSON, KYLE E., US  
[72] SWESSEL, MARK R., US  
[73] RITE-HITE HOLDING CORPORATION, US  
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[54] **DIGESTER SCREEN FOR A CONTINUOUS CELLULOSE PULP DIGESTER**  
[54] **TAMIS DE LESSIVEUR POUR UN LESSIVEUR DE PATE DE CELLULOSE CONTINU**  
[72] SAETHERASEN, JONAS, SE  
[73] VALMET AKTIEBOLAG, SE  
[85] 2010-05-12  
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[54] **COATED ARTICLE WITH NANOLAYERED COATING SCHEME**  
[54] **ARTICLE REVETU A ARCHITECTURE DE REVETEMENT A NANOCOUCHE**  
[72] XU, FENGTING, US  
[72] NI, WANGYANG, US  
[72] LIU, YIXIONG, US  
[72] PENICH, RONALD M., US  
[72] DERFLINGER, VOLKER-HERMANN, AT  
[72] QUINTO, DENNIS T., US  
[72] BAUER, CHARLES E., US  
[72] DING, QIAN, US  
[73] KENNAMETAL INC., US  
[73] OERLIKON TRADING LTD., TRUEBBACH, CH  
[85] 2010-05-21  
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[54] **LAUNDRY TREATING DEVICE AND METHOD OF CONTROLLING THE SAME**  
[54] **DISPOSITIF DE TRAITEMENT DU LINGE SALE ET PROCEDE DE COMMANDE ASSOCIE**  
[72] LEE, DONG SOO, KR  
[72] WOO, KI CHUL, KR  
[72] KIM, NA EUN, KR  
[72] KIM, DONG WON, KR  
[72] KIM, SUNG MIN, KR  
[72] KIM, SUNG RYONG, KR  
[73] LG ELECTRONICS INC., KR  
[85] 2010-06-30  
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[54] **EXERCISE APPARATUS**  
[54] **APPAREIL DE GYMNASTIQUE**  
[72] ROBINSON, BRIAN K., CA  
[73] 9185-7714 QUEBEC INC., CA  
[85] 2010-07-30  
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[25] EN  
[54] **DEVICE FOR PACKAGING PRODUCTS**  
[54] **DISPOSITIF POUR EMBALLER DES PRODUITS**  
[72] DE VOS, ADRIANUS, NL  
[73] VISSER 'S-GRAVENDEEL HOLDING B.V., NL  
[85] 2010-08-04  
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[25] EN  
[54] **METHOD AND APPARATUS FOR SURFACE ENHANCED RAMAN SPECTROSCOPY**  
[54] **PROCEDE ET APPAREIL POUR LA SPECTROSCOPIE RAMAN AMELIOREE EN SURFACE**  
[72] SARDASHTI, MAZIAR, US  
[72] BARRIGA, RAUL J., US  
[72] BLUMER, DAVID J., US  
[73] CONOCOPHILLIPS COMPANY, US  
[85] 2010-08-20  
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[54] **OPHTHALMIC SURGICAL CASSETTE AND SYSTEM**  
[54] **CASSETTE CHIRURGICALE OPHTHALMIQUE ET SYSTEME**  
[72] WALTER, JONATHAN T., US  
[72] ASKEW, MIKE, US  
[73] BAUSCH & LOMB INCORPORATED, US  
[86] (2718932)  
[87] (2718932)  
[22] 2007-06-06  
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[54] **DEBRIS BARRIER FOR DOWNHOLE TOOLS**  
[54] **BARRIERE DE RETENUE DE DEBRIS POUR OUTILS DE TROUS DE FORAGE**  
[72] SMITH, STEVEN B., US  
[72] FULLER, MARK S., US  
[73] WEATHERFORD/LAMB, INC., US  
[86] (2720443)  
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[22] 2010-11-09  
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[25] EN  
[54] **MAGNETIC HINGE ELECTRONIC MOBILE DEVICE**  
[54] **DISPOSITIF ELECTRONIQUE MOBILE A CHARNIERE MAGNETIQUE**  
[72] GRIFFIN, JASON TYLER, CA  
[72] ALLWRIGHT, JULIA, GB  
[72] RIDDIFORD, MARTIN, GB  
[72] REEVES, JAMES, GB  
[73] BLACKBERRY LIMITED, CA  
[86] (2721889)  
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[72] MORRISON, EDWARD BEVERLY, CA  
[73] GEOTECH AIRBORNE LIMITED, BB  
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[72] LEHNERT, THOMAS, DE  
[72] BUHR, KARSTEN, DE  
[72] BARIMANI, CYRUS, DE  
[72] HAEHN, GUENTER, DE  
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[54] **ENTRAINEMENT A CREMAILLIERE POUR CARTOUCHE A DERIVATION**  
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[72] MAGERS, MICHAEL, US  
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[54] **FORMULATION AMELIOREE DE FONGICIDE POUR GAZON AVEC PIGMENT**  
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[72] RUO, TOMOKI, CA  
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[54] **PROCEDE DE CONDITIONNEMENT DE SEMI-CONDUCTEURS AU NIVEAU D'UNE PLAQUETTE**  
[72] DAVIS, WILLIAM J., US  
[72] FILLMORE, WARD G., US  
[72] MACDONALD, SCOTT, US  
[73] RAYTHEON COMPANY, US  
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[54] **INHIBITEURS DE TYROSINE KINASE DE BRUTON POUR LE TRAITEMENT DE TUMEURS SOLIDES**  
[72] HONIGBERG, LEE, US  
[72] VERNER, ERIK, US  
[72] BUGGY, JOSEPH, US  
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[54] **SYSTEME ET PROCEDE POUR TRAITER DES INSTRUCTIONS DE COMMANDE DE PUISSANCE DANS UN SYSTEME DE COMMUNICATION SANS FIL**  
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[72] SAMBHWANI, SHARAD DEEPAK, US  
[73] QUALCOMM INCORPORATED, US  
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[54] **RACCORD A RAINURE DE COUPLISSEMENT A PLUSIEURS JOINTS D'ETANCHEITE**  
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[72] COMPTON, DOUGLAS C., US  
[73] MUELLER INTERNATIONAL, LLC, US  
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[54] **PROCEDE ET SYSTEME D'AMELIORATION ACCELEREE DE LA QUALITE DES DONNEES**  
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[72] PURI, COLIN ANIL, US  
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE  
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[54] **RECEPTEUR DE RADIODIFFUSION NUMERIQUE ET METHODE DE TRAITEMENT DE SOUS-TITRES CONNEXES**  
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[54] **RAPALOGS, PHARMACEUTICAL COMPOSITIONS, PREPARATION METHODS AND USES THEREOF**  
[54] **PRODUIT SIMILAIRE A L'ESTER DE CARBONATE DE SIROLIMUS, SON SEL ET SON COMPOSE MEDICINAL PHARMACEUTIQUEMENT ACCEPTABLES, SON PROCEDE DE PREPARATION ET SON UTILISATION**  
[72] NAN, FAJUN, CN  
[72] DING, JIAN, CN  
[72] ZUO, JIANPING, CN  
[72] YU, LINQIAN, CN  
[72] MENG, LINGHUA, CN  
[72] ZHANG, YANGMING, CN  
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[72] GEBERT, RICHARD E., US  
[72] SHEALY, GLENN S., US  
[72] SHERMAN, TIM W., US  
[72] STARK, STEVE K., US  
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[54] **METHODS AND COMPOSITIONS FOR TREATING DERMATOLOGICAL DISEASES AND CONDITIONS**  
[54] **PROCEDES ET COMPOSITIONS UTILISES POUR TRAITER LES MALADIES ET LES AFFECTIONS DERMATOLOGIQUES**  
[72] FULLER, BRYAN B., US  
[73] THERAMETICS, LLC, US  
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[54] **PROLONGED RELEASE FORMULATIONS COMPRISING AN 2-OXO-1-PYRROLIDINE DERIVATE**  
[54] **FORMULES A LIBERATION PROLONGEE COMPRENANT UN DERIVE DE 2-OXO-1-PYRROLIDINE**  
[72] FANARA, DOMENICO, BE  
[72] EECKMAN, FREDERIC, BE  
[72] BERWAER, MONIQUE, BE  
[73] UCB PHARMA S.A., BE  
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[54] **FORMULES A LIBERATION PROLONGEE COMPRENANT UN DERIVE DE 2-OXO-1-PYRROLIDINE**  
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[72] EECKMAN, FREDERIC, BE  
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[72] VENKATESWARAN, KRISHNAKUMAR, US  
[73] ALCON, INC., CH  
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[54] **COMMUTATION ENTRE MODES DE SELECTION DE RESEAU SANS FIL EN CONJONCTION AVEC LA SELECTION D'UN ENSEMBLE DE CELLULES SANS FIL**  
[72] SUBRAMANIAN, RAMACHANDRAN, US  
[72] HORN, GAVIN B., US  
[72] SONG, OSOK, US  
[72] DESHPANDE, MANOJ M., US  
[72] SINGH, DAMANJIT, US  
[72] TENNY, NATHAN E., US  
[73] QUALCOMM INCORPORATED, US  
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[72] GHANNOUM, ZIAD R., US  
[72] SUSSMAN, GLENN ROBERT, US  
[73] ALCON RESEARCH, LTD., US  
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[54] **SYSTEMES EPOXYDIQUES AMELIORES POUR COMPOSITES**  
[72] CORLEY, LARRY STEVEN, US  
[72] FARRIS, ROBERT DALE, US  
[72] ASH, CARLTON E., US  
[73] MOMENTIVE SPECIALTY CHEMICALS INC., US  
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[54] **POWER CONVERTER**  
[54] **CONVERTISSEUR DE COURANT**  
[72] KITANAKA, HIDETOSHI, JP  
[73] MITSUBISHI ELECTRIC CORPORATION, JP  
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[54] **SYSTEME ET PROCEDE POUR UN MULTIPLEXAGE MULTI-UTILISATEUR**  
[72] YU, YI, US  
[72] WOMACK, JAMES EARL, US  
[72] CAI, ZHIJUN, US  
[73] BLACKBERRY LIMITED, CA  
[85] 2011-06-16  
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[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING 2-OXO-1-PYRROLIDINE DERIVATIVES**

[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DES DERIVES DE 2-OXO-1-PYRROLIDINE**

[72] CUYPERS, SERGE, BE

[72] BERWAER, MONIQUE, BE

[72] FANARA, DOMENICO, BE

[72] BARILLARO, VALERY, BE

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[54] **WINDOW SHADE AND METHOD OF USE THEREOF**

[54] **STORE ET PROCEDE D'UTILISATION ASSOCIE**

[72] PERKOWITZ, DAVID, US

[73] HORIZONS HOLDINGS, LLC, US

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[54] **PANNEAU DE FACADE EN MACONNERIE POUR RETENIR DES BRIQUES**

[72] BOUCHARD, MICHEL, CA

[72] PENTERMAN, JOHN, CA

[73] OLDCASTLE BUILDING PRODUCTS CANADA INC., CA

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[54] **OLIGOMERISATION DE COMPOSES OLEFINIQUES EN PRESENCE D'UN CATALYSEUR D'OLIGOMERISATION ACTIVE**

[72] EWART, SEAN WILLIAM, US

[72] KOLTHAMMER, BRIAN WILLIAM STIRLING, US

[72] SMITH, DAVID MATTHEW, GB

[72] HANTON, MARTIN JOHN, GB

[72] DIXON, JOHN THOMAS, ZA

[72] MORGAN, DAVID HEDLEY, ZA

[72] DE BOD, HENRIETTE, ZA

[72] GABRIELLI, WILLIAM FULLARD, GB

[72] EVANS, STEPHEN JOHN, ZA

[73] SASOL TECHNOLOGY (PTY) LIMITED, ZA

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[54] **MECANISME DE VERROUILLAGE POUR DISPOSITIF ELECTRONIQUE PORTATIF**

[72] CHEN, CHAO, CA

[73] BLACKBERRY LIMITED, CA

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[54] **FILMS ORGANIQUES STRUCTURES A FONCTIONNALITE AJOUTEE**

[72] COTE, ADRIEN PIERRE, CA

[72] HEUFT, MATTHEW A., CA

[73] XEROX CORPORATION, US

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[54] **UTILISATION D'UN PEPTIDE CONFÉRANT UN MEILLEUR GOUT**  
[72] FUTAKI, FUMIE, JP  
[72] YASUDA, REIKO, JP  
[72] SATO, SEIICHI, JP  
[72] MIYAKI, TAKASHI, JP  
[72] MIYAMURA, NAOHIRO, JP  
[72] ETO, YUZURU, JP  
[73] AJINOMOTO CO., INC., JP  
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[86] 2010-03-31 (PCT/JP2010/055856)  
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[30] JP (2009-291151) 2009-12-22

[11] **2,758,152**  
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[54] **A STRIP-SHAPED DETECTOR DETECTING AN ANALYTE IN A LIQUID SAMPLE AND DETECTION METHOD**  
[54] **DETECTEUR EN FORME DE BANDELETTE DETECTANT UN ANALYTE DANS UN ECHANTILLON DE LIQUIDE ET PROCEDE DE DETECTION**  
[72] HIGUCHI, MASAYUKI, JP  
[72] NAKANO, YUUIICHI, JP  
[72] SUZUKI, NAHOKO, JP  
[72] NAKAMURA, MIKI, JP  
[72] YAMASHITA, KOUHEI, JP  
[73] HITACHI CHEMICAL COMPANY, LTD., JP  
[85] 2011-10-07  
[86] 2009-04-09 (PCT/JP2009/057269)  
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- [51] **Int.Cl. H04N 5/445 (2011.01) H04N 5/00 (2011.01)**  
[25] EN  
[54] **USER-CONTROLLED DATA/VIDEO INTEGRATION BY A VIDEO CONTROL SYSTEM**  
[54] **INTEGRATION DE VIDEO/DONNEES CONTROLEES PAR UN UTILISATEUR PAR UN SYSTEME DE COMMANDE VIDEO**  
[72] AUSTIN, JARROD C., US  
[73] ECHOSTAR TECHNOLOGIES LLC, US  
[85] 2012-01-24  
[86] 2010-07-28 (PCT/US2010/043488)  
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[25] EN  
[54] **SOLVENT-BASED INKS COMPRISING SILVER NANOPARTICLES**  
[54] **ENCRE A BASE DE SOLVANT COMPRENANT DES NANOPARTICULES D'ARGENT**  
[72] WU, YILIANG, CA  
[72] ELIYAHU, JENNY, CA  
[72] LIU, PING, CA  
[72] HU, NAN-XING, CA  
[73] XEROX CORPORATION, US  
[86] (2769840)  
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[22] 2012-02-29  
[30] US (13/042,149) 2011-03-07

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[25] EN  
[54] **ACTIVE GURNEY FLAP**  
[54] **VOLET GURNEY ACTIF**  
[72] BREWER, PAUL R., GB  
[72] SHORCOTT, STEVEN, GB  
[72] RAVAL, REG R., GB  
[73] CLAVERHAM, LTD., GB  
[86] (2772318)  
[87] (2772318)  
[22] 2012-03-21  
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[25] EN  
[54] **SMOOTH BORE DYNAMIC CENTER SEAL FOR SPRING BRAKE ACTUATOR**  
[54] **ETANCHEITE CENTRALE DYNAMIQUE A ALESAGE LISSE POUR ACTIONNEUR DE FREIN A RESSORT**  
[72] BRADFORD, AARON C., US  
[73] HALDEX BRAKE CORPORATION, US  
[86] (2772811)  
[87] (2772811)  
[22] 2012-03-29  
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[25] EN  
[54] **PROCESS FOR PREPARING A COATED PAPER**  
[54] **PROCESSUS DE PREPARATION DE PAPIER COUCHE**  
[72] PROPST, CHARLES W., JR., US  
[72] JONES, JAMES C., US  
[73] SPECTRA-KOTE CORPORATION, US  
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[54] **SYSTEM AND METHOD FOR MULTI-CARRIER NETWORK OPERATION**  
[54] **SYSTEME ET PROCEDE DE FONCTIONNEMENT D'UN RESEAU A PORTEUSES MULTIPLES**  
[72] BURBIDGE, RICHARD CHARLES, GB  
[72] CAI, ZHIJUN, US  
[72] SUZUKI, TAKASHI, JP  
[72] EARNSHAW, ANDREW MARK, CA  
[72] HEO, YOUNG HYOUNG, CA  
[72] XU, HUA, CA  
[72] LI, JUN, US  
[72] MCBEATH, SEAN, US  
[72] FONG, MO-HAN, CA  
[73] BLACKBERRY LIMITED, CA  
[85] 2012-03-23  
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[54] **PROCESS FOR PRODUCING A CONNECTING STRUCTURE BETWEEN TWO SUPERCONDUCTORS AND STRUCTURE FOR CONNECTING TWO SUPERCONDUCTORS**  
[54] **PROCEDE DE FABRICATION D'UNE STRUCTURE DE LIAISON ENTRE DEUX SUPRACONDUCTEURS ET STRUCTURE PERMETTANT DE RELIER DEUX SUPRACONDUCTEURS**  
[72] OOMEN, MARIJN PIETER, DE  
[72] RABBERS, JACOB JOHAN, DE  
[72] GOLDBACKER, WILFRIED, DE  
[72] SCHLACHTER, SONJA, DE  
[72] DRECHSLER, ANTJE, DE  
[73] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2012-03-28  
[86] 2010-09-29 (PCT/EP2010/064415)  
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[54] **WEARABLE ARTICLE WITH EXTENSIBLE FASTENING MEMBER HAVING STRESS DISTRIBUTION FEATURES AND/OR FASTENING COMBINATION PERFORMANCE CHARACTERISTICS**  
[54] **ARTICLE PORTABLE AVEC ELEMENT DE FIXATION EXTENSIBLE DOTE DE CARACTERISTIQUES DE DISTRIBUTION DE CONTRAINTE ET/OU DE CARACTERISTIQUES DE PERFORMANCE DE COMBINAISON DE FIXATION**  
[72] KLINE, MARK JAMES, US  
[72] MASON, OLIVER EDWIN CLARKE, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2012-04-16  
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[25] EN  
[54] **CLEANING APPARATUS, RADIATION SOURCE MODULE AND FLUID TREATMENT SYSTEM**  
[54] **APPAREIL DE NETTOYAGE, MODULE DE SOURCE DE RAYONNEMENT ET SYSTEME DE TRAITEMENT DE FLUIDE**  
[72] TRAUBENBERG, GEORGE, CA  
[72] ARCHER, ALLAN, CA  
[72] MOGLAN, CRISTIAN, CA  
[73] TROJAN TECHNOLOGIES, CA  
[85] 2012-04-16  
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[51] **Int.Cl. B01D 53/32 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR THE THERMAL TREATMENT OF CORROSIVE GASES**  
[54] **APPAREIL ET METHODE POUR LE TRAITEMENT THERMIQUE DE GAZ CORROSIFS**  
[72] ELLINGER, NORBERT, DE  
[72] WIESBAUER, JOSEF, AT  
[72] RING, ROBERT, DE  
[73] WACKER CHEMIE AG, DE  
[86] (2777817)  
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[54] **THICK JUICE BEVERAGES**  
[54] **BOISSONS EPAISSES A BASE DE JUS DE FRUIT**  
[72] JORDAN, RACHEL L., US  
[72] HITCHCOCK, BRYAN, US  
[72] STEPHEN, JEANETTE, US  
[72] OMUETI, LISA, US  
[72] MATHEWS, JEFFREY D., US  
[73] TROPICANA PRODUCTS, INC., US  
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[25] EN

[54] **5-HYDROXYPYRIMIDINE-4-CARBOXAMIDE DERIVATIVE**

[54] **DERIVE DE 5-HYDROXYPYRIMIDINE-4-CARBOXAMIDE**

[72] KURIBAYASHI, TAKESHI, JP

[72] KUBOTA, HIDEKI, JP

[72] TANAKA, NAOKI, JP

[72] FUKUDA, TAKESHI, JP

[72] TSUJI, TAKASHI, JP

[72] GOTO, RIKI, JP

[73] DAIICHI SANKYO COMPANY, LIMITED, JP

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[51] **Int.Cl. B22D 41/58 (2006.01) B22D 11/10 (2006.01) B22D 41/54 (2006.01)**

[25] EN

[54] **HIGH-TEMPERATURE ASSEMBLY, METHOD FOR PRODUCING HIGH-TEMPERATURE ASSEMBLY, AND HEAT-RESISTANT SEALING MATERIAL**

[54] **ENSEMBLE A HAUTE TEMPERATURE, PROCEDE DE PRODUCTION D'UN ENSEMBLE A HAUTE TEMPERATURE ET AGENT D'ETANCHEITE THERMORESISTANT**

[72] HATTANDA, HIROKATSU, JP

[72] YOTABUN, TOMOHIRO, JP

[73] TYK CORPORATION, JP

[85] 2012-05-10

[86] 2010-11-15 (PCT/JP2010/006700)

[87] (WO2011/061919)

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[13] C

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[25] FR

[54] **LOW ENERGY CONSUMPTION DETECTION SYSTEM**

[54] **SYSTEME DE DETECTION A FAIBLE CONSOMMATION D'ENERGIE**

[72] CHIESI, LAURENT, FR

[72] RAISIGEL, HYNEK, FR

[72] CHABANIS, GILLES, FR

[73] SCHNEIDER ELECTRIC INDUSTRIES SAS, FR

[86] (2781034)

[87] (2781034)

[22] 2012-06-18

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[54] **KIT FOR PRODUCING A STAIR CASE**

[54] **KIT POUR FABRIQUER UN ESCALIER**

[72] HYAMS, JONATHAN, GB

[73] HYAMS, JONATHAN, GB

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[54] **A MOTION-BASED ATTRACTION WITH IMAGE DISPLAY ASSEMBLY**

[54] **ATTRACTION A BASE DE MOUVEMENT COMPORTANT UN ENSEMBLE D'AFFICHAGE D'IMAGE**

[72] CORTELYOU, ROBERT J., US

[72] BLUM, STEVEN C., US

[72] COUP, THIERRY JEAN-ANDRE, US

[72] MCQUILLAN, BRIAN, US

[73] UNIVERSAL CITY STUDIOS LLC, US

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[51] **Int.Cl. E04D 13/072 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR HANGING OBJECTS FROM A ROOF GUTTER**

[54] **SYSTEME ET METHODE PERMETTANT D'ACCROCHER DES OBJETS SUR UNE GOUTTIERE**

[72] JONES, DENNIS J., US

[73] JONES, DENNIS J., US

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[22] 2012-07-09

[30] US (13/184,157) 2011-07-15

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[13] C

[51] **Int.Cl. F28F 21/04 (2006.01)**

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[54] **FIBRE-REINFORCED CERAMIC BODY**

[54] **CORPS ARME PAR DES FIBRES**

[72] FRANZ, MARCUS, DE

[73] SGL CARBON SE, DE

[85] 2012-06-05

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[51] **Int.Cl. B66B 7/08 (2006.01) F16G 11/00 (2006.01)**

[25] EN

[54] **BELT END CONNECTION FOR FASTENING A BELT END IN A LIFT INSTALLATION, AND METHOD FOR PROTECTING AND CHECKING A BELT END CONNECTION IN A LIFT INSTALLATION**

[54] **RACCORD POUR FIXER UNE EXTREMITE DE COURROIE DANS UNE INSTALLATION DE LEVAGE, ET METHODE POUR PROTEGER ET VERIFIER UN RACCORD D'EXTREMITE DE COURROIE DANS UNE INSTALLATION DE LEVAGE**

[72] ACH, ERNST, CH

[73] INVENTIO AG, CH

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[54] **SELF-CLEANING LITTER BOX**  
[54] **BAC A LITIERE AUTO-  
NETTOYANT**  
[72] COOK, ALAN JAY, US  
[72] GRUBE, KRISTIN WILLIAM, US  
[72] DEVLIN, THOMAS EDWARD, US  
[72] GREASON, JEFF REED, US  
[72] ULRICH, KARL THATCHER, US  
[72] ULRICH, NATHAN THATCHER, US  
[72] YAU, CHI LAM, US  
[73] RADIO SYSTEMS CORPORATION,  
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(2006.01) B60W 20/00 (2006.01) F02D  
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[25] EN  
[54] **CONTROLLER FOR HYBRID  
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[54] **DISPOSITIF DE COMMANDE  
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[72] TAMAGAWA, YUTAKA, JP  
[73] HONDA MOTOR CO., LTD., JP  
[85] 2012-06-19  
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[25] EN  
[54] **AN AIR CONDITIONER WITH A  
REMOVABLE HEATER UNIT AND  
A HEAT EXCHANGER**  
[54] **CLIMATISATION AVEC  
DISPOSITIF DE CHAUFFAGE  
AMOVIBLE ET UN ECHANGEUR  
DE CHALEUR**  
[72] SETSU, MICHIO, JP  
[72] OKA, TAKANORI, JP  
[72] UEMAE, HIROKAZU, JP  
[72] UCHIDA, KEISUKE, JP  
[73] SHARP KABUSHIKI KAISHA, JP  
[86] (2787877)  
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[22] 2009-10-09  
[62] 2,682,058  
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[30] JP (2009-040150) 2009-02-24  
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A61K 8/89 (2006.01) A61Q 11/00  
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[25] EN  
[54] **TOOTH WHITENING  
COMPOSITION**  
[54] **COMPOSITION POUR BLANCHIR  
LES DENTS**  
[72] ZAIDEL, LYNETTE, US  
[72] CHOPRA, SUMAN, US  
[72] PRENCIPE, MICHAEL, US  
[72] MANDADI, PRAKASARAO, US  
[73] COLGATE-PALMOLIVE COMPANY,  
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A61L 24/06 (2006.01)**  
[25] EN  
[54] **DEVICE FOR MIXING BONE  
CEMENT AND METHOD FOR  
MIXING BONE CEMENT AND USE  
OF THE DEVICE**  
[54] **DISPOSITIF POUR MELANGER  
DU CIMENT ORTHOPEDIQUE ET  
METHODE DE MELANGE DU  
CIMENT ORTHOPEDIQUE ET  
UTILISATION DU DISPOSITIF**  
[72] VOGT, SEBASTIEN, DE  
[72] SCHNIEBER, TIM, DE  
[73] HERAEUS MEDICAL GMBH, DE  
[86] (2794223)  
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[13] C

[51] **Int.Cl. B29C 45/42 (2006.01)**  
[25] EN  
[54] **MOLDING APPARATUS**  
[54] **APPAREIL DE MOULAGE**  
[72] LOOIJIE, ADRIAN PETER, CA  
[73] HUSKY INJECTION MOLDING  
SYSTEMS LTD., CA  
[85] 2012-10-02  
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[30] US (61/327,206) 2010-04-23

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H01L 29/167 (2006.01) H01L 31/0288  
(2006.01) H01L 31/0368 (2006.01)  
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[25] EN  
[54] **POLYCRYSTALLINE SILICON**  
[54] **SILICIUM POLYCRISTALLIN**  
[72] BAUMANN, ROBERT, DE  
[72] HOELZL, ROBERT, DE  
[72] WEICHELSELGARTNER, MICHAEL,  
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[73] WACKER CHEMIE AG, DE  
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[25] EN

[54] **METHOD FOR STRENGTHENING THE IMPLEMENTATION OF ECDSA AGAINST POWER ANALYSIS**

[54] **METHODE POUR RENFORCER LA MISE EN OEUVRE DE L'ALGORITHME ECDSA A TITRE DE PROTECTION CONTRE L'ANALYSE DE L'ALIMENTATION**

[72] LAMBERT, ROBERT J., CA  
[73] CERTICOM CORP., CA  
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[87] (2796149)  
[22] 2003-04-04  
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[13] C

[51] **Int.Cl. C30B 29/06 (2006.01) C01B 33/02 (2006.01)**

[25] EN

[54] **LOW-DOPANT POLYCRYSTALLINE SILICON CHUNK**

[54] **BLOC DE SILICIUM POLYCRISTALLIN A FAIBLE DOPAGE**

[72] WOCHNER, HANNS, DE  
[72] KILLINGER, ANDREAS, DE  
[72] PECH, REINER, DE  
[73] WACKER CHEMIE AG, DE  
[86] (2797300)  
[87] (2797300)  
[22] 2012-11-29  
[30] DE (10 2012 200 992.2) 2012-01-24

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[13] C

[51] **Int.Cl. C02F 1/467 (2006.01) A61L 2/03 (2006.01) C02F 1/461 (2006.01) C02F 1/78 (2006.01) C25B 11/03 (2006.01)**

[25] EN

[54] **MEMBRANE-ELECTRODE ASSEMBLY, ELECTROLYTIC CELL USING THE SAME, METHOD AND APPARATUS FOR PRODUCING OZONE WATER, METHOD FOR DISINFECTION AND METHOD FOR WASTEWATER OR WASTE FLUID TREATMENT**

[54] **ENSEMBLE MEMBRANE-ELECTRODE, CELLULE ELECTROLYTIQUE L'EMPLOYANT, PROCEDE ET APPAREIL POUR PRODUIRE DE L'EAU OZONISEE, PROCEDE DE DESINFECTION ET PROCEDE DE TRAITEMENT D'EAUX USEESOU DE DECHETS LIQUIDES**

[72] NITTA, HIDEO, JP  
[72] HOSONUMA, MASASHI, JP  
[73] AQUAECOS LTD., JP  
[73] PERMELEC ELECTRODE LTD., JP  
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[51] **Int.Cl. H04N 21/432 (2011.01) H04N 21/434 (2011.01) H04N 21/482 (2011.01) G11B 20/10 (2006.01) G11B 27/28 (2006.01)**

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[54] **INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD AND RECORDING MEDIUM**

[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'INFORMATIONS, ET PROGRAMME ET SUPPORT D'ENREGISTREMENT**

[72] KATO, MOTOKI, JP  
[73] SONY CORPORATION, JP  
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[22] 2003-12-05  
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[54] **THERMOPLASTIC TANK RESERVOIR**

[54] **THERMOPLASTIQUE**

[72] HEIDEMEYER, TIMM, DE  
[72] LENZ, STEFAN, DE  
[72] SCHMITZ, DIETER, DE  
[72] TREUDT, VOLKER, DE  
[73] KAUTEX TEXTRON GMBH & CO. KG, DE  
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[54] **INHIBITEURS DE NAV1.7 DE TYPE SULFONAMIDE**

[72] MARKWORTH, CHRISTOPHER JOHN, US  
[72] MARRON, BRIAN EDWARD, US  
[72] RAWSON, DAVID JAMES, GB  
[72] STORER, ROBERT IAN, GB  
[72] SWAIN, NIGEL ALAN, GB  
[72] WEST, CHRISTOPHER WILLIAM, US  
[72] ZHOU, SHULAN, US  
[73] PFIZER LIMITED, NL  
[73] ICAGEN, INC., US  
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[54] **FIBER SUPPORT ARRANGEMENT AND METHOD**  
[54] **AMENAGEMENT DE SOUTIEN DE FIBRES ET PROCEDE**  
[72] EARLES, DENISE M., US  
[72] STOESZ, CARL W., US  
[73] BAKER HUGHES INCORPORATED, US  
[85] 2013-01-03  
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[54] **VAPORIZABLE SUBSTANCE DRUG DELIVERY AND MONITORING SYSTEM**  
[54] **SYSTEME D'APPORT ET DE SURVEILLANCE DE MEDICAMENTS A BASE DE SUBSTANCES VAPORISABLES**  
[72] TODD, WILLIAM W., US  
[73] PALLIATECH INC., US  
[85] 2012-12-28  
[86] 2011-06-28 (PCT/US2011/042254)  
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[30] US (61/359,151) 2010-06-28  
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[54] **APPAREIL DE MOULAGE COMPORTANT UNE STRUCTURE COMPENSATRICE**  
[72] GLAESENER, PIERRE, LU  
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[85] 2013-01-16  
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[54] **SYSTEME DE DISTRIBUTION DES CONSTITUANTS A BETON**  
[72] ALDEN, KEVIN ODELL, US  
[72] SMELQUIST, KEN, CA  
[73] AMTEC METER & CONTROLS, INC., US  
[73] OPTIMUM INSTRUMENTS, INC., CA  
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[54] **SOYBEAN CULTIVAR AR0902417**  
[54] **CULTIVAR DE SOJA AR0902417**  
[72] MCCLURE, DONALD B., CA  
[72] LEE, DAVID S., CA  
[73] SYNGENTA PARTICIPATIONS AG, CH  
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[54] **ELECTROMECHANICAL BRAKING SYSTEM FOR AIRCRAFT**  
[54] **SYSTEME DE FREINAGE ELECTROMECHANIQUE POUR AERONEF**  
[72] FRANK, DAVID, FR  
[73] MESSIER-BUGATTI-DOWTY, FR  
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[25] EN  
[54] **BOTTOM DOOR OPENING-CLOSING MECHANISM, BOTTOM DOOR DEVICE AND DROP-BOTTOM HOPPER CAR**  
[54] **MECANISME D'OUVERTURE/DE FERMETURE DE PORTE INFERIEURE, APPAREIL DE PORTE INFERIEURE ET VEHICULE A TREMIE A PORTE A OUVERTURE INFERIEURE**  
[72] YUE, LINGHAN, CN  
[72] ZHAO, TIANJUN, CN  
[72] HE, BAICHUAN, CN  
[72] YANG, SHUANG, CN  
[72] YU, LEI, CN  
[73] QIQIHAR RAILWAY ROLLING STOCK CO., LTD., CN  
[85] 2013-03-26  
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[54] **HETEROCYCLYL COMPOUNDS AS HISTAMINE H3 RECEPTOR LIGANDS**

[54] **COMPOSES HETEROCYCLYLE COMME LIGANDS DES RECEPTEURS H3 DE L'HISTAMINE**

[72] NIROGI, RAMAKRISHNA, IN

[72] SHINDE, ANIL KARBHARI, IN

[72] KAMBHAMPATI, RAMASASTRI, IN

[72] NAMALA, RAMBABU, IN

[72] DWARAMPUDI, ADI REDDY, IN

[72] KOTA, LAXMAN, IN

[72] GAMPA, MURLIMOCHAN, IN

[72] KODRU, PADMAVATHI, IN

[72] TIRIVEEDHI, TARAKA NAGA VINAYKUMAR, IN

[72] KANDIKERE, VISHWOTTAM NAGARAJ, IN

[72] MUDDANA, NAGESHWARA RAO, IN

[72] SARALAYA, RAMANATHA SHRIKANTHA, IN

[72] JAYARAJAN, PRADEEP, IN

[72] SHANMUGANATHAN, DHANALAKSHMI, IN

[72] AHMAD, ISHTIYAQUE, IN

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[73] SUVEN LIFE SCIENCES LIMITED, IN

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[25] EN

[54] **SAFETY LADDER DEVICE**

[54] **DISPOSITIF DE SECURITE POUR ECHELLE**

[72] STEPHEN, JOHN DANIEL, CA

[73] STEPHEN, JOHN DANIEL, CA

[86] (2813394)

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[22] 2013-04-08

[30] US (13/507,443) 2012-06-29

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[13] C

[51] **Int.Cl. H04N 19/61 (2014.01)**

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[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING CODING UNIT OF PICTURE BOUNDARY**

[54] **PROCEDE ET APPAREIL DE CODAGE ET DE DECODAGE D'UNITE DE CODAGE DE FRONTIERE D'IMAGE**

[72] CHEON, MIN-SU, KR

[73] SAMSUNG ELECTRONICS CO., LTD., KR

[86] (2818587)

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[62] 2,778,534

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[11] **2,822,785**  
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[25] EN

[54] **FUEL CELL STACK**

[54] **EMPILEMENT DE PILES A COMBUSTION**

[72] ICHIHARA, KEIJI, JP

[72] NUMAO, YASUHIRO, JP

[72] UEHARA, SIGETAKA, JP

[73] NISSAN MOTOR CO., LTD., JP

[85] 2013-06-21

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[51] **Int.Cl. A61M 35/00 (2006.01) A61F 13/40 (2006.01) A61K 9/00 (2006.01) A61K 33/00 (2006.01) A61L 15/44 (2006.01) A61M 37/00 (2006.01)**

[25] EN

[54] **APPARATUS FOR THE CONTROLLED RELEASE OF TOPICAL NITRIC OXIDE**

[54] **APPAREIL POUR LA LIBERATION CONTROLEE D'OXYDE NITRIQUE TOPIQUE**

[72] MUTUS, BULENT, CA

[72] JAROSZ, ARTHUR, CA

[72] FACCENDA, ADAM, CA

[72] ZHANG, XUEJI, US

[73] UNIVERSITY OF WINDSOR, CA

[85] 2013-08-13

[86] 2012-02-22 (PCT/CA2012/000157)

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[25] EN

[54] **ERROR CORRECTION ENCODING METHOD, DECODING METHOD AND ASSOCIATED DEVICES**

[54] **PROCEDE DE CODAGE DE CORRECTION D'ERREURS, PROCEDE DE DECODAGE ET DISPOSITIFS ASSOCIES**

[72] FLOREA, ALINA ALEXANDRA, FR

[72] NGUYEN, HANG, FR

[72] MARTINOD, LAURENT, FR

[72] MOLKO, CHRISTOPHE, FR

[73] CASSIDIAN SAS, FR

[85] 2013-09-11

[86] 2012-03-14 (PCT/EP2012/054494)

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[51] **Int.Cl. A61B 17/34 (2006.01) A61B  
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[25] EN

[54] **INSTRUMENT DOCKING PORTS  
FOR TRANS-ENDOSCOPIC AND  
LAPAROSCOPIC SURGERY  
ACCESS PORTS**

[54] **ORIFICES D'ACCUEIL  
D'INSTRUMENTS POUR  
ORIFICES D'ACCES DE  
CHIRURGIE TRANS-  
ENDOSCOPIQUES ET  
LAPAROSCOPIQUES**

[72] AMSON, BRADLEY, CA

[72] TANG, BAO, CA

[73] AMSON, BRADLEY, CA

[73] TANG, BAO, CA

[86] (2843679)

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December 28, 2014 to January 3, 2015

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[54] **MAGNETIC VEHICLE BODY PANEL PROTECTOR**  
[54] **PROTECTEUR AIMANTE POUR PANNEAU DE CHASSIS DE VEHICULE**  
[72] MOROZ, ROMAN, CA  
[71] MOROZ, ROMAN, CA  
[22] 2013-06-28  
[41] 2014-12-28

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[13] A1  
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[54] **HEARTS SPECIAL GUITAR**  
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[72] HEARTZ, CHARLES, CA  
[71] HEARTZ, CHARLES, CA  
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[13] A1  
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[25] EN  
[54] **SYSTEM AND METHOD FOR PROVIDING AUTOMATED CAREGIVING SERVICES**  
[54] **SYSTEME ET METHODE DE PRESTATION DE SERVICES DE SOINS AUTOMATISES**  
[72] CHAPUT, ROBERT JOSEPH, CA  
[72] WALIA, MANEESH, CA  
[72] LECLAIR, ALAIN ADRIEN, CA  
[71] CANADIAN SHIELD HEALTH CARE SERVICES INC., CA  
[22] 2013-07-02  
[41] 2014-12-28  
[30] US (13/931,154) 2013-06-28

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[51] **Int.Cl. A63B 69/24 (2006.01) A63B 69/20 (2006.01)**  
[25] EN  
[54] **COMBATIVE PUNCHING BAG**  
[54] **SAC D'ENTRAINEMENT AU COMBAT**  
[72] LYBBERT, DEVON M., CA  
[71] LYBBERT, DEVON M., CA  
[22] 2013-07-02  
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[13] A1  
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[54] **COLLAPSIBLE SIDEWALL EXTENDER FOR VEHICLES**  
[54] **PROLONGEMENT DE PAROI LATERALE PLIABLE POUR VEHICULES**  
[72] ANDREOU, PANAYIOTIS, CA  
[71] ANDREOU, PANAYIOTIS, CA  
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[25] EN  
[54] **HAND FREE MOBILE CUFF**  
[54] **POIGNET DE MAINTIEN D'APPAREIL MOBILE MAINS LIBRES**  
[72] LITTLEFAIR, MARSHA H., CA  
[71] LITTLEFAIR, MARSHA H., CA  
[22] 2013-07-02  
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[51] **Int.Cl. E06B 9/42 (2006.01) A47G 5/02 (2006.01) A47H 1/13 (2006.01)**  
[25] EN  
[54] **ROLLER CURTAIN FIXING BRACKET ASSEMBLY**  
[54] **MECANISME DE SUPPORT DE FIXATION POUR PARURE DE FENETRE ENROULEE**  
[72] CHOU, TSER WEN, TW  
[71] CHOU, TSER WEN, TW  
[22] 2013-07-02  
[41] 2015-01-02

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[13] A1  
[51] **Int.Cl. H04N 17/00 (2006.01)**  
[25] EN  
[54] **HIGH ACCURACY CAMERA MODELLING AND CALIBRATION METHOD**  
[54] **METHODE DE MODELISATION ET D'ETALONNAGE DE CAMERA HAUTE PRECISION**  
[72] MARTIN, GUY, CA  
[71] MARTIN, GUY, CA  
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[13] A1

[51] **Int.Cl. C10G 1/04 (2006.01) C10C 3/08 (2006.01)**  
[25] EN  
[54] **METHOD FOR REDUCING RAG LAYER VOLUME IN STATIONARY FROTH TREATMENT**  
[54] **METHODE DE REDUCTION DU VOLUME DE COUCHE DE MOUSSE DANS LE TRAITEMENT DE MOUSSE STATIONNAIRE**  
[72] NG, YIN MING SAMSON, CA  
[72] KNAPPER, BRIAN, CA  
[72] CYMERMAN, GEORGE, CA  
[72] TRAN, TAM, CA  
[72] YEUNG, ALLAN, CA  
[71] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT, CA  
[22] 2013-07-02  
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[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/12 (2012.01)**  
[25] EN  
[54] **NEW METHOD FOR SERVICING DELIVERIES IN THE FOOD SERVICES INDUSTRY**  
[54] **NOUVELLE METHODE DE LIVRAISON POUR LE DOMAINE DES SERVICES ALIMENTAIRES**  
[72] CHIU, EDWARD KAQ KIN, CA  
[71] CHIU, EDWARD KAQ KIN, CA  
[22] 2013-06-28  
[41] 2014-12-28

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[13] A1

[51] **Int.Cl. A42B 3/04 (2006.01)**  
[25] EN  
[54] **HELMET WITH REAR ADJUSTMENT MECHANISM**  
[54] **CASQUE EQUIPE D'UN MECANISME D'AJUSTEMENT ARRIERE**  
[72] BEAUCHAMP, PIERRE-LUC, CA  
[72] MARTIN, PHILIPPE, CA  
[72] BERGERON, SIMON, CA  
[71] SPORT MASKA INC., CA  
[22] 2013-06-28  
[41] 2014-12-28

[21] **2,820,698**  
[13] A1

[51] **Int.Cl. C10K 1/00 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR OBTAINING SWEET GAS, SYNTHETIC GAS AND SULPHUR FROM NATURAL GAS**  
[54] **PROCEDE ET SYSTEME POUR OBTENIR UN GAZ NON CORROSIF, UN GAZ SYNTHETIQUE ET DU SOUFRE A PARTIR DU GAZ NATUREL**  
[72] PERERA MERCADO, YIBRAN ARGENIS, MX  
[72] GARCIA CERDA, LUIS ALFONSO, MX  
[72] CASTRUITA DE LEON, GRISELDA, MX  
[72] VILLARREAL CARDENAS, LUIS ALBERTO, MX  
[72] NEIRA VELAZQUEZ, MARIA GUADALUPE, MX  
[72] AGUILAR VEGA, MANUEL DE JESUS, MX  
[72] LORIA BASTARRACHEA, MARIA ISABEL DE LOS DOLORES, MX  
[72] SANTIAGO GARCIA, JOSE LUIS, MX  
[72] GUTIERREZ MEJIA, ALEJANDRA AIMEE, MX  
[72] PACHECO SOTELO, JOEL OSVALDO, MX  
[72] PACHECO PACHECO, MARQUIDIA JOSSELINE, MX  
[72] VALDIVIA BARRIENTOS, RICARDO, MX  
[72] RAMOS FLORES, JOSE FIDEL, MX  
[72] DURAN GARCIA, MIGUEL ANGEL, MX  
[72] HIDALGO PEREZ, MIGUEL ANGEL, MX  
[71] CENTRO DE INVESTIGACION EN QUIMICA APLICADA, MX  
[71] CENTRO DE INVESTIGACION CIENTIFICA DE YUCATAN, AC, MX  
[71] INSTITUTO NACIONAL DE INVESTIGACIONES NUCLEARES, MX  
[22] 2013-07-03  
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[13] A1

[51] **Int.Cl. E04H 13/00 (2006.01)**  
[25] EN  
[54] **THERMOFORMED GRAVE MARKERS**  
[54] **STELLES FUNERAIRES THERMOFORMEES**  
[72] KENDALL, DESMOND M, CA  
[72] CUMMINGS, MICHAEL, US  
[71] SWEDCAN LUMICAN PLASTICS INC., CA  
[22] 2013-07-03  
[41] 2015-01-03

[21] **2,820,932**  
[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/30 (2006.01)**  
[25] EN  
[54] **METHOD FOR RECOVERING HYDROCARBONS FROM A SUBTERRANEAN RESERVOIR**  
[54] **PROCEDE DE RECUPERATION D'HYDROCARBURES A PARTIR D'UN RESERVOIR SOUTERRAIN**  
[72] AYASSE, CONRAD, CA  
[71] IOR CANADA LTD., CA  
[22] 2013-07-03  
[41] 2015-01-03

[21] **2,822,611**  
[13] A1

[51] **Int.Cl. G06F 3/0481 (2013.01) H04L 12/16 (2006.01) H04L 12/58 (2006.01)**  
[25] EN  
[54] **COMMUNICATION WINDOW DISPLAY MANAGEMENT**  
[54] **GESTION D'AFFICHAGE DE FENETRE DE COMMUNICATION**  
[72] KUSCHER, ALEXANDER FRIEDRICH, US  
[72] JITKOFF, JOHN NICHOLAS, US  
[71] GOOGLE INC., US  
[22] 2013-07-30  
[41] 2015-01-02  
[30] US (13/934,162) 2013-07-02

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[21] **2,822,774**  
[13] A1

[51] **Int.Cl. B61K 7/20 (2006.01)**  
[25] EN  
[54] **DEVICES, SYSTEMS AND METHODS FOR ENGAGING AND DISENGAGING RAILCAR WHEELS AND FOR CONTROLLING TRAVEL OF RAILCAR**

[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR METTRE EN PRISE ET HORS PRISE LES ROUES D'UN WAGON PORTE-RAILS ET COMMANDER LE DEPLACEMENT DU WAGON PORTE-RAILS**

[72] OPELT, KURTIS JAMES, US  
[72] BECKER, NEAL W., US  
[72] GOKHMAN, GENE Z., US  
[71] AAA SALES & ENGINEERING, INC., US  
[22] 2013-08-02  
[41] 2015-01-03  
[30] US (13/935,177) 2013-07-03

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[21] **2,829,582**  
[13] A1

[51] **Int.Cl. A63H 33/08 (2006.01) A63F 9/24 (2006.01)**  
[25] EN  
[54] **MODULARIZED CONTACT TYPE OF CONDUCTIVE BUILDING BLOCK**

[54] **CONTACT DE TYPE MODULAIRE POUR BLOC DE CONSTRUCTION CONDUCTEUR**

[72] LIN, CHIA-YEN, CN  
[71] LIN, CHIA-YEN, CN  
[22] 2013-10-07  
[41] 2014-12-28  
[30] CN (201310267961.4) 2013-06-28

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[21] **2,831,120**  
[13] A1

[51] **Int.Cl. B62B 13/00 (2006.01) B62B 17/00 (2006.01)**  
[25] EN  
[54] **STEERABLE SLED BOARD AND THE LIKES**

[54] **PLANCHE DE LUGE DIRIGEABLE ET AUTRES SEMBLABLES**

[72] CHEUNG, LOI HUI, CN  
[71] CHEUNG, LOI HUI, CN  
[22] 2013-10-28  
[41] 2014-12-28  
[30] US (13/987,056) 2013-06-28

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[21] **2,842,083**  
[13] A1

[51] **Int.Cl. C25C 3/10 (2006.01)**  
[25] EN  
[54] **SYSTEM AND APPARATUS FOR ASSISTING MAINTENANCE OF AN ELECTROLYSIS CELL**

[54] **SYSTEME ET APPAREIL AIDANT A L'ENTRETIEN D'UNE CELLULE D'ELECTROLYSE**

[72] GAGNON, DANNY, CA  
[71] GAGNON, DANNY, CA  
[22] 2014-02-11  
[41] 2014-12-30

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[21] **2,844,382**  
[13] A1

[51] **Int.Cl. F25D 23/00 (2006.01) E05B 47/00 (2006.01) E05B 65/06 (2006.01) E05B 65/52 (2006.01) F25D 23/02 (2006.01)**  
[25] EN  
[54] **COOLER LOCK**

[54] **VERROU POUR GLACIERE**

[72] DENISON, WILLIAM, US  
[72] ROATIS, CALIN, US  
[71] DENISON, WILLIAM, US  
[71] ROATIS, CALIN, US  
[22] 2014-02-28  
[41] 2014-12-28  
[30] US (13/930,664) 2013-06-28

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[21] **2,846,277**  
[13] A1

[51] **Int.Cl. B25J 19/00 (2006.01)**  
[25] EN  
[54] **TOOL HEAD, WITH WIRELESS MONITORING SYSTEM, FOR PERFORMING INDUSTRIAL OPERATIONS**

[54] **TETE D'OUTIL DOTE D'UN SYSTEME DE SURVEILLANCE SANS FIL POUR EXECUTER DES OPERATIONS INDUSTRIELLES**

[72] DI STEFANO, GIOVANNI, IT  
[72] MAESTRI, MAURO, IT  
[72] SERPI, VALERIA, IT  
[71] COMAU S.P.A., IT  
[22] 2014-03-13  
[41] 2015-01-01  
[30] EP (13174543.2) 2013-07-01

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[21] **2,848,545**  
[13] A1

[51] **Int.Cl. C23G 1/00 (2006.01) C23G 3/00 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR HEATING PROCESS SOLUTIONS FOR PRELIMINARY TREATMENT OF A SURFACE BEFORE COATING**

[54] **SYSTEME DE SOLUTIONS DE TRAITEMENT THERMIQUE POUR LE TRAITEMENT PRELIMINAIRE D'UNE SURFACE AVANT LE REVETEMENT**

[72] DUCASSE, ALEXANDRE, US  
[71] TKS INDUSTRIAL COMPANY, US  
[22] 2014-04-04  
[41] 2014-12-28  
[30] US (13/930,123) 2013-06-28

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[21] **2,848,687**  
[13] A1

[51] **Int.Cl. H04B 10/2575 (2013.01) H04B 10/548 (2013.01)**  
[25] EN  
[54] **INTEGRATED PHOTONIC FREQUENCY CONVERTER AND MIXER**

[54] **MELANGEUR ET CONVERTISSEUR DE FREQUENCE PHOTONIQUE INTEGRES**

[72] SHI, YONGQIANG, US  
[71] THE BOEING COMPANY, US  
[22] 2014-04-09  
[41] 2015-01-01  
[30] US (13/932,016) 2013-07-01

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[21] **2,849,199**  
[13] A1

[51] **Int.Cl. B60J 11/06 (2006.01) B25H 5/00 (2006.01) B60P 7/04 (2006.01) B62D 33/04 (2006.01)**  
[25] EN  
[54] **TONNEAU POSITIONER WITH BED RAIL EXTENDER CLIP**

[54] **DISPOSITIF DE POSITIONNEMENT DE TONNEAU DOTE D'UNE PINCE D'EXTENSION DE RAIL SUR PLATEFORME**

[72] FINK, JEFFREY A., US  
[71] ADVANTAGE TRUCK ACCESSORIES, INC., US  
[22] 2014-04-17  
[41] 2014-12-28  
[30] US (13/930,476) 2013-06-28

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[21] **2,849,584**  
[13] A1

[51] **Int.Cl. H01R 13/73 (2006.01) B64C 1/00 (2006.01)**  
[25] EN  
[54] **TRUSS INTERCONNECT**  
[54] **INTERCONNEXION DE FERME**  
[72] LARSEN, TY AABY, US  
[72] BROUWER, TODD BURTON, US  
[72] JOHNSON, ROBERT T., US  
[72] LIFFRING, MARK EUGENE, US  
[72] SHANDER, MARK STEPHEN, US  
[72] HOLLEY, ROBERT DENNIS, US  
[72] DOUGLAS, MARGARET L., US  
[71] THE BOEING COMPANY, US  
[22] 2014-04-23  
[41] 2014-12-28  
[30] US (13/930,024) 2013-06-28

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[21] **2,849,637**  
[13] A1

[51] **Int.Cl. A63F 13/45 (2014.01) A63F 13/30 (2014.01)**  
[25] EN  
[54] **GAMING SYSTEM AND METHOD PROVIDING A MULTIPLAYER CARD GAME WITH MULTIPLE FOLD OPTIONS AND INTERRELATED BONUSES**  
[54] **SYSTEME ET PROCEDE DE JEU PERMETTANT UN JEU DE CARTES A JOUEURS MULTIPLES AVEC PLUSIEURS OPTIONS DE SE COUCHER ET BONUS INTERRELIES**  
[72] MONTANO, ANDREAS C., US  
[71] IGT, US  
[22] 2014-04-22  
[41] 2015-01-03  
[30] US (13/934,972) 2013-07-03

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[21] **2,850,751**  
[13] A1

[51] **Int.Cl. B23B 47/00 (2006.01)**  
[25] EN  
[54] **PRESSURE FOOT OFFSET NOSE PIECE**  
[54] **PIECE DE NEZ DECALEE A PRESSION DU PIED**  
[72] RUSSELL, DON S., US  
[71] THE BOEING COMPANY, US  
[22] 2014-04-29  
[41] 2015-01-02  
[30] US (13/934,158) 2013-07-02

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[21] **2,851,936**  
[13] A1

[51] **Int.Cl. H02S 20/00 (2014.01) H02S 20/22 (2014.01)**  
[25] EN  
[54] **APPARATUS FOR MOUNTING A PHOTOVOLTAIC MODULE**  
[54] **APPAREIL POUR MONTER UN MODULE PHOTOVOLTAIQUE**  
[72] ROENSCH, JONATHAN, US  
[72] HILL, BRIAN R., US  
[72] SCHUIT, NATHAN, US  
[72] TWITCHELL, ERIN, US  
[71] UNIRAC, INC., US  
[22] 2014-05-15  
[41] 2015-01-03  
[30] US (13/934,493) 2013-07-03

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[21] **2,852,324**  
[13] A1

[51] **Int.Cl. F02C 7/24 (2006.01) F01D 25/24 (2006.01)**  
[25] EN  
[54] **ACOUSTIC STRUCTURE FOR A GAS TURBINE ENGINE**  
[54] **STRUCTURE ACOUSTIQUE POUR UNE TURBINE A GAZ**  
[72] CAULFEILD, STEPHEN, CA  
[72] OLVER, BRYAN, CA  
[72] CHEUNG, KIN-LEUNG, CA  
[71] PRATT & WHITNEY CANADA CORP., CA  
[22] 2014-05-23  
[41] 2015-01-03  
[30] US (61/842,545) 2013-07-03

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[21] **2,852,328**  
[13] A1

[51] **Int.Cl. E04F 13/21 (2006.01) E04B 1/41 (2006.01)**  
[25] EN  
[54] **VERTICALLY ADJUSTABLE DISENGAGEMENT PREVENTION VENEER TIE AND ANCHORING SYSTEM UTILIZING THE SAME**  
[54] **ATTACHE DE CONTREPLAQUE REGLABLE VERTICALEMENT EMPECHANT LE DEGAGEMENT ET LE MECANISME D'ANCRAGE ASSOCIE**  
[72] HOHMANN, RONALD P., JR., US  
[71] MITEK HOLDINGS, INC., US  
[22] 2014-05-27  
[41] 2014-12-28  
[30] US (13/930,866) 2013-06-28

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[21] **2,852,402**  
[13] A1

[51] **Int.Cl. G03G 9/08 (2006.01)**  
[25] EN  
[54] **TONER PROCESSES FOR HYPER-PIGMENTED TONERS**  
[54] **PROCEDES D'ENCRE SECHE POUR ENCRE SECHES HYPER-PIGMENTEES**  
[72] WOSNICK, JORDAN H., CA  
[72] LAWTON, DAVID J.W., CA  
[72] DAVIS, MELANIE L., CA  
[71] XEROX CORPORATION, US  
[22] 2014-05-21  
[41] 2014-12-28  
[30] US (13/930326) 2013-06-28

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[21] **2,852,507**  
[13] A1

[51] **Int.Cl. B64C 21/02 (2006.01) B64C 7/00 (2006.01)**  
[25] EN  
[54] **FLOW CONTROL STRUCTURE AND ASSOCIATED METHOD FOR CONTROLLING ATTACHMENT WITH A CONTROL SURFACE**  
[54] **STRUCTURE DE COMMANDE D'ECOULEMENT ET PROCEDE ASSOCIE POUR COMMANDER L'ADHERENCE A UNE GOUVERNE**  
[72] BERNHARDT, ROGER D., US  
[71] THE BOEING COMPANY, US  
[22] 2014-05-22  
[41] 2015-01-03  
[30] US (13/934,934) 2013-07-03

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[21] **2,852,519**  
[13] A1

[51] **Int.Cl. G01B 21/00 (2006.01) B23Q 16/00 (2006.01) G01B 11/00 (2006.01) G01S 17/66 (2006.01)**  
[25] EN  
[54] **ROBOTIC-MOUNTED MONUMENT SYSTEM FOR METROLOGY SYSTEMS**  
[54] **SYSTEME DE MONUMENT ROBOTISE POUR LES DISPOSITIFS DE METROLOGIE**  
[72] COBB, JAMES M., US  
[72] TRAUTMAN, PETER FREDERICK, US  
[72] SJOHOLM, PAUL FREDRIC, US  
[71] THE BOEING COMPANY, US  
[22] 2014-05-22  
[41] 2015-01-02  
[30] US (13/933,354) 2013-07-02

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[21] **2,852,755**  
[13] A1

[51] **Int.Cl. B29C 70/36 (2006.01)**  
[25] EN  
[54] **VACUUM BAG PROCESSING OF COMPOSITE PARTS USING A CONFORMABLE VACUUM BAG ASSEMBLY**

[54] **SAC D'ASPIRATEUR POUR LE TRAITEMENT DE PIÈCES MÉLANGÉES À L'AIDE D'UN SAC D'ASPIRATEUR ADAPTABLE**

[72] LOUIE, MICHAEL K., US  
[72] DULL, KENNETH M., US  
[72] AQUINO, TIMOTHY DAVID, US  
[72] LATHROP, PHILLIP KELLER, US  
[71] THE BOEING COMPANY, US  
[22] 2014-05-27  
[41] 2015-01-02  
[30] US (13/933,368) 2013-07-02

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[21] **2,852,905**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/56 (2006.01) A61B 17/94 (2006.01)**  
[25] EN  
[54] **ARTICULATING APPARATUS FOR ENDOSCOPIC PROCEDURES WITH SYSTEM**

[54] **APPAREIL À ARTICULATION POUR INTERVENTIONS ENDOSCOPIQUES AVEC MÉCANISME**

[72] SNIFFIN, KEVIN, US  
[72] FISCHVOGT, GREGORY, US  
[71] COVIDIEN LP, US  
[22] 2014-05-29  
[41] 2014-12-28  
[30] US (61/840,937) 2013-06-28  
[30] US (14/282,317) 2014-05-20

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[21] **2,853,015**  
[13] A1

[51] **Int.Cl. H01R 4/70 (2006.01) H02G 15/08 (2006.01)**  
[25] EN  
[54] **ELECTRICAL CONNECTOR HAVING COLD SHRINK COMPONENT**

[54] **RACCORD ÉLECTRIQUE COMPORTANT UNE COMPOSANTE RÉTRÉCISSABLE À FROID**

[72] SIEBENS, LARRY N., US  
[72] GARDNER, DANIEL L., US  
[72] HERNANDEZ, CARLOS H., US  
[72] HIGGINS, KIERAN P., US  
[71] THOMAS & BETTS INTERNATIONAL, INC., US  
[22] 2014-05-30  
[41] 2014-12-28  
[30] US (61/841,100) 2013-06-28  
[30] US (14/280,114) 2014-05-16

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[21] **2,853,410**  
[13] A1

[51] **Int.Cl. F28D 7/10 (2006.01)**  
[25] EN  
[54] **HEAT-TRANSFER DEVICE**

[54] **DISPOSITIF DE TRANSFERT THERMIQUE**

[72] TAMURA, AKINORI, JP  
[72] KAWAMURA, TOSHINORI, JP  
[72] KITOU, KAZUAKI, JP  
[72] NAKANO, HIROSHI, JP  
[71] HITACHI, LTD., JP  
[22] 2014-06-05  
[41] 2014-12-28  
[30] JP (2013-135740) 2013-06-28

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[21] **2,853,549**  
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01)**  
[25] EN  
[54] **HYDROCARBON RESOURCE HEATING APPARATUS INCLUDING FERROMAGNETIC TRANSMISSION LINE AND RELATED METHODS**

[54] **APPAREIL DE CHAUFFAGE D'UNE RESSOURCE EN HYDROCARBURES COMPRENANT UNE LIGNE DE TRANSMISSION FERROMAGNETIQUE ET PROCÉDES ASSOCIÉS**

[72] PARSCHE, FRANCIS EUGENE, US  
[71] HARRIS CORPORATION, US  
[22] 2014-06-04  
[41] 2015-01-03  
[30] US (2013/934867) 2013-07-03

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[21] **2,853,916**  
[13] A1

[51] **Int.Cl. A47K 3/34 (2006.01) E05D 13/00 (2006.01) E05D 15/06 (2006.01) E06B 3/46 (2006.01)**  
[25] EN  
[54] **CURVED DOOR**

[54] **PORTE COURBÉE**

[72] YUHAS, DREW, US  
[71] AS IP HOLDCO, LLC, US  
[22] 2014-06-05  
[41] 2014-12-28  
[30] US (13/931,577) 2013-06-28

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[21] **2,853,995**  
[13] A1

[51] **Int.Cl. F01N 3/10 (2006.01) B66C 13/52 (2006.01) B66C 23/36 (2006.01) B66C 23/62 (2006.01) F01N 3/035 (2006.01)**  
[25] EN  
[54] **EXHAUST EMISSION CONTROL DEVICE FOR ROUGH TERRAIN CRANE**

[54] **DISPOSITIF DE CONTRÔLE D'ÉMISSIONS D'ÉCHAPPEMENT POUR GRUE EN TERRAIN ACCIDENTÉ**

[72] TERATA, KIMIHIKO, JP  
[72] SEKO, SHINYA, JP  
[72] HONDA, RYO, JP  
[71] TADANO LTD., JP  
[22] 2014-06-11  
[41] 2014-12-28  
[30] JP (2013-135846) 2013-06-28

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[21] **2,854,041**  
[13] A1

[51] **Int.Cl. G01V 1/38 (2006.01) G01V 1/24 (2006.01)**  
[25] EN  
[54] **VARIABLE DEPTH MULTICOMPONENT SENSOR STREAMER**  
[54] **DISPOSITIF DE FLUX DE CAPTEUR MULTICOMPOSANT A PROFONDEUR VARIABLE**  
[72] WIDMAIER, MARTIN, NO  
[72] DAY, ANTHONY JAMES, NO  
[72] TURNBULL, NEIL HUGH RICHARD, NO  
[71] PGS GEOPHYSICAL AS, NO  
[22] 2014-06-10  
[41] 2015-01-01  
[30] US (61/841,639) 2013-07-01  
[30] US (14/107,823) 2013-12-16

[21] **2,854,235**  
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01)**  
[25] EN  
[54] **SYNCHRONIZATION OF CONTROL APPLICATIONS FOR A GRID NETWORK**  
[54] **SYNCHRONISATION D'APPLICATIONS DE COMMANDE POUR UN RESEAU EN GRILLE**  
[72] TRAILL, BILL, GB  
[72] CHEN, YEE-MEN, GB  
[72] CAMPBELL, SARAH, GB  
[72] SIMONS, GLENDA PAULETTE, GB  
[72] STANISLAWSKI, MICHAEL, GB  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2014-06-12  
[41] 2014-12-28  
[30] US (13/929,979) 2013-06-28

[21] **2,854,284**  
[13] A1

[51] **Int.Cl. H02J 7/00 (2006.01) H02J 9/00 (2006.01) H05K 7/00 (2006.01)**  
[25] EN  
[54] **STANDBY BATTERY PRODUCT AND STACKABLE CHARGING SYSTEM THEREOF**  
[54] **PRODUIT DE BATTERIE DE RESERVE ET SYSTEME DE CHARGE EMPILABLE DE CELUI-CI**  
[72] LAU, VINCENT W.S., HK  
[72] ZHENG, LEI, HK  
[71] SUN PLEASURE COMPANY LIMITED, HK  
[22] 2014-06-12  
[41] 2015-01-03  
[30] CN (201320393689.X) 2013-07-03  
[30] US (14/297281) 2014-06-05

[21] **2,854,318**  
[13] A1

[51] **Int.Cl. G01M 3/04 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DETECTING A LEAK OF FLUID FROM A FLUID-CARRYING DUCT**  
[54] **METHODE ET DISPOSITIF DE DETECTION D'UNE FUITE DE FLUIDE DANS UN CONDUIT DE TRANSPORT DE FLUIDE**  
[72] FRUCHT, YAACOV, IL  
[71] DR. FRUCHT SYSTEMS LTD., IL  
[22] 2014-06-12  
[41] 2015-01-01  
[30] IL (227289) 2013-07-01

[21] **2,854,323**  
[13] A1

[51] **Int.Cl. F23J 15/02 (2006.01) F23J 15/04 (2006.01)**  
[25] EN  
[54] **TREATMENT SYSTEM AND METHOD FOR A FLUE GAS FROM A COMBUSTION PROCESS**  
[54] **SYSTEME DE TRAITEMENT ET PROCEDE POUR UN GAZ D'EVACUATION ISSU D'UN PROCEDE DE COMBUSTION**  
[72] NILSSON, LARS, SE  
[72] GRUBBSTROM, JOERGEN PER-OLOF, SE  
[71] ALSTOM TECHNOLOGY LTD, CH  
[22] 2014-06-13  
[41] 2015-01-03  
[30] EP (13174862.6) 2013-07-03

[21] **2,854,403**  
[13] A1

[51] **Int.Cl. A01D 34/40 (2006.01)**  
[25] EN  
[54] **DRIVE COUPLER FOR A RECIPROCATING KNIFE**  
[54] **RACCORD D'ENTRAINEMENT POUR UN COUPEAU ALTERNATIF**  
[72] RITTER, AARON S., US  
[72] HUGHES, AUSTIN, US  
[71] DEERE & COMPANY, US  
[22] 2014-06-16  
[41] 2015-01-01  
[30] US (13/932,614) 2013-07-01

[21] **2,854,691**  
[13] A1

[51] **Int.Cl. B23P 15/28 (2006.01) B23P 15/46 (2006.01) E21B 10/26 (2006.01)**  
[25] EN  
[54] **METHOD OF MAKING DIAMOND MINING CORE DRILL BIT AND REAMER**  
[54] **PROCEDE DE FABRICATION D'UNE COURONNE DE FORAGE POURVUE D'UN ALESEUR POUR L'EXTRACTION DE DIAMANTS**  
[72] MOLLER, KARL H., US  
[72] RUFNER, THOMAS G., US  
[71] DIAMOND PRODUCTS, LIMITED, US  
[22] 2014-06-19  
[41] 2015-01-03  
[30] US (61/842,658) 2013-07-03  
[30] US (61/911,521) 2013-12-04

[21] **2,854,719**  
[13] A1

[51] **Int.Cl. F03D 1/06 (2006.01)**  
[25] EN  
[54] **AERODYNAMIC HUB ASSEMBLY FOR A WIND TURBINE**  
[54] **ASSEMBLAGE DE MOYEU AERODYNAMIQUE POUR UNE EOLIENNE**  
[72] WILSON, IAN DAVID, US  
[72] KINZIE, KEVIN WAYNE, US  
[72] MADGE, JAMES HENRY, US  
[72] ERNO, JASON DANIEL, US  
[72] MOSCINSKI, MICHAEL COLAN, US  
[72] KHAN, ZAEEM, ASHRAF, US  
[72] OPAITS, DMYTRO FLORIYOVYCH, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2014-06-19  
[41] 2015-01-02  
[30] US (13/933,565) 2013-07-02

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[21] **2,854,905**  
[13] A1

[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/12 (2006.01) A61B 19/00 (2006.01)**  
 [25] EN  
 [54] **REAL-TIME PREDICTION OF STEAM-POP EVENTS DURING ABLATION**  
 [54] **PREDICTION EN TEMPS REEL D'EVENEMENTS D'EVACUATION SOUDAIN DE VAPEUR D'EAU**  
 [72] BERGER, ABRAHAM, IL  
 [72] BAR-TAL, MEIR, IL  
 [72] HAZAN, AVRI, IL  
 [72] OSADCHY, DANIEL, IL  
 [71] BIOSENSE WEBSTER (ISRAEL), LTD., IL  
 [22] 2014-06-20  
 [41] 2015-01-01  
 [30] US (13/932,397) 2013-07-01

[21] **2,855,033**  
[13] A1

[51] **Int.Cl. H04W 4/12 (2009.01)**  
 [25] EN  
 [54] **GENERATING MESSAGE NOTIFICATIONS PROVIDING DIRECTION ACTIONS**  
 [54] **PRODUCTION D'AVIS DE MESSAGE FOURNISSANT DES DIRECTIONS**  
 [72] STEEVES, RYAN DAVID, CA  
 [72] ZIEGLER, RUDOLPH FERDINAND, CA  
 [72] PEDWYSOCKI, ALEXANDER JAMES, CA  
 [72] ARBSJO, JONAS OVE, SE  
 [71] BLACKBERRY LIMITED, CA  
 [22] 2014-06-25  
 [41] 2014-12-28  
 [30] EP (13174439.3) 2013-06-28

[21] **2,855,067**  
[13] A1

[51] **Int.Cl. H04W 68/00 (2009.01) H04W 4/12 (2009.01)**  
 [25] EN  
 [54] **CONTEXT SENSITIVE MESSAGE NOTIFICATIONS**  
 [54] **AVIS DE MESSAGE SENSIBLES AU CONTEXTE**  
 [72] STEEVES, RYAN DAVID, US  
 [72] ZIEGLER, RUDOLPH FERDINAND, US  
 [72] PEDWYSOCKI, ALEXANDER JAMES, US  
 [72] ARBSJO, JONAS OVE, US  
 [72] LI, HAOBIN, US  
 [71] BLACKBERRY LIMITED, CA  
 [22] 2014-06-25  
 [41] 2014-12-28  
 [30] EP (13174437.7) 2013-06-28

[21] **2,855,012**  
[13] A1

[51] **Int.Cl. B60W 50/00 (2006.01)**  
 [25] EN  
 [54] **INDUSTRIAL VEHICLE AND METHOD FOR CONTROLLING INDUSTRIAL VEHICLE**  
 [54] **VEHICULE INDUSTRIEL ET PROCEDE POUR COMMANDER UN VEHICULE INDUSTRIEL**  
 [72] KATO, NORIHIKO, JP  
 [72] KOIDE, YUKIKAZU, JP  
 [71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP  
 [22] 2014-06-19  
 [41] 2015-01-03  
 [30] JP (2013-139692) 2013-07-03

[21] **2,855,059**  
[13] A1

[51] **Int.Cl. G06Q 10/02 (2012.01) H04W 88/02 (2009.01) G06Q 20/32 (2012.01) H04B 5/00 (2006.01)**  
 [25] EN  
 [54] **MOBILE DEVICE FOR MANAGING E-TICKETS AND PAYMENT TRANSACTIONS**  
 [54] **APPAREIL MOBILE POUR GERER DES BILLETS ELECTRONIQUES ET DES TRANSACTIONS DE PAIEMENT**  
 [72] TRUSKOVSKY, ALEXANDER, CA  
 [72] MARTIN, DARYL JOSEPH, CA  
 [72] MATOVSKY, MICHAEL, CA  
 [71] BLACKBERRY LIMITED, CA  
 [22] 2014-06-25  
 [41] 2015-01-03  
 [30] EP (13174943.4) 2013-07-03

[21] **2,855,083**  
[13] A1

[51] **Int.Cl. E21B 34/14 (2006.01) E21B 23/00 (2006.01)**  
 [25] EN  
 [54] **LINEARLY INDEXING WELL BORE TOOL**  
 [54] **OUTIL D'INDEXATION LINEAIRE DE Puits DE FORAGE**  
 [72] HARRIS, MICHAEL J., US  
 [72] ANTON, KENNETH J., US  
 [71] TEAM OIL TOOLS, LP, US  
 [22] 2014-06-26  
 [41] 2014-12-28  
 [30] US (13/987,053) 2013-06-28  
 [30] US (14/229,362) 2014-03-28

[21] **2,855,030**  
[13] A1

[51] **Int.Cl. F16K 17/20 (2006.01) F16K 17/34 (2006.01) F16K 31/72 (2006.01)**  
 [25] EN  
 [54] **EXCESS FLOW SHUTOFF VALVE**  
 [54] **SOUPAPE D'ARRET D'EXCES DE DEBIT**  
 [72] KIFFER, MICAH S., US  
 [72] TENTARELLI, STEPHEN CLYDE, US  
 [71] AIR PRODUCTS AND CHEMICALS, INC., US  
 [22] 2014-06-24  
 [41] 2014-12-28  
 [30] US (13/930,474) 2013-06-28

[21] **2,855,118**  
[13] A1

[51] **Int.Cl. C02F 3/00 (2006.01) C02F 1/00 (2006.01) C12M 1/00 (2006.01)**  
 [25] EN  
 [54] **HYDRO-KINETIC REACTOR TANK**  
 [54] **RESERVOIR DE REACTEUR HYDROCINETIQUE**  
 [72] GRAVES, GREGORY D., US  
 [71] GRAVES, GREGORY D., US  
 [22] 2014-06-25  
 [41] 2014-12-28  
 [30] US (61/840,753) 2013-06-28

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[21] **2,855,140**  
[13] A1

[51] **Int.Cl. G03G 15/23 (2006.01)**  
[25] EN  
[54] **ELECTROPHOTOGRAPHIC SHEET-FED FRONT/BACK PRINTING MACHINE**  
[54] **MACHINE D'IMPRESSION ELECTROGRAPHIQUE RECTO VERSO A ALIMENTATION A FEUILLE**  
[72] IZAWA, HIDEO, JP  
[72] SETOYAMA, JUNICHI, JP  
[72] TAKAHASHI, KENJI, JP  
[71] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP  
[22] 2014-06-23  
[41] 2014-12-28  
[30] JP (2013-136450) 2013-06-28

[21] **2,855,198**  
[13] A1

[51] **Int.Cl. E21B 47/01 (2012.01)**  
[25] EN  
[54] **DOWNHOLE FLUID SENSOR WITH CONDUCTIVE SHIELD AND METHOD OF USING SAME**  
[54] **DETECTEUR DE FLUIDE DE FOND DE TROU DOTE D'UN DISPOSITIF DE PROTECTION CONDUCTEUR ET SA METHODE D'UTILISATION**  
[72] WANG, CONG, JP  
[72] KAMIYA, AKIRA, JP  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2014-06-27  
[41] 2014-12-28  
[30] US (13/929,789) 2013-06-28

[21] **2,855,289**  
[13] A1

[51] **Int.Cl. H02P 21/13 (2006.01) F16C 32/04 (2006.01) F16C 39/06 (2006.01) H02K 7/09 (2006.01)**  
[25] EN  
[54] **IMPROVED ACTIVE MAGNETIC BEARINGS CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE DE ROULEMENTS MAGNETIQUES ACTIFS AMELIORES**  
[72] TURPAULT, STEPHANE, FR  
[72] LEVINE, JEAN, FR  
[72] DA SILVA, JOAQUIM, FR  
[72] BENBOUZID, SALIM, FR  
[71] SKF MAGNETIC MECHATRONICS, FR  
[22] 2014-06-26  
[41] 2014-12-28  
[30] EP (13 305 921.2) 2013-06-28

[21] **2,855,162**  
[13] A1

[51] **Int.Cl. G06F 3/0481 (2013.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR DISPLAYING AND INTERACTING WITH DISPLAY OBJECTS**  
[54] **DISPOSITIF ET METHODE D'AFFICHAGE ET D'INTERACTION AVEC DES OBJETS AFFICHES**  
[72] LANGLOIS, MICHAEL GEORGE, CA  
[71] BLACKBERRY LIMITED, CA  
[22] 2014-06-26  
[41] 2014-12-28  
[30] EP (13174438.5) 2013-06-28

[21] **2,855,234**  
[13] A1

[51] **Int.Cl. E21C 27/30 (2006.01) B66D 1/62 (2006.01)**  
[25] EN  
[54] **REEL SYSTEM WITHIN BOOM**  
[54] **SYSTEME DE TAMBOUR AVEC MAT**  
[72] HREN, WILLIAM J., US  
[72] PEDRETTI, ETHAN, US  
[71] HARNISCHFEGGER TECHNOLOGIES, INC., US  
[22] 2014-06-26  
[41] 2014-12-28  
[30] US (61/840,620) 2013-06-28

[21] **2,855,293**  
[13] A1

[51] **Int.Cl. B65D 65/40 (2006.01) B65D 85/76 (2006.01)**  
[25] EN  
[54] **PACKAGING SHEET, PACKAGING AND USE OF SUCH A PACKAGING SHEET**  
[54] **FEUILLE D'EMBALLAGE, EMBALLAGE ET UTILISATION D'UNE TELLE FEUILLE D'EMBALLAGE**  
[72] DURIN-FRANCE, AGNES, FR  
[72] COULON, DONATIEN, FR  
[72] PROVOST, JEAN-JACQUES, FR  
[72] BONIFACY, JEAN-MARIE NICOLAS, FR  
[71] AMCOR FLEXIBLES FRANCE, FR  
[22] 2014-06-26  
[41] 2015-01-03  
[30] EP (13305946.9) 2013-07-03

[21] **2,855,187**  
[13] A1

[51] **Int.Cl. C05G 1/00 (2006.01) C05D 11/00 (2006.01) C05G 5/00 (2006.01)**  
[25] EN  
[54] **LIQUID PHOSPHITE FERTILIZER**  
[54] **ENGRAIS LIQUIDE CONTENANT DU PHOSPHITE**  
[72] FANNING, BARRY, US  
[72] GILLILAND, RODNEY, US  
[72] FRANKART, MOLLIE, US  
[71] THE ANDERSONS, INC., US  
[22] 2014-06-27  
[41] 2015-01-03  
[30] US (61/842,892) 2013-07-03

[21] **2,855,250**  
[13] A1

[51] **Int.Cl. A01D 34/13 (2006.01)**  
[25] EN  
[54] **SELF CLEARING CROP RAMP**  
[54] **RAMPE DE RECOLTE AUTONETTOYANTE**  
[72] HERRINGSHAW, BRIAN, US  
[72] PIERSON, JOSHUA R., US  
[72] NEELY, JESSE R., US  
[72] AGEE, LADARIUS D., US  
[72] HASENOUR, ANTHONY M., US  
[71] DEERE & COMPANY, US  
[22] 2014-06-30  
[41] 2015-01-02  
[30] US (13/933,758) 2013-07-02

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[21] **2,855,299**  
[13] A1

[51] **Int.Cl. F22B 1/16 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR PRODUCING HIGH PRESSURE STEAM FROM LOW QAULITY WATER**  
[54] **SYSTEME DE PRODUCTION DE VAPEUR HAUTE PRESSION A PARTIR D'EAU DE FAIBLE QUALITE**  
[72] RYAN, DONALD E., US  
[72] KULIG, JAMES S., US  
[72] PIERSON, LARRY A., US  
[71] BABCOCK & WILCOX POWER GENERATION GROUP, INC., US  
[22] 2014-06-27  
[41] 2015-01-02  
[30] US (61/842,157) 2013-07-02  
[30] US (14/298,381) 2014-06-06

[21] **2,855,300**  
[13] A1

[51] **Int.Cl. G06F 3/0354 (2013.01) G06F 3/038 (2013.01)**  
[25] EN  
[54] **METHOD AND APPARATUS PERTAINING TO A STYLUS HAVING A MULTI-LEVEL FORCE-SENSITIVE USER INTERFACE**  
[54] **METHODE ET APPAREIL CONCERNANT UN STYLET AYANT UNE INTERFACE UTILISATEUR SENSIBLE A LA FORCE EXERCEE**  
[72] MERCEA, CORNEL, CA  
[72] STACEY, RALPH ALLAN, CA  
[72] IDZIK, JACEK S., CA  
[71] BLACKBERRY LIMITED, CA  
[22] 2014-06-25  
[41] 2014-12-28  
[30] EP (13174426.0) 2013-06-28  
[30] US (13/929,881) 2013-06-28

[21] **2,855,301**  
[13] A1

[51] **Int.Cl. G01V 13/00 (2006.01) G01S 5/30 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DETERMINING THE POSITION OF A SENSOR IN SEISMIC EXPLORATION**  
[54] **SYSTEME ET METHODE DE DETERMINATION DE LA POSITION D'UN CAPTEUR LORS D'EXPLORATION SISMIQUE**  
[72] HALL, MIKE, FR  
[71] CGG SERVICES SA, FR  
[22] 2014-06-27  
[41] 2014-12-28  
[30] US (61/840,833) 2013-06-28

[21] **2,855,304**  
[13] A1

[51] **Int.Cl. H01L 21/266 (2006.01) H01L 21/335 (2006.01) H01L 29/36 (2006.01) H01L 29/772 (2006.01) H01L 29/24 (2006.01)**  
[25] EN  
[54] **SEMICONDUCTOR DEVICES AND METHODS OF MANUFACTURE**  
[54] **DISPOSITIFS A SEMI-CONDUCTEUR ET PROCEDE DE FABRICATION**  
[72] LOSEE, PETER ALMERN, US  
[72] BOLOTNIKOV, ALEXANDER VIKTOROVICH, US  
[72] KENNERLY, STACEY JOY, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2014-06-27  
[41] 2015-01-02  
[30] US (13/933,366) 2013-07-02

[21] **2,855,307**  
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR TREATMENT OF A MEDIUM**  
[54] **SYSTEME ET METHODE DE TRAITEMENT D'UN SUPPORT**  
[72] SINGH, SURINDER PRABHJOT, US  
[72] ACHARYA, HARISH RADHAKRISHNA, US  
[72] PERRY, ROBERT JAMES, US  
[72] MCDERMOTT, JOHN BRIAN, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2014-06-26  
[41] 2014-12-28  
[30] US (13/931,421) 2013-06-28

[21] **2,855,310**  
[13] A1

[51] **Int.Cl. H02M 1/00 (2007.10) G05F 5/00 (2006.01) H02M 1/12 (2006.01) H02M 7/44 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR UNIFIED COMMON MODE VOLTAGE INJECTION**  
[54] **SYSTEME ET PROCEDE POUR INJECTION DE TENSION A MODE COMMUN UNIFIE**  
[72] SHEN, JIE, DE  
[72] SCHROEDER, STEFAN, DE  
[72] CHEN, KUNLUN, CN  
[72] YANG, SHUITAO, CN  
[72] QU, BO, CN  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2014-06-26  
[41] 2015-01-03  
[30] CN (201310276169.5) 2013-07-03

[21] **2,855,314**  
[13] A1

[51] **Int.Cl. B24B 21/00 (2006.01)**  
[25] EN  
[54] **AN ABRASIVE BELT POLISHING FINISHER**  
[54] **APPAREIL DE FINITION ET DE POLISSAGE A COURROIE ABRASIVE**  
[72] CHEN, QIYUE, CN  
[71] TAIZHOU FEDERAL ROBOT TECHNOLOGY CO., LTD., CN  
[22] 2014-06-27  
[41] 2015-01-02  
[30] CN (CN201310277803.7) 2013-07-02  
[30] CN (CN201410153969.2) 2014-04-17

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[21] **2,855,315**  
[13] A1

[51] **Int.Cl. A61M 27/00 (2006.01) A61B 5/06 (2006.01) A61B 17/00 (2006.01)**  
[25] EN  
[54] **METHOD AND TOOLS FOR IMPLANTED DEVICE**  
[54] **METHODE ET OUTIL DE DISPOSITIF IMPLANTE**  
[72] WILSON, STEPHEN F., US  
[71] DEPUY SYNTHES PRODUCTS, LLC, US  
[22] 2014-06-26  
[41] 2014-12-28  
[30] US (13/929,998) 2013-06-28

[21] **2,855,322**  
[13] A1

[51] **Int.Cl. B27K 3/50 (2006.01) B27K 3/08 (2006.01)**  
[25] EN  
[54] **SINGLE STEP CREOSOTE/BORATE WOOD TREATMENT**  
[54] **TRAITEMENT DU BOIS AU BORATE OU A LA CREOSOTE EN UNE ETAPE**  
[72] MURRAY, GORDON, CA  
[71] STELLA-JONES INC., CA  
[22] 2014-06-27  
[41] 2015-01-03  
[30] US (61/842,625) 2013-07-03  
[30] US (61/843,308) 2013-07-05

[21] **2,855,324**  
[13] A1

[51] **Int.Cl. H01L 21/04 (2006.01) H01L 29/06 (2006.01) H01L 29/36 (2006.01)**  
[25] EN  
[54] **METAL-OXIDE-SEMICONDUCTOR (MOS) DEVICES WITH INCREASED CHANNEL PERIPHERY AND METHODS OF MANUFACTURE**  
[54] **DISPOSITIFS A SEMI-CONDUCTEURS D'OXYDE DE METAL (MOS) AVEC PERIPHERIE DE CANAL ACCRUE ET PROCEDES DE FABRICATION**  
[72] BOLOTNIKOV, ALEXANDER VIKTOROVICH, US  
[72] LOSEE, PETER ALMERN, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2014-06-26  
[41] 2015-01-02  
[30] US (13/934,004) 2013-07-02

[21] **2,855,325**  
[13] A1

[51] **Int.Cl. H01L 21/335 (2006.01) H01L 29/04 (2006.01) H01L 29/24 (2006.01)**  
[25] EN  
[54] **METAL-OXIDE-SEMICONDUCTOR (MOS) DEVICES WITH INCREASED CHANNEL PERIPHERY AND METHODS OF MANUFACTURE**  
[54] **DISPOSITIFS A SEMI-CONDUCTEURS D'OXYDE DE METAL (MOS) AVEC PERIPHERIE DE CANAL ACCRUE ET PROCEDES DE FABRICATION**  
[72] BOLOTNIKOV, ALEXANDER VIKTOROVICH, US  
[72] LOSEE, PETER ALMERN, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2014-06-26  
[41] 2015-01-02  
[30] US (13/934,053) 2013-07-02

[21] **2,855,380**  
[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/042 (2006.01)**  
[25] EN  
[54] **GESTURE DETECTION USING AMBIENT LIGHT SENSORS**  
[54] **DETECTION DE GESTE A PARTIR DE DETECTEURS DE LUMIERE AMBIANTE**  
[72] GERIS, RYAN ALEXANDER, CA  
[72] IDZIK, JACEK, CA  
[72] MANKOWSKI, PETER, CA  
[72] SOSNOWSKI, ADAM, CA  
[72] ZAWADA, KRZYSZTOF, US  
[71] BLACKBERRY LIMITED, CA  
[22] 2014-06-30  
[41] 2015-01-01  
[30] EP (13174561.4) 2013-07-01

[21] **2,855,399**  
[13] A1

[51] **Int.Cl. G03B 43/00 (2006.01) H04N 17/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR IDENTIFICATION OF CONTAMINATION UPON A LENS OF A STEREOSCOPIC CAMERA**  
[54] **PROCEDE DE DETERMINATION DE LA CONTAMINATION SUR LA LENTILLE D'UNE CAMERA STEREOSCOPIQUE**  
[72] CRONA, BJORN, SE  
[71] KAPSCH TRAFFICCOM AB, SE  
[22] 2014-06-26  
[41] 2015-01-03  
[30] EP (13174967.3) 2013-07-03

[21] **2,855,400**  
[13] A1

[51] **Int.Cl. G06T 7/00 (2006.01) G08B 13/196 (2006.01) H04N 7/18 (2006.01)**  
[25] EN  
[54] **SHADOW DETECTION IN A MULTIPLE COLOUR CHANNEL IMAGE**  
[54] **DETECTION DES OMBRES DANS UNE IMAGE A CANAUX MULTICOLORES**  
[72] CRONA, BJORN, SE  
[71] KAPSCH TRAFFICCOM AB, SE  
[22] 2014-06-26  
[41] 2015-01-03  
[30] EP (13174968.1) 2013-07-03

[21] **2,855,404**  
[13] A1

[51] **Int.Cl. B23B 51/04 (2006.01)**  
[25] EN  
[54] **HOLE CUTTER**  
[54] **SCIE EMPORTE-PIECE**  
[72] NOVAK, JOSEPH T., US  
[72] KORB, WILLIAM B., US  
[71] IRWIN INDUSTRIAL TOOL COMPANY, US  
[22] 2014-06-30  
[41] 2015-01-02  
[30] US (61/841,998) 2013-07-02

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[21] **2,855,405**  
[13] A1

[51] **Int.Cl. G01D 5/22 (2006.01)**  
[25] EN  
[54] **A POSITION INDICATOR DEVICE**  
[54] **DISPOSITIF INDICATEUR DE POSITION**

[72] GILL, MICHAEL JOHN, GB  
[72] BIRTWELL, SAMUEL WILLIAM, GB  
[71] GILL CORPORATE LIMITED, GB  
[22] 2014-06-27  
[41] 2015-01-02  
[30] GB (1311856.7) 2013-07-02

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[21] **2,855,406**  
[13] A1

[51] **Int.Cl. G01R 17/12 (2006.01) G01R 27/02 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR ACCURACY IMPROVEMENT IN CURRENT COMPARATORS**  
[54] **PROCEDES ET SYSTEMES AMELIORANT LA PRECISION DANS LES COMPARETEURS DE COURANT**

[72] EVANS, MARK, CA  
[72] PAGE, IAIN, CA  
[72] BARCZYK, TOMASZ, CA  
[72] MIKOLAJEK, KENNETH, CA  
[71] GUIDELINE INSTRUMENTS LIMITED, CA  
[22] 2014-07-02  
[41] 2015-01-02  
[30] US (61/842,184) 2013-07-02

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[21] **2,855,410**  
[13] A1

[51] **Int.Cl. H04B 1/10 (2006.01) H04W 4/02 (2009.01) H04W 16/14 (2009.01) H04W 24/00 (2009.01) H04L 12/28 (2006.01)**  
[25] EN  
[54] **DETECTION OF CABLE NETWORK INTERFERENCE ON WIRELESS NETWORK**  
[54] **DETECTION D'INTERFERENCE DE RESEAU CABLE DANS UN RESEAU SANS FIL**

[72] BERNARD, JEAN-YVES, CA  
[72] HART, GEORGE MAYNARD, CA  
[72] O'LEARY, EDWARD A., CA  
[71] ROGERS COMMUNICATIONS INC., CA  
[22] 2014-07-16  
[41] 2014-12-28  
[30] US (13/930,237) 2013-06-28

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[21] **2,855,419**  
[13] A1

[51] **Int.Cl. B65B 31/04 (2006.01) A47C 31/00 (2006.01) B65B 25/00 (2006.01)**  
[25] EN  
[54] **A METHOD FOR PACKING A MATTRESS SPRING BED**  
[54] **UNE METHODE D'EMBALLAGE D'UN LIT COMPRENANT UN MATELAS A RESSORTS**

[72] LENG, LUHAO, CN  
[72] LI, QIANG, CN  
[71] XIAMEN GRAND-ONE INDUSTRIAL DESIGNS CO., LTD., CN  
[22] 2014-06-26  
[41] 2014-12-28  
[30] CN (201310270029.7) 2013-06-28

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[21] **2,855,437**  
[13] A1

[51] **Int.Cl. E04F 13/21 (2006.01) E04B 1/41 (2006.01)**  
[25] EN  
[54] **VENEER TIE AND WALL ANCHORING SYSTEMS WITH IN-CAVITY CERAMIC AND CERAMIC-BASED THERMAL BREAKS**  
[54] **ATTACHE DE PLACAGE ET SYSTEMES D'ANCRAGE MURAL AVEC ISOLANTS THERMIQUES EN CERAMIQUE ET A BASE DE CERAMIQUE SITUES DANS DES CAVITES**

[72] HOHMANN, RONALD P., JR., US  
[71] MITEK HOLDINGS, INC., US  
[22] 2014-07-02  
[41] 2015-01-03  
[30] US (13/935,142) 2013-07-03

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[13] A1

[51] **Int.Cl. A61B 8/08 (2006.01) G06T 7/00 (2006.01)**  
[25] EN  
[54] **TISSUE DISPLACEMENT ESTIMATION BY ULTRASOUND SPECKLE TRACKING**  
[54] **ESTIMATION DE DEPLACEMENT DE TISSUS PAR SUIVI DE CHATOIEMENT ULTRASON**

[72] STEGMAN, KELLY J., CA  
[72] DECHEV, NIKOLAI, CA  
[72] DJURICKOVIC, SLOBODAN, CA  
[71] UVIC INDUSTRY PARTNERSHIPS INC., CA  
[22] 2014-06-27  
[41] 2014-12-28  
[30] US (61/841,156) 2013-06-28

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[21] **2,855,448**  
[13] A1

[51] **Int.Cl. B65D 88/42 (2006.01)**  
[25] EN  
[54] **FLOATING ROOF TANK HAVING SUPPORT STRUCTURES FOR PROTECTING THE PERIPHERAL SEAL**  
[54] **RESERVOIR DE TOIT FLOTTANT COMPORTANT DES STRUCTURES DE SUPPORT POUR LA PROTECTION DU JOINT PERIPHERIQUE**

[72] ELLIS, STANLEY W., US  
[71] VERTICAL TANK, INC., US  
[22] 2014-07-02  
[41] 2015-01-01  
[30] US (61/841,899) 2013-07-01  
[30] US (14/282,799) 2014-05-20

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[21] **2,855,452**  
[13] A1

[51] **Int.Cl. G02B 7/02 (2006.01) B60R 1/00 (2006.01) G02B 25/00 (2006.01)**  
[25] EN  
[54] **MAGNIFICATION VIEWER LENS**  
[54] **LENTILLES GROSSISSANTES**

[72] MITCHELL, CLEVELAND DARRELL, US  
[71] MITCHELL, CLEVELAND DARRELL, US  
[22] 2014-07-02  
[41] 2015-01-01  
[30] US (61/841,680) 2013-07-01  
[30] US (14/320,928) 2014-07-01

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[21] **2,855,456**  
[13] A1

[51] **Int.Cl. E03B 9/02 (2006.01) F16K 35/00 (2006.01)**  
[25] EN  
[54] **HYDRANT ENCLOSURE WITH INTEGRAL FAUCET**  
[54] **ENCEINTE DE BORNE-FONTAINE DOTEE DE ROBINET INTEGRE**  
[72] BALL, WILLIAM T., US  
[72] PILARCZYK, ERIC, US  
[71] WCM INDUSTRIES, INC., US  
[22] 2014-06-30  
[41] 2015-01-01  
[30] US (61/841,597) 2013-07-01  
[30] US (14/317,627) 2014-06-27

[21] **2,855,463**  
[13] A1

[51] **Int.Cl. E04F 13/21 (2006.01)**  
[25] EN  
[54] **PULLOUT RESISTANT SWING INSTALLATION TIE AND ANCHORING SYSTEM UTILIZING THE SAME**  
[54] **ATTACHE D'INSTALLATION A ROTATION ANTI-ARRACHEMENT ET SYSTEME D'ANCRAGE UTILISANT CELLE-CI**  
[72] HOHMANN, RONALD P., JR., US  
[71] MITEK HOLDINGS, INC., US  
[22] 2014-07-02  
[41] 2015-01-03  
[30] US (13/935,173) 2013-07-03

[21] **2,855,464**  
[13] A1

[51] **Int.Cl. H02K 3/40 (2006.01) H02K 3/04 (2006.01)**  
[25] EN  
[54] **END WINDING CORONA PROTECTION**  
[54] **DISPOSITIF ANTI-EFFLUVES POUR TETE DE BOBINE**  
[72] KOEPFLER, ANDREAS, DE  
[72] POUX, JEREMY, CH  
[72] LUGAND, THOMAS, CH  
[71] ALSTOM RENEWABLE TECHNOLOGIES, FR  
[22] 2014-07-02  
[41] 2015-01-03  
[30] EP (13174846.9) 2013-07-03

[21] **2,855,465**  
[13] A1

[51] **Int.Cl. B65D 33/28 (2006.01) B65F 1/06 (2006.01)**  
[25] EN  
[54] **DRAWSTRING BAG**  
[54] **SAC FERME PAR CORDONNET**  
[72] RUDD, DAVID, US  
[72] CRON, DAVID, US  
[72] FINNEGAN, MICHAEL J., US  
[71] AEP INDUSTRIES INC., US  
[22] 2014-07-02  
[41] 2015-01-03  
[30] US (61/842,728) 2013-07-03

[21] **2,855,466**  
[13] A1

[51] **Int.Cl. A63B 23/04 (2006.01) A63B 21/00 (2006.01) A63B 23/02 (2006.01)**  
[25] EN  
[54] **EXERCISE DEVICE**  
[54] **DISPOSITIF D'EXERCICE PHYSIQUE**  
[72] HENNIGER, WILLIAM, US  
[71] HENNIGER, WILLIAM, US  
[22] 2014-07-02  
[41] 2015-01-03  
[30] US (61/842,438) 2013-07-03  
[30] US (14/319,663) 2014-06-30

[21] **2,855,467**  
[13] A1

[51] **Int.Cl. A23K 1/16 (2006.01) A23D 7/02 (2006.01) A23D 9/02 (2006.01) C11B 3/06 (2006.01)**  
[25] EN  
[54] **PARTIAL NEUTRALIZATION OF FREE FATTY ACID MIXTURES WITH POTASSIUM, LIVESTOCK FEED COMPOSITIONS INCLUDING THEM, AND METHODS OF MAKING SAME**  
[54] **NEUTRALISATION PARTIELLE DE MELANGES D'ACIDES GRAS LIBRES AVEC DU POTASSIUM, COMPOSITIONS D'ALIMENTS POUR BETAIL LES COMPORTANT, ET LEURS PROCEDES DE FABRICATION**  
[72] SODERHOLM, CHARLES GORDON, US  
[72] YOUNKER, ROBERT STEPHEN, US  
[72] ALBRECHT, JACOB JOHN, US  
[72] WELLS, GEORGE EDWARD, US  
[71] MILK SPECIALTIES GLOBAL, US  
[22] 2014-07-02  
[41] 2015-01-02  
[30] US (61/842,147) 2013-07-02

[21] **2,855,468**  
[13] A1

[51] **Int.Cl. E05B 17/20 (2006.01) E05B 63/00 (2006.01)**  
[25] EN  
[54] **DEADBOLT LOCK ASSEMBLY**  
[54] **ENSEMBLE VERROU A PENE DORMANT**  
[72] HUANG, TSUNG-CHUNG, TW  
[71] TONG LUNG METAL INDUSTRY CO., LTD., TW  
[22] 2014-07-02  
[41] 2015-01-03  
[30] TW (102212464) 2013-07-03

[21] **2,855,474**  
[13] A1

[51] **Int.Cl. B62D 25/02 (2006.01) B62D 25/00 (2006.01) B62D 63/04 (2006.01) B62D 65/02 (2006.01)**  
[25] EN  
[54] **WALL PANEL FOR RECREATIONAL VEHICLE**  
[54] **PANNEAU MURAL POUR VEHICULE RECREATIF**  
[72] DAME, DENNIS, US  
[72] CHASE, JEFFREY, US  
[71] COMPOSITE SOLUTIONS, INC., US  
[22] 2014-06-30  
[41] 2015-01-01  
[30] US (61/841,792) 2013-07-01  
[30] US (14/318,296) 2014-06-27

[21] **2,855,476**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR A SWEEPSTAKES PLATFORM**  
[54] **PROCEDES ET SYSTEMES POUR UNE PLATEFORME DE SWEEPSTAKE**  
[72] SKOLER, FREDERICK W., US  
[72] HUSSAIN, KAZIM, US  
[72] DHANDAPANI, CHANDRASHEKAR, US  
[72] CHANDRASEKARAN, SUNDARESAN, US  
[72] SARVAREDDY, SRAVYA, US  
[71] SEARS BRANDS, LLC, US  
[22] 2014-07-02  
[41] 2015-01-02  
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[21] **2,855,646**  
[13] A1

[51] **Int.Cl. B60D 1/01 (2006.01) B60D 1/06 (2006.01) B60D 1/48 (2006.01) B60D 1/58 (2006.01)**

[25] EN

[54] **HITCH COUPLER RECEIVING APPARATUS**

[54] **DISPOSITIF DE RECEPTION D'ATTACHE D'ATTELAGE**

[72] WOOLF, WILLIAM DAVID, US

[71] TELESWIVEL, LLC, US

[22] 2014-07-02

[41] 2015-01-02

[30] US (61/842.159) 2013-07-02

[30] US (14/317.890) 2014-06-27

[21] **2,855,735**  
[13] A1

[51] **Int.Cl. F21V 21/03 (2006.01) F21V 17/08 (2006.01) F21V 33/00 (2006.01)**

[25] EN

[54] **UNIVERSAL LED LIGHT KIT**

[54] **NECESSAIRE DE LAMPE A DEL UNIVERSEL**

[72] KENG, JAMES, US

[72] MADDEN, JAMES, US

[72] NGUYEN, HUAN C., US

[71] CORDELIA LIGHTING INC., US

[22] 2014-07-03

[41] 2015-01-03

[30] US (61/842919) 2013-07-03

[30] US (14/322820) 2014-07-02

[21] **2,868,955**  
[13] A1

[51] **Int.Cl. G09F 7/18 (2006.01) A47F 7/14 (2006.01) E01F 9/012 (2006.01) F16M 11/00 (2006.01)**

[25] EN

[54] **SIGN STANCHION**

[54] **MONTANT POUR PANNEAU INDICATEUR**

[72] PEOTA, ROBERT D., US

[72] LOGAN, ROBERT G., US

[71] TARGET BRANDS, INC., US

[22] 2014-10-27

[41] 2014-12-30

[30] US (14/463,840) 2014-08-20

[21] **2,855,655**  
[13] A1

[51] **Int.Cl. E04H 9/10 (2006.01) E02D 27/00 (2006.01) E02D 29/05 (2006.01) E04H 9/12 (2006.01) E21D 9/00 (2006.01)**

[25] EN

[54] **PYRAMID-SPHERE BUNKER SYSTEM**

[54] **SYSTEME DE BUNKER A SPHERE PYRAMIDALE**

[72] SMITH, RIXFORD, CA

[71] SMITH, RIXFORD, CA

[22] 2014-07-03

[41] 2015-01-03

[30] US (61/842,485) 2013-07-03

[21] **2,868,338**  
[13] A1

[51] **Int.Cl. F02M 21/02 (2006.01) F02D 19/02 (2006.01) F02D 19/10 (2006.01) F02D 41/38 (2006.01) F02M 43/00 (2006.01) F02M 43/04 (2006.01) F17C 13/00 (2006.01)**

[25] EN

[54] **GASEOUS FUEL VENT HANDLING APPARATUS AND METHOD**

[54] **APPAREIL ET METHODE DE TRAITEMENT DE SORTIE DE COMBUSTIBLE GAZEUX**

[72] OVERSBY, KEVIN K., CA

[71] WESTPORT POWER INC., CA

[22] 2014-10-23

[41] 2014-12-29

[21] **2,868,961**  
[13] A1

[51] **Int.Cl. A47B 61/00 (2006.01) A47B 67/00 (2006.01) A47B 81/00 (2006.01) A47G 1/00 (2006.01) A47G 25/00 (2006.01)**

[25] EN

[54] **OVER-THE-DOOR STORAGE ARMOIRE**

[54] **ARMOIRE DE RANGEMENT INSTALLEE AU-DESSUS D'UNE PORTE**

[72] WITTENBERG, KATHERINE R., US

[72] WRAY, SARAH E., US

[72] HINKLEY, JORDAN A., US

[72] KERL, BRADLEY S., US

[72] THOMPSON, JASON A., US

[71] TARGET BRANDS, INC., US

[22] 2014-10-27

[41] 2014-12-30

[30] US (14/456,414) 2014-08-11

[21] **2,855,670**  
[13] A1

[51] **Int.Cl. F01D 9/04 (2006.01)**

[25] EN

[54] **STATOR BLADE SECTOR FOR AN AXIAL TURBOMACHINE WITH A DUAL MEANS OF FIXING**

[54] **SECTEUR D'AUBES DE STATOR POUR UNE TURBOMACHINE AXIALE COMPORTANT UN DOUBLE MOYEN DE FIXATION**

[72] CORTEQUISSE, JEAN-FRANCOIS, BE

[71] TECHSPACE AERO S.A., BE

[22] 2014-07-02

[41] 2015-01-03

[30] EP (13174893.1) 2013-07-03

[21] **2,868,488**  
[13] A1

[51] **Int.Cl. A47G 9/00 (2006.01) A47C 16/00 (2006.01) A47G 9/02 (2006.01) A47G 9/10 (2006.01) A61F 7/08 (2006.01)**

[25] EN

[54] **AIR-ACTIVATED HEATED TRAVEL PILLOWS AND TRAVEL BLANKETS**

[54] **OREILLERS DE VOYAGE ET COUVERTURES DE VOYAGE CHAUFFES A L'AIR**

[72] ROSS, PAUL HOWARD, US

[72] RUBENSTEIN, SCOTT, US

[71] E&B GIFTWARE LLC, US

[22] 2014-10-20

[41] 2014-12-31

[30] US (61/951,182) 2014-03-11

[30] US (14/508,628) 2014-10-07

[21] **2,869,485**  
[13] A1

[51] **Int.Cl. B61K 3/00 (2006.01) E01B 19/00 (2006.01)**

[25] EN

[54] **TOP OF RAIL RESILIENT BAR**

[54] **BARRE ELASTIQUE DE DESSUS DE RAIL**

[72] APPLEBY, GLEN, CA

[72] REDFIELD, MATTHEW P., US

[72] PETRIE, CHARLES A., US

[72] SCHNORR, CHARLES, US

[71] L.B. FOSTER RAIL TECHNOLOGIES, INC., US

[22] 2014-10-31

[41] 2015-01-02

[30] US (14/075,829) 2013-11-08

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[13] A1  
[51] **Int.Cl. C12N 5/0783 (2010.01) A61K 39/00 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **PROCESS OF EXPANDING T CELLS**  
[54] **PROCEDE DE PROPAGATION DE CELLULES T**  
[72] ROONEY, CLIONA M., US  
[72] LEEN, ANN M., US  
[72] VERA, JUAN F., US  
[72] NGO, MINHTRAN V., US  
[72] KNAUS, RAINER LUDWIG, GB  
[71] CELL MEDICA LIMITED, GB  
[71] BAYLOR COLLEGE OF MEDICINE, US  
[85] 2014-08-01  
[86] 2012-04-23 (PCT/GB2012/050896)  
[87] (WO2013/088114)

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[21] **2,864,404**  
[13] A1  
[51] **Int.Cl. B65D 85/804 (2006.01)**  
[25] EN  
[54] **CUP-SHAPED BODY FOR A CAPSULE FOR PREPARING A BEVERAGE**  
[54] **CORPS EN FORME DE COUPELLE DESTINE A UNE CAPSULE POUR LA PREPARATION D'UNE BOISSON**  
[72] KAMERBEEK, RALF, NL  
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL  
[85] 2014-08-12  
[86] 2013-02-13 (PCT/NL2013/050083)  
[87] (WO2013/122460)  
[30] NL (2008281) 2012-02-13

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[21] **2,865,059**  
[13] A1  
[51] **Int.Cl. B65D 73/00 (2006.01)**  
[25] EN  
[54] **UNITIZED PACKAGE AND METHOD OF MAKING SAME**  
[54] **EMBALLAGE UNITAIRE ET PROCEDE DE FABRICATION**  
[72] GREENLAND, STEVEN J., US  
[71] AKI, INC., US  
[85] 2014-08-19  
[86] 2013-02-22 (PCT/US2013/027210)  
[87] (WO2013/126621)  
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[13] A1  
[51] **Int.Cl. G01V 5/06 (2006.01) G01V 13/00 (2006.01)**  
[25] EN  
[54] **MUTIPLE GAMMA CONTROLLER ASSEMBLY**  
[54] **ENSEMBLE DE CONTROLEUR GAMMA MULTIPLE**  
[72] MILLER, KENNETH, US  
[72] ERDOS, ABRAHAM, US  
[72] ERDOS, DAVID, US  
[72] MATHIESON, JAMES, US  
[72] CARTER, JOSHUA, US  
[71] REME TECHNOLOGIES, LLC, US  
[85] 2014-11-12  
[86] 2014-02-06 (PCT/US2014/015155)  
[87] (2868309)  
[30] US (61/835,188) 2013-06-14  
[30] US (61/886,509) 2013-10-03

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[21] **2,871,564**  
[13] A1  
[51] **Int.Cl. G01V 13/00 (2006.01)**  
[25] EN  
[54] **GAMMA PROBE HEALTH DETECTION ASSEMBLY**  
[54] **ENSEMBLE DE DETECTION DE SANTE DE SONDE A RAYONS GAMMA**  
[72] MILLER, KENNETH, US  
[72] ERDOS, ABRAHAM, US  
[72] ERDOS, DAVID, US  
[72] MATHIESON, JAMES, US  
[72] CARTER, JOSHUA, US  
[71] REME TECHNOLOGIES, LLC, US  
[85] 2014-11-13  
[86] 2014-06-13 (PCT/US2014/042421)  
[87] (2871564)  
[30] US (61/835,188) 2013-06-14  
[30] US (61/886,509) 2013-10-03  
[30] US (14/174,700) 2014-02-06  
[30] US (61/976,347) 2014-04-07

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[21] **2,871,573**  
[13] A1  
[51] **Int.Cl. H02S 40/44 (2014.01) H01L 33/16 (2010.01) H02S 20/32 (2014.01) H02S 40/32 (2014.01)**  
[25] EN  
[54] **HYBRID SOLAR GENERATOR**  
[54] **GENERATEUR SOLAIRE HYBRIDE**  
[72] TIANO, FRANCESCO ANTONIO, IT  
[72] TIANO, LUCA, IT  
[72] TIANO, ANTONIO, IT  
[72] BUKSHTYNAVA, AKSANA, IT  
[71] WITS ENGINEERING S.R.L., IT  
[71] TIANO, FRANCESCO ANTONIO, IT  
[71] TIANO, LUCA, IT  
[85] 2014-10-24  
[86] 2013-04-24 (PCT/IT2013/000121)  
[87] (WO2013/160925)  
[30] IT (N.NA 2012 A 000019) 2012-04-26

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[13] A1

[51] **Int.Cl. F28F 9/18 (2006.01) B01J 8/00 (2006.01) B23K 31/02 (2006.01) F28F 19/06 (2006.01) C07C 273/04 (2006.01)**

[25] EN

[54] **METHOD OF MANUFACTURING A TUBE SHEET AND HEAT EXCHANGER ASSEMBLY FOR A POOL REACTOR OR POOL CONDENSER ; CORRESPONDING TUBE SHEET AND HEAT EXCHANGER ASSEMBLY**

[54] **PROCEDE DE FABRICATION D'UNE PLAQUE ALVEOLEE ET D'UN ENSEMBLE D'ECHANGEUR THERMIQUE DESTINE A UN REACTEUR PISCINE OU UN CONDENSEUR PISCINE**

[72] SCHEERDER, ALEXANDER ALEIDA ANTONIUS, NL

[71] STAMICARBON B.V., NL

[85] 2014-10-28

[86] 2013-05-02 (PCT/NL2013/050331)

[87] (WO2013/165247)

[30] EP (12166584.8) 2012-05-03

[21] **2,872,068**  
[13] A1

[51] **Int.Cl. E05B 85/26 (2014.01) E05B 83/36 (2014.01)**

[25] EN

[54] **LOCK FOR A FLAP OR DOOR**

[54] **SERRURE POUR UNE TRAPPE OU UNE PORTE**

[72] SCHOLZ, MICHAEL, DE

[72] HANDKE, ARMIN, DE

[71] KIEKERT AKTIENGESELLSCHAFT, DE

[85] 2014-10-30

[86] 2013-04-18 (PCT/DE2013/000201)

[87] (WO2013/163974)

[30] DE (10 2012 207 441.4) 2012-05-04

[21] **2,872,069**  
[13] A1

[51] **Int.Cl. E05B 85/26 (2014.01) E05B 83/36 (2014.01)**

[25] EN

[54] **LOCK FOR A FLAP OR DOOR**

[54] **SERRURE POUR UNE TRAPPE OU UNE PORTE**

[72] SCHOLZ, MICHAEL, DE

[72] HANDKE, ARMIN, DE

[72] HERRMANN, MICHAEL, DE

[72] BARTH, KARSTEN, DE

[71] KIEKERT AKTIENGESELLSCHAFT, DE

[85] 2014-10-30

[86] 2013-05-02 (PCT/DE2013/000243)

[87] (WO2013/163980)

[30] DE (10 2012 207 440.6) 2012-05-04

[21] **2,872,070**  
[13] A1

[51] **Int.Cl. E05B 85/26 (2014.01) E05B 83/36 (2014.01)**

[25] EN

[54] **LOCK FOR A FLAP OR DOOR**

[54] **SERRURE POUR UNE TRAPPE OU UNE PORTE**

[72] BENDEL, THORSTEN, DE

[72] HANDKE, ARMIN, DE

[72] SOHLBACH, ANDREAS, DE

[72] OCHTROP, MATTHIAS, DE

[71] KIEKERT AKTIENGESELLSCHAFT, DE

[85] 2014-10-30

[86] 2013-05-02 (PCT/DE2013/000244)

[87] (WO2013/163981)

[30] DE (10 2012 207 443.0) 2012-05-04

[21] **2,872,071**  
[13] A1

[51] **Int.Cl. E05B 85/26 (2014.01) E05B 83/36 (2014.01)**

[25] EN

[54] **LOCK FOR A FLAP OR DOOR**

[54] **SERRURE POUR UNE TRAPPE OU UNE PORTE**

[72] BENDEL, THORSTEN, DE

[72] HANDKE, ARMIN, DE

[72] HERRMANN, MICHAEL, DE

[72] OCHTROP, MATTHIAS, DE

[71] KIEKERT AKTIENGESELLSCHAFT, DE

[85] 2014-10-30

[86] 2013-05-02 (PCT/DE2013/000245)

[87] (WO2013/163982)

[30] DE (10 2012 207 442.2) 2012-05-04

[21] **2,872,163**  
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01) G06F 17/10 (2006.01)**

[25] EN

[54] **ASYMMETRICAL MULTILATERAL DECISION SUPPORT SYSTEM**

[54] **SYSTEME D'AIDE A LA DECISION MULTILATERAL ASYMETRIQUE**

[72] DESPAIN, ERIN C., US

[71] DESPAIN, ERIN C., US

[85] 2014-11-17

[86] 2013-05-27 (PCT/US2013/042787)

[87] (2872163)

[21] **2,872,167**  
[13] A1

[51] **Int.Cl. C09K 17/48 (2006.01) C04B 28/00 (2006.01)**

[25] EN

[54] **METHOD OF SOIL STABILIZATION USING FIBERS**

[54] **PROCEDE DE STABILISATION DE SOLS AU MOYEN DE FIBRES**

[72] SHVARZMAN, ASIA, CA

[71] ACM TECHNOLOGIES INC., CA

[85] 2014-12-08

[86] 2014-06-27 (PCT/CA2014/050617)

[87] (2872167)

[30] US (61/840,734) 2013-06-28

[21] **2,872,441**  
[13] A1

[51] **Int.Cl. F16B 39/28 (2006.01) F16B 37/00 (2006.01)**

[25] EN

[54] **LOCKNUT WITH CAGE**

[54] **CONTRE-ECROU A CAGE**

[72] CAMPAU, DANIEL N., US

[71] LOCKON LLC, US

[85] 2014-11-24

[86] 2014-04-01 (PCT/US2014/032441)

[87] (2872441)

[30] US (13/907,383) 2013-05-31

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12P 19/34 (2006.01)**  
[25] EN  
[54] **ION TORRENT GENOMIC SEQUENCING**  
[54] **SEQUENCAGE GENOMIQUE ION TORRENT**  
[72] DAUM, LUKE T., US  
[72] FISCHER, GERALD W., US  
[71] LONGHORN VACCINES AND DIAGNOSTICS, LLC, US  
[85] 2014-10-31  
[86] 2013-05-09 (PCT/US2013/040302)  
[87] (WO2013/169998)  
[30] US (61/644,876) 2012-05-09  
[30] US (61/646,060) 2012-05-11  
[30] US (61/695,960) 2012-08-31  
[30] US (61/737,250) 2012-12-14

[21] **2,875,176**  
[13] A1

[51] **Int.Cl. C08G 18/40 (2006.01) C08G 18/42 (2006.01) C08G 18/48 (2006.01) C08G 18/76 (2006.01)**  
[25] EN  
[54] **PRODUCING RIGID POLYURETHANE FOAMS**  
[54] **PROCEDE DE PRODUCTION DE MOUSSES DE POLYURETHANE DURES**  
[72] FABISIAK, ROLAND, DE  
[72] KAMPF, GUNNAR, DE  
[72] SCHON, LARS, DE  
[72] JACOBMEIER, OLAF, DE  
[71] BASF SE, DE  
[85] 2014-11-28  
[86] 2013-05-29 (PCT/EP2013/061022)  
[87] (WO2013/178657)  
[30] EP (12169980.5) 2012-05-30

[21] **2,875,244**  
[13] A1

[51] **Int.Cl. C08G 18/28 (2006.01) C08J 9/00 (2006.01) C08L 75/04 (2006.01)**  
[25] EN  
[54] **LOW-DENSITY FOAM AND FOAM-BASED OBJECTS**  
[54] **MOUSSE DE FAIBLE DENSITE ET OBJETS A BASE DE MOUSSE**  
[72] SIMONSEN, IVAN SIMON, DK  
[71] TEMPUR-PEDIC MANAGEMENT, LLC, US  
[85] 2014-07-25  
[86] 2012-01-27 (PCT/US2012/022893)  
[87] (WO2013/112176)

[21] **2,875,246**  
[13] A1

[51] **Int.Cl. A61K 38/02 (2006.01) A61K 38/36 (2006.01) A61P 7/02 (2006.01)**  
[25] EN  
[54] **PROCOAGULANT COMPOUNDS COMPOSES PRO-COAGULANTS**  
[72] HONG, VU PHONG, US  
[72] MEZO, ADAM R., US  
[72] SALAS, JOE, US  
[72] PETERS, ROBERT, US  
[71] BIOGEN IDEC MA INC., US  
[85] 2014-11-27  
[86] 2013-06-07 (PCT/US2013/044841)  
[87] (WO2013/185113)  
[30] US (61/657,688) 2012-06-08  
[30] US (61/800,626) 2013-03-15

[21] **2,875,247**  
[13] A1

[51] **Int.Cl. A61K 38/36 (2006.01) A61P 7/02 (2006.01)**  
[25] EN  
[54] **CHIMERIC CLOTTING FACTORS**  
[54] **FACTEURS DE COAGULATION CHIMERIQUES**  
[72] SALAS, JOE, US  
[72] KISTANOVA, ELENA, US  
[72] HONG, VU PHONG, US  
[72] MEZO, ADAM R., US  
[72] PETERS, ROBERT, US  
[71] BIOGEN IDEC MA INC., US  
[85] 2014-11-27  
[86] 2013-06-07 (PCT/US2013/044842)  
[87] (WO2013/185114)  
[30] US (61/657,685) 2012-06-08  
[30] US (61/759,817) 2013-02-01  
[30] US (61/801,603) 2013-03-15  
[30] US (61/829,775) 2013-05-31

[21] **2,875,249**  
[13] A1

[51] **Int.Cl. F16K 37/00 (2006.01) E02F 9/26 (2006.01) F15B 13/08 (2006.01) F15B 19/00 (2006.01)**  
[25] EN  
[54] **VALVE IDENTIFICATION SYSTEM**  
[54] **SYSTEME D'IDENTIFICATION DE SOUPAPES**  
[72] VASICHEK, SHAWN R., US  
[71] CLARK EQUIPMENT COMPANY, US  
[85] 2014-11-27  
[86] 2013-12-10 (PCT/US2013/074118)  
[87] (WO2014/158249)  
[30] US (13/830,650) 2013-03-14

[21] **2,875,250**  
[13] A1

[51] **Int.Cl. F16H 61/423 (2010.01)**  
[25] EN  
[54] **CONTROL SYSTEM FOR VARIABLE DISPLACEMENT HYDRAULIC MOTOR**  
[54] **SYSTEME DE COMMANDE POUR MOTEUR HYDRAULIQUE A DEPLACEMENT VARIABLE**  
[72] HARMS, JEREMY AARON, US  
[72] KRIEGER, DANIEL JAMES, US  
[71] CLARK EQUIPMENT COMPANY, US  
[85] 2014-11-27  
[86] 2013-12-10 (PCT/US2013/074131)  
[87] (WO2014/143249)  
[30] US (13/830,904) 2013-03-14

[21] **2,875,255**  
[13] A1

[51] **Int.Cl. H04L 12/24 (2006.01) H04L 9/32 (2006.01)**  
[25] EN  
[54] **POLICY SERVICE AUTHORIZATION AND AUTHENTICATION**  
[54] **AUTORISATION ET AUTHENTIFICATION PAR UN SERVICE DE POLITIQUES**  
[72] ERB, JEREMY, CA  
[71] NETSWEEPER (BARBADOS) INC., BB  
[85] 2014-11-27  
[86] 2013-05-31 (PCT/CA2013/000535)  
[87] (WO2013/177687)  
[30] US (61/653,700) 2012-05-31  
[30] US (61/655,179) 2012-06-04

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[51] **Int.Cl. C01C 1/02 (2006.01) C01B 3/02 (2006.01) C01B 3/56 (2006.01) C01B 21/04 (2006.01)**

[25] EN

[54] **METHOD FOR PURIFICATION OF AMMONIA, MIXTURES OF NITROGEN AND HYDROGEN, OR NITROGEN, HYDROGEN AND AMMONIA**

[54] **PROCEDE DE PURIFICATION D'AMMONIAC, DE MELANGES D'AZOTE ET D'HYDROGENE, OU D'AZOTE, D'HYDROGENE ET D'AMMONIAC**

[72] MACULEWICZ, SLAWOMIR ANDRZEJ, PL

[72] RAROG-PILECKA, WIOLETTA, PL

[72] PODSIADLO, SLAWOMIR, PL

[72] LENKIEWICZ, DARIUSZ, PL

[71] MACULEWICZ, SLAWOMIR ANDRZEJ, PL

[71] POLITECHNIKA WARSZAWSKA, PL

[85] 2014-11-28

[86] 2013-06-07 (PCT/PL2013/000075)

[87] (WO2013/184012)

[30] PL (PL399466) 2012-06-08

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[13] A1

[51] **Int.Cl. B23D 35/00 (2006.01) E02F 3/96 (2006.01) E02F 9/28 (2006.01)**

[25] EN

[54] **INTERLOCKING TIP FOR DEMOLITION AND CONSTRUCTION EQUIPMENT**

[54] **POINTE A INTERVERROUILLAGE POUR DU MATERIEL DE DEMOLITION ET DE CONSTRUCTION**

[72] RAMUN, JOHN R., US

[71] RAMUN, JOHN R., US

[85] 2014-11-28

[86] 2013-05-07 (PCT/US2013/039891)

[87] (WO2013/188020)

[30] US (13/493,166) 2012-06-11

[21] **2,875,268**  
[13] A1

[51] **Int.Cl. H04N 21/2543 (2011.01) H04N 21/442 (2011.01) G06Q 30/06 (2012.01) G06Q 20/00 (2012.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR VIEWING MOVIES**

[54] **PROCEDE ET SYSTEME POUR VISUALISER DES FILMS**

[72] ATKIN, CIHAN, US

[71] ATKIN, CIHAN, US

[85] 2014-11-28

[86] 2013-05-14 (PCT/US2013/040860)

[87] (WO2013/173272)

[30] US (61/646,428) 2012-05-14

[21] **2,875,280**  
[13] A1

[51] **Int.Cl. F17D 1/17 (2006.01)**

[25] EN

[54] **COMPOSITION AND METHOD FOR REDUCING HYDROCARBON FRICTION AND DRAG IN PIPELINE FLOW**

[54] **COMPOSITION ET PROCEDE POUR LA REDUCTION DU FROTTEMENT ET DE LA TRAINÉE D'HYDROCARBURES DANS UN ECOULEMENT DE CONDUITE**

[72] FAN, LIANG-TSENG, US

[72] SHAFIE, MOHAMMAD REZA, US

[71] GREEN SOURCE ENERGY, US

[85] 2014-11-28

[86] 2013-05-21 (PCT/US2013/042028)

[87] (WO2013/181023)

[30] US (61/653,088) 2012-05-30

[21] **2,875,281**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**

[25] EN

[54] **METHODS OF DETECTING SINGLE NUCLEOTIDE POLYMORPHISMS AT CODON 600 OF HUMAN BRAF**

[54] **METHODE DE CONCEPTION D'AMORCES, METHODE DE DETECTION DE POLYMORPHISMES MONONUCLEOTIDIQUES (SNP), METHODE DE DISTINCTION DES SNP, ET AMORCES ASSOCIEES, OLIGONUCLEOTIDES DETECTABLE, ET KITS**

[72] HUANG, SHIHAI X., US

[72] SU, HONG, US

[72] ERICKSON, BRIAN J., US

[71] ABBOTT MOLECULAR, INC., US

[85] 2014-11-28

[86] 2013-05-28 (PCT/US2013/042817)

[87] (WO2013/181125)

[30] US (61/652,827) 2012-05-29

[30] US (13/840,142) 2013-03-15

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[13] A1

[51] **Int.Cl. A61K 8/97 (2006.01) A61Q 5/00 (2006.01) A61Q 5/02 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR ENHANCING THE STRUCTURE OF HAIR FIBERS**

[54] **COMPOSITIONS ET PROCEDES POUR AMELIORER LA STRUCTURE DE FIBRES CAPILLAIRES**

[72] XAVIER, JEAN HARRY, US

[72] HAWKINS, GEOFFREY, US

[72] ORR, CINDY L., US

[71] ELC MANAGEMENT LLC, US

[85] 2014-11-28

[86] 2013-05-29 (PCT/US2013/043059)

[87] (WO2013/184463)

[30] US (13/487,526) 2012-06-04

[30] US (13/633,950) 2012-10-03

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[13] A1

[51] **Int.Cl. H04W 48/16 (2009.01) H04W 4/00 (2009.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR WIRELESSLY MODIFYING DETECTION CHARACTERISTICS OF PORTABLE DEVICES**  
[54] **SYSTEMES ET PROCEDES POUR MODIFIER DE MANIERE SANS FIL DES CARACTERISTIQUES DE DETECTION DE DISPOSITIFS PORTABLES**  
[72] JAIN, ANAND, US  
[72] STAVROPOULOS, JOHN, US  
[72] NEUHAUSER, ALAN, US  
[72] LYNCH, WENDELL, US  
[72] KUZNETSOV, VLADIMIR, US  
[72] CRYSTAL, JACK, US  
[72] GISH, DAVID, US  
[71] THE NIELSEN COMPANY (US), LLC, US  
[85] 2014-11-28  
[86] 2013-07-02 (PCT/US2013/049120)  
[87] (WO2014/065903)  
[30] US (13/657,380) 2012-10-22

[21] **2,875,289**  
[13] A1

[51] **Int.Cl. H04N 21/435 (2011.01) H04N 21/45 (2011.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR IDENTIFYING MEDIA**  
[54] **PROCEDES ET APPAREIL POUR IDENTIFIER DES ELEMENTS MULTIMEDIAS**  
[72] SRINIVASAN, VENUGOPAL, US  
[72] TOPCHY, ALEXANDER, US  
[71] THE NIELSEN COMPANY (US), LLC, US  
[85] 2014-11-28  
[86] 2013-09-12 (PCT/US2013/059497)  
[87] (WO2014/052028)  
[30] US (13/627,495) 2012-09-26

[21] **2,875,314**  
[13] A1

[51] **Int.Cl. G01S 17/95 (2006.01) G01S 7/491 (2006.01) G01S 17/32 (2006.01) H01L 23/38 (2006.01) H01S 5/022 (2006.01) H01S 5/024 (2006.01) H01S 5/34 (2006.01)**  
[25] EN  
[54] **HETERODYNE DETECTION SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE DETECTION HETERODYNE**  
[72] WEIDMANN, DAMIEN, GB  
[71] ITI SCOTLAND LIMITED, GB  
[85] 2014-08-21  
[86] 2013-02-22 (PCT/GB2013/050448)  
[87] (WO2013/124678)  
[30] GB (1203042.5) 2012-02-22

[21] **2,875,320**  
[13] A1

[51] **Int.Cl. A01B 1/18 (2006.01)**  
[25] EN  
[54] **GARDEN TOOL**  
[54] **OUTIL DE JARDIN**  
[72] WYLES, JEFF, CA  
[71] WYLES, JEFF, CA  
[85] 2014-12-15  
[86] 2012-06-26 (PCT/CA2012/050424)  
[87] (WO2014/000080)

[21] **2,875,322**  
[13] A1

[51] **Int.Cl. B62B 3/18 (2006.01) B07C 7/02 (2006.01) B62B 3/00 (2006.01) B62B 3/16 (2006.01) B62B 5/00 (2006.01) B65D 19/42 (2006.01) B65D 21/02 (2006.01) B65G 1/07 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR STORING A PLURALITY OF OBJECTS SUCH AS TRAYS**  
[54] **APPAREIL POUR LE STOCKAGE D'UNE PLURALITE D'OBJETS TELS QUE DES PLATEAUX**  
[72] LINNELL, MICHAEL CHARLES, SNR, GB  
[72] LINNELL, MICHAEL CHARLES, JNR., GB  
[71] MANNING, SHARON, GB  
[71] LINNELL, MICHAEL CHARLES, SNR, GB  
[71] LINNELL, MICHAEL CHARLES, JNR., GB  
[71] LINNELL, LINDA ROSE, GB  
[85] 2014-07-24  
[86] 2012-12-31 (PCT/GB2012/053280)  
[87] (WO2013/110913)  
[30] GB (1201135.9) 2012-01-24  
[30] GB (1202948.4) 2012-02-21  
[30] GB (1212605.8) 2012-07-16  
[30] GB (1214223.8) 2012-08-09

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[13] A1

[51] **Int.Cl. F03D 1/06 (2006.01) B29C 65/50 (2006.01) B29C 65/52 (2006.01) B29C 65/54 (2006.01) F16B 11/00 (2006.01)**  
[25] EN  
[54] **BONDING METHOD AND CORRESPONDING BONDING APPARATUS**  
[54] **PROCEDE DE COLLAGE ET DISPOSITIF DE COLLAGE CORRESPONDANT**  
[72] ULLMANN, MARC, DE  
[72] RADEMACHER, LOTHAR, DE  
[71] DURR SYSTEMS GMBH, DE  
[85] 2014-12-01  
[86] 2013-06-07 (PCT/EP2013/001683)  
[87] (WO2013/189572)  
[30] DE (10 2012 012 298.5) 2012-06-20

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[13] A1

[51] **Int.Cl. B82B 1/00 (2006.01) B82Y 40/00 (2011.01) B82B 3/00 (2006.01)**  
[25] EN  
[54] **NANOSTRUCTURES WITH FUNCTIONALLY DIFFERENT SURFACES**  
[54] **NANOSTRUCTURE COMPORTANT DES COTES FONCTIONNELLEMENT DIFFERENTS**  
[72] RUDENKO, PAVLO, US  
[71] RUDENKO, PAVLO, US  
[85] 2014-12-01  
[86] 2013-06-01 (PCT/US2013/043805)  
[87] (WO2013/181648)  
[30] US (61/654,089) 2012-06-01  
[30] US (13/905,066) 2013-05-29

[21] **2,875,330**  
[13] A1

[51] **Int.Cl. A61K 31/00 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01)**  
[25] EN  
[54] **METHOD OF PREVENTION OF NEUROLOGICAL DISEASES**  
[54] **METHODE DE PREVENTION DE MALADIES NEUROLOGIQUES**  
[72] GONZALEZ, RODOLFO, US  
[72] GARITAONANDIA, IBON, US  
[72] SEMECHKIN, RUSLAN, US  
[71] INTERNATIONAL STEM CELL CORPORATION, US  
[85] 2014-12-01  
[86] 2013-06-03 (PCT/US2013/043927)  
[87] (WO2013/184591)  
[30] US (61/655,742) 2012-06-05

[21] **2,875,331**  
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01)**  
[25] EN  
[54] **METHODS FOR DIAGNOSING CHRONIC VALVULAR DISEASE**  
[54] **PROCEDES PERMETTANT DE DIAGNOSTIQUER L'AFFECTION VALVULAIRE CHRONIQUE**  
[72] LI, QINGHONG, US  
[72] LAFLAMME, DOROTHY P., US  
[72] HANNAH, STEVEN S., US  
[71] NESTEC S.A., CH  
[85] 2014-12-01  
[86] 2013-06-04 (PCT/US2013/044008)  
[87] (WO2013/184628)  
[30] US (61/655,704) 2012-06-05

[21] **2,875,332**  
[13] A1

[51] **Int.Cl. G05B 11/32 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR VIDEO CAPTURE, USER FEEDBACK, REPORTING, ADAPTIVE PARAMETERS, AND REMOTE DATA ACCESS IN VEHICLE SAFETY MONITORING**  
[54] **SYSTEMES ET PROCEDES DE CAPTURE VIDEO, RETOUR VERS L'UTILISATEUR, SIGNALEMENT, PARAMETRES ADAPTATIFS ET ACCES A DES DONNEES A DISTANCE AU COURS D'UNE SURVEILLANCE DE LA SECURITE D'UN VEHICULE**  
[72] GOMPert, JEFF M., US  
[72] ASHMORE, CHAD, US  
[72] DURIE, WILLIAM E., JR., US  
[72] REID, C. SHANE, US  
[71] ZOLL MEDICAL CORPORATION, US  
[85] 2014-12-01  
[86] 2013-06-05 (PCT/US2013/044357)  
[87] (WO2013/184832)  
[30] US (61/656,527) 2012-06-07

[21] **2,875,333**  
[13] A1

[51] **Int.Cl. F03D 9/00 (2006.01)**  
[25] EN  
[54] **EFFICIENT SYSTEMS AND METHODS FOR CONSTRUCTION AND OPERATION OF MOBILE WIND POWER PLATFORMS**  
[54] **SYSTEMES ET PROCEDES EFFICACES DESTINES A LA CONSTRUCTION ET AU FONCTIONNEMENT DE PLATES-FORMES D'EOLIENNE MOBILES**  
[72] FREDA, ROBERT M., US  
[71] V SQUARED WIND, INC., US  
[85] 2014-12-01  
[86] 2013-06-07 (PCT/US2013/044752)  
[87] (WO2013/185057)  
[30] US (61/656,816) 2012-06-07

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[13] A1

[51] **Int.Cl. A61B 18/12 (2006.01) A61B 18/14 (2006.01) A61B 19/00 (2006.01) A61M 29/00 (2006.01)**  
[25] EN  
[54] **ABLATION DEVICE HAVING AN EXPANDABLE CHAMBER FOR ANCHORING THE ABLATION DEVICE TO TISSUE**  
[54] **DISPOSITIF D'ABLATION AYANT UNE CHAMBRE DILATABLE POUR L'ANCRAGE DU DISPOSITIF D'ABLATION DANS UN TISSU**  
[72] BRANNAN, JOSEPH, D., US  
[72] ARTS, GENE, H., US  
[71] COVIDIEN LP, US  
[85] 2014-12-01  
[86] 2013-06-07 (PCT/US2013/044754)  
[87] (WO2014/004044)  
[30] US (61/664,586) 2012-06-26  
[30] US (13/835,513) 2013-03-15

[21] **2,875,335**  
[13] A1

[51] **Int.Cl. C23C 22/83 (2006.01) C09D 5/08 (2006.01) C23F 11/08 (2006.01) G01N 21/80 (2006.01)**  
[25] EN  
[54] **INDICATOR COATINGS FOR METAL SURFACES**  
[54] **REVETEMENTS D'INDICATEUR POUR DES SURFACES METALLIQUES**  
[72] MORRIS, ERIC L., US  
[71] PRC-DESOTO INTERNATIONAL, INC., US  
[85] 2014-12-01  
[86] 2013-06-10 (PCT/US2013/044983)  
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[30] US (61/657,497) 2012-06-08

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[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01) G01R 19/04 (2006.01) G01R 23/02 (2006.01) G01R 25/00 (2006.01)**

[25] EN

[54] **ELECTRIC POWER SYSTEM WAVEFORM SEARCH**

[54] **RECHERCHE DE FORMES D'ONDE DE SYSTEME D'ALIMENTATION ELECTRIQUE**

[72] ZWEIGLE, GREGARY C., US

[72] HEWITT, ERIC J., US

[72] GOTSHALL, STANLEY P., US

[71] SCHWEITZER ENGINEERING LABORATORIES, INC., US

[85] 2014-12-01

[86] 2013-06-10 (PCT/US2013/045019)

[87] (WO2013/191952)

[30] US (61/662,854) 2012-06-21

[30] US (13/795,586) 2013-03-12

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[13] A1

[51] **Int.Cl. G01N 21/17 (2006.01) G01N 21/35 (2014.01)**

[25] EN

[54] **MEASUREMENT OF GASEOUS COMPOUND USING SPECTROSCOPY**

[54] **MESURE DE COMPOSE GAZEUX UTILISANT UNE SPECTROSCOPIE**

[72] SORVAJARVI, TAPIO, FI

[72] TOIVONEN, JUHA, FI

[72] ROPPO, JUHA, FI

[72] SILVENNOINEN, JAANI, FI

[72] ENESTAM, SONJA, FI

[71] VALMET POWER OY, FI

[85] 2014-12-01

[86] 2012-06-08 (PCT/FI2012/050579)

[87] (WO2013/182735)

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[13] A1

[51] **Int.Cl. C10M 159/12 (2006.01)**

[25] EN

[54] **POST-TREATED MOLYBDENUM IMIDE LUBRICATING OIL ADDITIVE**

[54] **COMPOSITION D'ADDITION A BASE D'IMIDE DE MOLYBDENE POST-TRAITEE, PROCEDES DE FABRICATION ASSOCIES ET COMPOSITIONS D'HUILE LUBRIFIANTE LA CONTENANT**

[72] BHALLA, GAURAV, US

[72] NELSON, KENNETH DALE, US

[72] TSANG, MAN HON, US

[71] CHEVRON ORONITE COMPANY LLC, US

[85] 2014-12-01

[86] 2013-06-14 (PCT/US2013/045841)

[87] (WO2014/011354)

[30] US (13/549,196) 2012-07-13

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[13] A1

[51] **Int.Cl. B05C 1/08 (2006.01) B41F 9/10 (2006.01) D21H 25/08 (2006.01) D21H 25/12 (2006.01)**

[25] EN

[54] **INSERT AND HOLDER FOR A METERING DEVICE**

[54] **INSERT ET SUPPORT POUR UN DISPOSITIF DE MESURE**

[72] ROUSU, ARI, US

[72] FIEL, ERIC, US

[72] LAUTERBACH, RICHARD, US

[72] LAUTERBACH, THOMAS, US

[71] BTG IPI, LLC, US

[85] 2014-12-01

[86] 2013-06-11 (PCT/US2013/045098)

[87] (WO2013/188350)

[30] US (61/657,973) 2012-06-11

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[13] A1

[51] **Int.Cl. A61N 1/40 (2006.01) A61N 1/378 (2006.01)**

[25] EN

[54] **SELF-ADHESIVE TET COIL HOLDER WITH ALIGNMENT FEATURE**

[54] **SUPPORT AUTOADHESIF DE BOBINE DE TRANSMISSION D'ENERGIE TRANSCUTANEE (TET) AYANT UNE CARACTERISTIQUE D'ALIGNEMENT**

[72] CAMERON, ALLAN, US

[72] PAGE, CHRISTOPHER J., US

[71] HEARTWARE, INC., US

[85] 2014-12-01

[86] 2013-06-11 (PCT/US2013/045174)

[87] (WO2013/188400)

[30] US (61/658,178) 2012-06-11

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[13] A1

[51] **Int.Cl. C07C 215/54 (2006.01) A61K 31/135 (2006.01) A61P 13/10 (2006.01) C07C 55/10 (2006.01) C07C 59/245 (2006.01)**

[25] EN

[54] **DEFESOTERODINE SALTS**

[54] **SELS DE DEFESOTERODINE**

[72] EICHNER, SIMONE, DE

[72] ALBRECHT, WOLFGANG, DE

[71] RATIOPHARM GMBH, DE

[85] 2014-12-01

[86] 2013-06-14 (PCT/US2013/045992)

[87] (WO2013/188829)

[30] US (61/659,829) 2012-06-14

[30] US (61/818,135) 2013-05-01

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[21] **2,875,343**  
[13] A1

[51] **Int.Cl. A01K 27/00 (2006.01)**

[25] EN

[54] **DOG HARNESS**

[54] **HARNAIS POUR CHIEN**

[72] WILSON, DANNY, US

[72] WILSON, SYLVIA, US

[71] WILSON, DANNY, US

[71] WILSON, SYLVIA, US

[85] 2014-12-01

[86] 2012-05-29 (PCT/GB2012/051209)

[87] (WO2013/178966)

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[21] **2,875,344**  
[13] A1

[51] **Int.Cl. C11B 1/00 (2006.01) B01D 3/00 (2006.01)**

[25] EN

[54] **IMPROVING THE EFFICIENCY OF AN ETHANOL FERMENTATION PLANT**

[54] **AMELIORATION DU RENDEMENT D'UNE INSTALLATION DE FERMENTATION D'ETHANOL**

[72] BLEYER, JAMES ROBERT, US

[72] CZARTOSKI, THOMAS J., US

[72] CHANDRA, PUNEET, US

[71] VALICOR, INC., US

[85] 2014-12-01

[86] 2013-06-20 (PCT/US2013/046745)

[87] (WO2013/192391)

[30] US (61/662,019) 2012-06-20

[21] **2,875,346**  
[13] A1

[51] **Int.Cl. A61B 5/0275 (2006.01) A61F 2/82 (2013.01) G06T 7/20 (2006.01)**

[25] EN

[54] **FLOW-RELATED IMAGE PROCESSING IN LUMINAL ORGANS**

[54] **TRAITEMENT D'IMAGE LIE AU FLUX DANS LES ORGANES LUMINAUX**

[72] TOLKOWSKY, DAVID, IL

[72] KLAIMAN, ELAD, IL

[72] STEINBERG, ALEXANDER, IL

[72] COHEN, RAN, IL

[71] SYNC-RX, LTD., IL

[85] 2014-12-01

[86] 2013-06-26 (PCT/IL2013/050549)

[87] (WO2014/002095)

[30] US (61/690,393) 2012-06-26

[30] US (61/741,105) 2012-07-12

[30] US (61/692,280) 2012-08-23

[30] US (61/704,570) 2012-09-24

[21] **2,875,348**  
[13] A1

[51] **Int.Cl. A61K 31/575 (2006.01) A61K 31/4745 (2006.01) A61K 31/565 (2006.01) A61P 5/46 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **CHEMICAL SUPPRESSORS OF NEUROTOXICITY IN SYNUCLEINOPATHIC DISEASES**

[54] **SUPPRESSEURS CHIMIQUES DE LA NEUROTOXICITE DANS LES MALADIES SYNUCLEINOPATHIQUES**

[72] SEPP, KATHARINE JULIA, CA

[72] SCHULTE, JOOST, CA

[71] OXALYS PHARMACEUTICALS, CA

[85] 2014-12-01

[86] 2013-05-31 (PCT/IB2013/001894)

[87] (WO2013/179144)

[30] US (61/654,284) 2012-06-01

[21] **2,875,351**  
[13] A1

[51] **Int.Cl. A61K 31/43 (2006.01) A61K 9/10 (2006.01) A61K 47/14 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **INJECTABLE ANTIBIOTIC FORMULATIONS AND THEIR METHODS OF USE**

[54] **FORMULATIONS ANTIBIOTIQUES INJECTABLES ET LEURS PROCEDES D'UTILISATION**

[72] ALAWI, FADIL AL, NZ

[72] BORK, OLAF, NZ

[72] JAIN, ROHIT, NZ

[72] NANJAN, KARTHIGEYAN, NZ

[72] TUCKER, IAN GEORGE, NZ

[71] BAYER NEW ZEALAND LIMITED, NZ

[85] 2014-12-01

[86] 2013-07-16 (PCT/NZ2013/000123)

[87] (WO2014/014363)

[30] NZ (601299) 2012-07-17

[30] NZ (610175) 2013-05-03

[30] NZ (613138) 2013-07-12

[21] **2,875,352**  
[13] A1

[51] **Int.Cl. H04H 60/58 (2009.01) G10L 19/018 (2013.01) H04H 60/33 (2009.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR CLOCK CORRECTION AND/OR SYNCHRONIZATION FOR AUDIO MEDIA MEASUREMENT SYSTEMS**

[54] **PROCEDES ET SYSTEMES DE CORRECTION D'HORLOGE ET/OU SYNCHRONISATION POUR SYSTEMES DE MESURE DE SUPPORTS AUDIO**

[72] STAVROPOULOS, JOHN, US

[72] JAIN, ANAND, US

[72] LYNCH, WENDELL, US

[72] KUZNETSOV, VLADIMIR, US

[72] CRYSTAL, JACK, US

[72] GISH, DAVID, US

[72] NEUHAUSER, ALAN, US

[71] THE NIELSON COMPANY (US), LLC, US

[85] 2014-12-01

[86] 2013-07-02 (PCT/US2013/049089)

[87] (WO2014/065902)

[30] US (13/657,275) 2012-10-22

[21] **2,875,353**  
[13] A1

[51] **Int.Cl. B01J 23/80 (2006.01) B01J 37/08 (2006.01) C07B 61/00 (2006.01) C07C 29/154 (2006.01) C07C 31/04 (2006.01)**

[25] EN

[54] **CATALYST FOR METHANOL PRODUCTION, METHOD OF THE SAME AND PROCESS OF METHANOL PRODUCTION**

[54] **CATALYSEUR POUR LA PRODUCTION DU METHANOL, SON PROCEDE DE PRODUCTION, ET PROCEDE DE PRODUCTION DU METHANOL**

[72] GOTO, YUYA, JP

[72] TAKAHASHI, NAOYA, JP

[72] YOSHINAGA, MASAKI, JP

[72] MURAKAMI, MASAMI, JP

[71] MITSUI CHEMICALS, INC., JP

[85] 2014-12-01

[86] 2013-06-03 (PCT/JP2013/065325)

[87] (WO2013/183577)

[30] JP (2012-127031) 2012-06-04

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[21] **2,875,354**  
[13] A1

[51] **Int.Cl. G01P 15/00 (2006.01) H04H 60/33 (2009.01)**  
[25] EN  
[54] **MULTIPLE METER DETECTION AND PROCESSING USING MOTION DATA**  
[54] **DETECTION DE DISPOSITIFS DE MESURE MULTIPLES ET TRAITEMENT ASSOCIE AU MOYEN DE DONNEES DE MOUVEMENT**  
[72] JAIN, ANAND, US  
[72] STAVROPOULOS, JOHN, US  
[72] NEUHAUSER, ALAN, US  
[72] LYNCH, WENDELL, US  
[72] KUZNETSOV, VLADIMIR, US  
[72] CRYSTAL, JACK, US  
[71] THE NIELSON COMPANY (US), LLC, US  
[85] 2014-12-01  
[86] 2013-08-12 (PCT/US2013/054501)  
[87] (WO2014/084928)  
[30] US (13/691,166) 2012-11-30

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[21] **2,875,355**  
[13] A1

[51] **Int.Cl. A01K 1/03 (2006.01) A01K 11/00 (2006.01) A61B 5/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR WIRELESS CHARGING OF A BIOELECTRONIC DEVICE IMPLANTED IN A LABORATORY ANIMAL OR IN A HUMAN BEING**  
[54] **PROCEDE ET APPAREIL DE CHARGE SANS FIL D'UN DISPOSITIF BIOELECTRONIQUE IMPLANTE CHEZ UN ANIMAL DE LABORATOIRE OU CHEZ UN ETRE HUMAIN**  
[72] ROMANELLI, PANTALEO, IT  
[72] PARIS, ANTONINO, IT  
[72] MARCHETTI, STEFANO, IT  
[71] AB MEDICA S.P.A., IT  
[85] 2014-12-01  
[86] 2013-06-18 (PCT/IB2013/055009)  
[87] (WO2013/190471)  
[30] IT (MI2012A001049) 2012-06-18

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[21] **2,875,356**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR REDUCING SPILLOVER BY DETECTING SIGNAL DISTORTION**  
[54] **PROCEDES ET SYSTEMES DE REDUCTION DE DEBORDEMENT PAR DETECTION DE DISTORSION DE SIGNAL**  
[72] NIELSEN, CHRISTEN V., US  
[71] THE NIELSON COMPANY (US), LLC, US  
[85] 2014-12-01  
[86] 2014-03-04 (PCT/US2014/020337)  
[87] (WO2014/138074)  
[30] US (13/791,432) 2013-03-08  
[30] AU (2013204911) 2013-04-12

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[21] **2,875,357**  
[13] A1

[51] **Int.Cl. F24J 2/00 (2014.01) F24J 2/46 (2006.01) F24J 2/48 (2006.01) F24J 2/50 (2006.01) F24J 3/06 (2006.01)**  
[25] EN  
[54] **SOLAR ENERGY RECEIVER**  
[54] **RECEPTEUR D'ENERGIE SOLAIRE**  
[72] BAIN, NICHOLAS JORDAN, AU  
[72] BADDOCK, GARRY JAMES, AU  
[72] KHOO, PAUL SOO-HOCK, AU  
[72] REYNOLDS, DAVID JOHN, AU  
[72] MCNEIL, ALEXANDER MCKECHRAN HARDIE, AU  
[72] LAWS, ADAM TIMOTHY, AU  
[72] CHAO, JUN, AU  
[71] GRAPHITE ENERGY N.V, NL  
[85] 2014-12-02  
[86] 2013-06-07 (PCT/AU2013/000609)  
[87] (WO2013/181712)  
[30] AU (2012902419) 2012-06-08

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[21] **2,875,362**  
[13] A1

[51] **Int.Cl. G08B 13/16 (2006.01)**  
[25] EN  
[54] **METHODS AND DEVICES FOR RETAIL THEFT PREVENTION**  
[54] **PROCEDES ET DISPOSITIFS DE PREVENTION CONTRE LE VOL DE DETAIL**  
[72] SALVO, GIOVANNI, CA  
[71] SALVO, GIOVANNI, CA  
[85] 2014-12-02  
[86] 2012-06-01 (PCT/CA2012/000509)  
[87] (WO2012/162799)  
[30] US (61/492,668) 2011-06-02

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[21] **2,875,363**  
[13] A1

[51] **Int.Cl. A61M 1/00 (2006.01)**  
[25] EN  
[54] **DEVICE FOR HARVESTING, PROCESSING, AND TRANSFERRING ADIPOSE TISSUE**  
[54] **DISPOSITIF POUR PRELEVER, TRAITER ET TRANSFERER DU TISSU ADIPEUX**  
[72] PARK, JASON, US  
[72] CONNOR, JEROME, US  
[72] BARERE, AARON M., US  
[71] LIFECCELL CORPORATION, US  
[85] 2014-11-28  
[86] 2013-05-15 (PCT/US2013/041111)  
[87] (WO2013/180952)  
[30] US (61/653,011) 2012-05-30

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[21] **2,875,364**  
[13] A1

[51] **Int.Cl. G01N 21/84 (2006.01) G01N 21/64 (2006.01) G01N 33/04 (2006.01) G01N 33/487 (2006.01) G01N 33/52 (2006.01) G02B 21/00 (2006.01) G02B 21/34 (2006.01) G02B 21/36 (2006.01) G06M 11/00 (2006.01)**  
[25] EN  
[54] **BIOLOGICAL FLUID ANALYSIS SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE D'ANALYSE DE FLUIDES BIOLOGIQUES**  
[72] MANGAN, STEVEN, CA  
[72] JONAS, GARY, CA  
[71] DAIRY QUALITY INC., CA  
[85] 2014-12-02  
[86] 2012-06-05 (PCT/CA2012/000549)  
[87] (WO2013/181733)

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[21] **2,875,365**  
[13] A1

[51] **Int.Cl. H04L 12/46 (2006.01) H04L 12/741 (2013.01)**

[25] EN

[54] **ROUTING VLAN TAGGED PACKETS TO FAR END ADDRESSES OF VIRTUAL FORWARDING INSTANCES USING SEPARATE ADMINISTRATIONS**

[54] **ROUTAGE DE PAQUETS ETIQUETES VLAN A DES ADRESSES D'EXTREME DISTANTE D'INSTANCES DE TRANSFERT VIRTUELLES UTILISANT DES ADMINISTRATIONS SEPARÉES**

[72] ALLAN, DAVID IAN, US

[71] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE

[85] 2014-12-01

[86] 2013-05-10 (PCT/IB2013/053819)

[87] (WO2013/182924)

[30] US (61/655,061) 2012-06-04

[30] US (13/594,751) 2012-08-24

[21] **2,875,366**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06Q 30/02 (2012.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR EFFICIENT EXECUTION OF MODULES**

[54] **PROCEDES ET APPAREILS POUR EXECUTION EFFICACE DE MODULES**

[72] RAU, NICHOLAS NAVEEN, US

[72] O'HEARN, RYAN, US

[72] STURM, THOMAS, US

[72] BENNETT, JEREMY, US

[71] THE NIELSEN COMPANY (US), LLC, US

[85] 2014-11-28

[86] 2014-02-03 (PCT/US2014/014474)

[87] (WO2014/123819)

[30] US (13/763,333) 2013-02-08

[21] **2,875,367**  
[13] A1

[51] **Int.Cl. G10L 19/018 (2013.01) G10L 19/008 (2013.01)**

[25] EN

[54] **DOWN-MIXING COMPENSATION FOR AUDIO WATERMARKING**

[54] **COMPENSATION DE MIXAGE REDUCTEUR POUR MISE EN PLACE D'UN FILIGRANE AUDIO**

[72] SRINIVASAN, VENUGOPAL, US

[72] TOPCHY, ALEXANDER, US

[71] THE NIELSEN COMPANY (US), LLC, US

[85] 2014-11-28

[86] 2014-03-05 (PCT/US2014/020794)

[87] (WO2014/164138)

[30] US (13/793,962) 2013-03-11

[21] **2,875,369**  
[13] A1

[51] **Int.Cl. A01N 61/02 (2006.01) A01N 25/04 (2006.01) A01N 25/30 (2006.01) A01N 43/653 (2006.01) A01P 3/00 (2006.01)**

[25] EN

[54] **FORMULATIONS CONTAINING PARAFFINIC OIL AND ANTI-SETTLING AGENT**

[54] **FORMULATIONS CONTENANT DE L'HUILE DE PARAFFINE ET UN AGENT ANTI-DEPOT**

[72] FEFER, MICHAEL, CA

[72] LIU, JUN, CA

[71] SUNCOR ENERGY INC., CA

[85] 2014-12-02

[86] 2012-06-29 (PCT/CA2012/050444)

[87] (WO2013/181738)

[30] US (61/655,417) 2012-06-04

[21] **2,875,371**  
[13] A1

[51] **Int.Cl. F01D 11/12 (2006.01) F04D 29/52 (2006.01)**

[25] FR

[54] **TURBO MACHINE STATOR WALL COVERED WITH AN ABRADABLE COATING**

[54] **PAROI STATOR DE TURBOMACHINE RECOUVERTE D'UN REVETEMENT ABRADABLE.**

[72] LE BIEZ, PHILIPPE CHARLES ALAIN, FR

[72] CORNACCHIA, NICOLAS, FR

[72] MARCIN, LIONEL, FR

[72] MONTFORT, PIERRE-MARIE, FR

[71] SNECMA, FR

[85] 2014-12-01

[86] 2013-05-30 (PCT/FR2013/051212)

[87] (WO2013/182782)

[30] FR (1255169) 2012-06-04

[21] **2,875,372**  
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61K 31/444 (2006.01) A61K 31/472 (2006.01) A61K 31/475 (2006.01) A61K 31/496 (2006.01) A61K 31/497 (2006.01) A61K 31/4985 (2006.01) A61K 31/501 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61K 31/541 (2006.01) A61P 1/16 (2006.01) A61P 13/12 (2006.01) A61P 17/00 (2006.01) A61P 19/02 (2006.01) A61P 25/16 (2006.01) A61P 27/02 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 35/04 (2006.01) A61P 43/00 (2006.01) C07D 217/22 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01)**

[25] EN

[54] **COMPOUND AS WNT SIGNALING INHIBITOR, COMPOSITION, AND USE THEREOF**

[54] **COMPOSE COMME INHIBITEUR DE LA VOIE DE SIGNALISATION WNT, COMPOSITION ET UTILISATION ASSOCIEE**

[72] AN, SONGZHU, CN

[71] CUREGENIX INC., CN

[85] 2014-12-02

[86] 2012-06-15 (PCT/CN2012/077032)

[87] (WO2013/185353)

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[21] **2,875,375**  
[13] A1

[51] **Int.Cl. B25B 7/12 (2006.01) B25B 25/00 (2006.01) F16C 1/10 (2006.01) F16C 1/14 (2006.01)**

[25] FR

[54] **REMOTE MANIPULATOR WITH A UNIVERSAL CABLE**

[54] **TELEMANIPULATEUR A CABLE UNIVERSEL**

[72] GILLET, PASCAL, FR

[72] PETIT, FABRICE, FR

[71] GILLET GROUP, FR

[85] 2014-12-01

[86] 2013-05-31 (PCT/FR2013/051240)

[87] (WO2013/178964)

[30] FR (12 55071) 2012-06-01

[21] **2,875,378**  
[13] A1

[51] **Int.Cl. F17C 3/02 (2006.01) F17C 3/06 (2006.01)**

[25] FR

[54] **SEALED AND THERMALLY INSULATING TANK**

[54] **CUVE ETANCHE ET THERMIQUEMENT ISOLANTE**

[72] GAZEAU, JAMES, FR

[71] GAZTRANSPORT ET TECHNIGAZ, FR

[85] 2014-12-01

[86] 2013-06-04 (PCT/FR2013/051258)

[87] (WO2013/186458)

[30] FR (1255435) 2012-06-11

[21] **2,875,380**  
[13] A1

[51] **Int.Cl. H03H 7/38 (2006.01)**

[25] EN

[54] **METHOD, DEVICE, AND ELECTRONIC SIGNATURE TOOL FOR USE IN MATCHING WITH AUDIO INTERFACE OF MOBILE TERMINAL**

[54] **PROCEDE, DISPOSITIF ET OUTIL DE SIGNATURE ELECTRONIQUE DESTINES A ETRE UTILISES DANS UN APPARIEMENT AVEC UNE INTERFACE AUDIO D'UN TERMINAL MOBILE**

[72] LI, DONGSHENG, CN

[71] TENDYRON CORPORATION, CN

[85] 2014-12-02

[86] 2013-06-09 (PCT/CN2013/077104)

[87] (WO2013/185600)

[30] CN (201210195023.3) 2012-06-13

[21] **2,875,382**  
[13] A1

[51] **Int.Cl. C12N 9/42 (2006.01) C12N 1/00 (2006.01) C12N 9/96 (2006.01) C12P 7/10 (2006.01)**

[25] FR

[54] **USE OF CO2 FOR DEACTIVATING A CELLULOLYTIC MICROORGANISM USED IN THE BIOCHEMICAL CONVERSION OF LIGNOCELLULOSIC MATERIALS**

[54] **UTILISATION DU CO2 POUR LA DESACTIVATION D'UN MICROORGANISME CELLULOLYTIQUE UTILISE DANS LA CONVERSION BIOCHIMIQUE DE MATERIAUX LIGNO-CELLULOSIQUES**

[72] BEN CHAABANE, FADHEL, FR

[72] LOURET, SYLVAIN, FR

[71] IFP ENERGIES NOUVELLES, FR

[85] 2014-12-01

[86] 2013-06-05 (PCT/FR2013/051269)

[87] (WO2013/190203)

[30] FR (12/01732) 2012-06-18

[21] **2,875,385**  
[13] A1

[51] **Int.Cl. A23L 1/305 (2006.01) A23K 1/16 (2006.01) A61K 38/01 (2006.01) A61K 38/05 (2006.01) A61K 38/06 (2006.01) A61P 25/00 (2006.01) C12P 13/22 (2006.01) C12P 21/06 (2006.01)**

[25] EN

[54] **USE OF TRYPTOPHAN RICH PROTEIN HYDROLYSATES**

[54] **UTILISATION D'HYDROLYSATS PROTEIQUES RICHES EN TRYPTOPHANE**

[72] GIBSON, LEIGH, CH

[72] GORALCZYK, REGINA, CH

[72] MOHAJERI, HASAN, CH

[72] WITTWER SCHEGG, JONAS, CH

[72] GOETZ, NICOLLE, CH

[72] KALARICKAL, CHRISTINA, CH

[72] KOENIG-GRILLO, SIMONE, CH

[72] KANNING, MARJA, CH

[72] KOENDERS, DAMIET JOSEPHINA PETRONELLA CUNERA, CH

[72] SIMONS, KATHLEEN, CH

[71] DSM IP ASSETS B.V., NL

[85] 2014-12-01

[86] 2013-10-30 (PCT/IB2013/059789)

[87] (WO2014/068499)

[30] US (61/721,525) 2012-11-02

[30] US (61/721,543) 2012-11-02

[30] US (61/721,524) 2012-11-02

[30] US (61/721,526) 2012-11-02

[30] US (61/721,529) 2012-11-02

[30] US (61/721,581) 2012-11-02

[21] **2,875,386**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 9/00 (2006.01) A61K 47/18 (2006.01) A61K 47/26 (2006.01) C07K 16/28 (2006.01)**

[25] EN

[54] **ANTIBODY FORMULATION**

[54] **FORMULATION D'ANTICORPS**

[72] COSENZA, MARTA, CH

[72] STARK, CHRISTOPH, CH

[71] NOVARTIS AG, CH

[85] 2014-12-01

[86] 2013-06-11 (PCT/IB2013/054777)

[87] (WO2013/186700)

[30] US (61/658,472) 2012-06-12

[21] **2,875,389**  
[13] A1

[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/445 (2006.01) A61K 31/4523 (2006.01) A61K 31/4545 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 211/62 (2006.01)**

[25] EN

[54] **1-[M-CARBOXAMIDO(HETERO)ARYL-METHYL]-HETEROCYCLYL-CARBOXAMIDE DERIVATIVES**

[54] **DERIVES DE 1-[M-CARBOXAMIDO(HETERO)ARYL METHYL]HETEROCYCLYL CARB OXAMIDE**

[72] FRETZ, HEINZ, CH

[72] GUDE, MARKUS, CH

[72] GUERRY, PHILIPPE, CH

[72] KIMMERLIN, THIERRY, CH

[72] LEHEMBRE, FRANCOIS, CH

[72] PFEIFER, THOMAS, CH

[72] VALDENNAIRE, ANJA, CH

[71] ACTELION PHARMACEUTICALS LTD, CH

[85] 2014-12-01

[86] 2013-06-21 (PCT/IB2013/055095)

[87] (WO2013/190508)

[30] EP (12173227.5) 2012-06-22

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[51] <b>Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01)</b>	[51] <b>Int.Cl. C09D 1/00 (2006.01) C23C 26/00 (2006.01)</b>	[51] <b>Int.Cl. A61K 31/045 (2006.01) A61K 31/435 (2006.01) A61K 31/495 (2006.01) A61K 31/53 (2006.01)</b>
[25] EN	[25] EN	[25] EN
[54] <b>CD147 AS RECEPTOR FOR PILUS-MEDIATED ADHESION OF MENINGOCOCCI TO VASCULAR ENDOTHELIA</b>	[54] <b>CATALYTIC SURFACES AND COATINGS FOR THE MANUFACTURE OF PETROCHEMICALS</b>	[54] <b>PHARMACEUTICAL COMPOSITION CONTAINING VERBENONE DERIVATIVE FOR TREATING OR PREVENTING NEURODEGENERATIVE DISEASE</b>
[54] <b>UTILISATION DU CD147 COMME RECEPTEUR POUR L'ADHESION IMPLIQUANT LES PILI DES MENINGOCOQUES A L'ENDOTHELIUM VASCULAIRE</b>	[54] <b>SURFACES CATALYTIQUES ET REVETEMENTS POUR LA FABRICATION DE PRODUITS PETROCHIMIQUES</b>	[54] <b>COMPOSITION PHARMACEUTIQUE CONTENANT UN DERIVE DE VERBENONE POUR LE TRAITEMENT OU LA PREVENTION D'UNE MALADIE NEURODEGENERATIVE</b>
[72] NASSIF, XAVIER, FR	[72] PETRONE, SABINO STEVEN ANTHONY, CA	[72] KIM, WON KI, KR
[72] BOURDOULOUS, SANDRINE, FR	[72] DEUIS, ROBERT LESLIE, CA	[72] CHOI, YONGSEOK, KR
[72] JOIN-LAMBERT, OLIVIER, FR	[72] KONG, FUWING, CA	[71] KOREA UNIVERSITY RESEARCH AND BUSINESS FOUNDATION, KR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR	[72] CHEN, YAN, CA	[85] 2014-12-01
[71] UNIVERSITE PARIS DESCARTES, FR	[71] BASF CORPORATION, US	[86] 2013-06-04 (PCT/KR2013/004932)
[85] 2014-12-01	[85] 2014-12-01	[87] (WO2013/183920)
[86] 2013-07-15 (PCT/EP2013/064900)	[86] 2013-05-31 (PCT/US2013/043718)	[30] KR (10-2012-0060314) 2012-06-05
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	[51] <b>Int.Cl. A61C 5/12 (2006.01)</b>	
	[25] EN	
	[54] <b>DENTAL WEDGE WITH ASYMMETRIC SIDES</b>	
	[54] <b>COIN DENTAIRE A COTES ASYMETRIQUES</b>	
	[72] MCDONALD, SIMON P., NZ	
	[72] AUBONE, ALEJANDRO, NZ	
	[72] BACKLER, MATTHEW, NZ	
	[71] RHONDIUM HOLDINGS LIMITED, NZ	
	[85] 2014-12-01	
	[86] 2013-05-31 (PCT/US2013/043733)	
	[87] (WO2014/018162)	
	[30] NZ (600373) 2012-05-31	
	[30] NZ (610160) 2013-05-03	
[21] <b>2,875,393</b> [13] A1		[21] <b>2,875,397</b> [13] A1
[51] <b>Int.Cl. G03G 15/08 (2006.01)</b>		[51] <b>Int.Cl. C10G 31/06 (2006.01) C10G 3/00 (2006.01) C10G 9/36 (2006.01)</b>
[25] EN		[25] EN
[54] <b>POWDER CONTAINER AND IMAGE FORMING APPARATUS</b>		[54] <b>METHOD FOR THE THERMAL CONVERSION OF HETEROATOM-CONTAINING CRUDE OILS INTO LOW-HETEROATOM LIGHT AND MIDDLE OILS CONTAINING PRODUCTS PRODUCED BY THIS METHOD AND THE APPLICATION OF SUCH PRODUCTS</b>
[54] <b>RECIPIENT A POUDRE ET APPAREIL DE FORMATION D'IMAGE</b>		[54] <b>PROCEDE POUR LA CONVERSION THERMIQUE DE PETROLES BRUTS CONTENANT DES HETEROATOMES EN HUILES LEGERES ET MOYENNES PAUVRES EN HETEROATOMES, PRODUITS PREPARES SELON CE PROCEDE ET LEURUTILISATION</b>
[72] HOSOKAWA, HIROSHI, JP		[72] WILLNER, THOMAS, DE
[72] KAI, TSUKURU, JP		[71] NEXXOIL AG, CH
[72] MATSUMOTO, JUNICHI, JP		[85] 2014-12-02
[72] KOMATSU, MAKOTO, JP		[86] 2013-06-19 (PCT/DE2013/000318)
[72] HAYAKAWA, TADASHI, JP		[87] (WO2013/189476)
[72] OZAWA, YUZURU, JP		[30] DE (10 2012 012 199.7) 2012-06-20
[72] TAMAKI, SHINJI, JP		
[72] KIKUCHI, KENJI, JP		
[71] RICOH COMPANY, LIMITED, JP		
[85] 2014-12-01		
[86] 2013-06-03 (PCT/JP2013/065901)		
[87] (WO2013/183782)		
[30] JP (2012-126637) 2012-06-03		
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[54] **ARTICLE ABSORBANT**  
[72] FREDRIKSON, SUSANNE, SE  
[72] JOHANSSON, CHARLOTTE, SE  
[71] SCA HYGIENE PRODUCTS AB, SE  
[85] 2014-12-02  
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[25] EN  
[54] **TASTE-MASKING COMPOSITIONS, SWEETENER COMPOSITIONS AND CONSUMABLE PRODUCT COMPOSITIONS CONTAINING THE SAME**  
[54] **COMPOSITIONS DE MASQUAGE DU GOUT, COMPOSITIONS D'EDULCORANT ET COMPOSITIONS DE PRODUIT CONSOMMABLE LES CONTENANT**  
[72] PUTTER, CLEMENTS M., NL  
[72] WONSCHIK, JOHANN, DE  
[71] NUTRINOVA NUTRITION SPECIALTIES & FOOD INGREDIENTS GMBH, DE  
[85] 2014-12-02  
[86] 2012-09-28 (PCT/EP2012/004079)  
[87] (WO2014/000755)  
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[51] **Int.Cl. B60S 1/34 (2006.01) B60S 1/38 (2006.01)**  
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[54] **BRAS D'ESSUIE-GLACE**  
[72] BOLAND, XAVIER, BE  
[71] FEDERAL-MOGUL S.A., BE  
[85] 2014-12-02  
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[13] A1

[51] **Int.Cl. C04B 7/345 (2006.01)**  
[25] EN  
[54] **METHOD FOR THE PRODUCTION OF A BELITE CEMENT WITH HIGH REACTIVITY AND LOW CALCIUM/SILICATE RATIO**  
[54] **PROCEDE DE PRODUCTION D'UN CIMENT BELITIQUE A HAUTE REACTIVITE ET A FAIBLE RAPPORT CALCIUM/SILICATE**  
[72] BEN HAHA, MOHSEN, DE  
[72] LINK, TIM, DE  
[72] BELLMANN, FRANK, DE  
[72] LUDWIG, HORST-MICHAEL, DE  
[71] HEIDELBERGCEMENT AG, DE  
[85] 2014-12-02  
[86] 2013-06-10 (PCT/EP2013/001690)  
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[13] A1

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[54] **MACHINE A CAFE**  
[72] EICHER, HEINZ, CH  
[72] SIDOR, MAREK, CH  
[71] EUGSTER/FRISMAG AG, CH  
[85] 2014-12-02  
[86] 2013-04-12 (PCT/EP2013/057721)  
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[13] A1

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[54] **THUMB ORTHOSIS**  
[54] **ORTHESE DU POUCE**  
[72] GRUNDEN, JENNIFER, DE  
[72] SCHMELTZPFENNING, TIMO, DE  
[72] BAUER, JOACHIM, DE  
[71] BSN MEDICAL GMBH, DE  
[85] 2014-12-02  
[86] 2013-04-26 (PCT/EP2013/058818)  
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[51] **Int.Cl. B01F 5/08 (2006.01) B01F 3/04 (2006.01) B01F 3/08 (2006.01)**  
[25] EN  
[54] **METHOD FOR ADAPTING THE GEOMETRY OF A DISPERSION NOZZLE**  
[54] **PROCEDE D'AJUSTEMENT DE LA GEOMETRIE D'UNE BUSE DE DISPERSION**  
[72] HARTMANN, WERNER, DE  
[72] WOLFRUM, SONJA, DE  
[72] FLECK, ROBERT, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2014-12-02  
[86] 2013-05-07 (PCT/EP2013/059504)  
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[30] DE (10 2012 209 342.7) 2012-06-04

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[25] FR  
[54] **O/W-EMULSION-TYPE TOPICAL PHARMACEUTICAL COMPOSITIONS CONTAINING A RETINOID**  
[54] **COMPOSITIONS PHARMACEUTIQUES TOPIQUES DE TYPE EMULSION H/E CONTENANT UN RETINOIDE**  
[72] DUPRAT, AGNES, FR  
[72] MALLARD, CLAIRE, FR  
[71] GALDERMA RESEARCH & DEVELOPMENT, FR  
[85] 2014-11-21  
[86] 2013-05-30 (PCT/EP2013/061199)  
[87] (WO2013/178758)  
[30] US (61/654694) 2012-06-01  
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[51] **Int.Cl. G01N 33/92 (2006.01)**  
[25] EN  
[54] **SENSITIVE EFFICACY AND SPECIFICITY BIOMARKERS FOR PROPROTEIN CONVERTASE SUBTILISIN/KEXIN TYPE 9 (PCSK9) INHIBITION**  
[54] **BIOMARQUEURS SENSIBLES, EFFICACES ET SPECIFIQUES DE L'INHIBITEUR DE LA PROPROTEINE CONVERTASE SUBTILISINE/KEXINE DE TYPE 9 (PCSK9)**  
[72] LAAKSONEN, REIJO, FI  
[71] ZORA BIOSCIENCES OY, FI  
[85] 2014-11-25  
[86] 2013-05-24 (PCT/EP2013/060816)  
[87] (WO2013/175016)  
[30] US (61/651,569) 2012-05-25  
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[13] A1

[51] **Int.Cl. B25C 1/00 (2006.01) B29C 51/00 (2006.01) F16B 15/08 (2006.01)**  
[25] EN  
[54] **METHOD FOR THE PRODUCTION OF A STRIP FOR FASTENING ELEMENTS**  
[54] **PROCEDE DE PRODUCTION D'UNE BAGUETTE D'ELEMENT DE FIXATION**  
[72] FOSER, THOMAS, LI  
[72] CHEN, HO-TIEN, TW  
[71] HILTI AKTIENGESELLSCHAFT, LI  
[85] 2014-12-02  
[86] 2013-05-22 (PCT/EP2013/060456)  
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[30] DE (10 2012 209 402.4) 2012-06-04

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[13] A1

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[25] EN  
[54] **DERIVATIVES OF 1-PHENYL-2-PYRIDINYL ALKYL ALCOHOLS AS PHOSPHODIESTERASE INHIBITORS**  
[54] **DERIVES D'ALCOOLS DE 1-PHENYL-2-PYRIDINYL ALKYLE COMME INHIBITEURS DE LA PHOSPHODIESTERASE**  
[72] ARMANI, ELISABETTA, IT  
[72] CAPALDI, CARMELIDA, IT  
[72] CARZANIGA, LAURA, IT  
[72] ESPOSITO, ORIANA, IT  
[71] CHIESI FARMACEUTICI S.P.A., IT  
[85] 2014-12-02  
[86] 2013-05-28 (PCT/EP2013/060915)  
[87] (WO2013/182451)  
[30] EP (12170714.5) 2012-06-04

[21] **2,875,438**  
[13] A1

[51] **Int.Cl. B29C 47/88 (2006.01) B29C 47/92 (2006.01) H01H 37/52 (2006.01)**  
[25] EN  
[54] **DEVICE FOR COOLING A FILM, COMPRISING A LEVER SYSTEM**  
[54] **DISPOSITIF DE REFROIDISSEMENT D'UN FILM COMPRENANT UN SYSTEME DE LEVIER**  
[72] RUBBELKE, INGO, DE  
[72] JOPPE, MARKUS, DE  
[71] WINDMOLLER & HOLSCHER KG, DE  
[85] 2014-12-02  
[86] 2013-05-31 (PCT/EP2013/061298)  
[87] (WO2013/182493)  
[30] DE (10 2012 104 963.7) 2012-06-08  
[30] US (61/657,631) 2012-06-08

[21] **2,875,439**  
[13] A1

[51] **Int.Cl. B65D 39/00 (2006.01)**  
[25] EN  
[54] **CLOSURE FOR A PRODUCT-RETAINING CONTAINER**  
[54] **FERMETURE POUR RECIPIENT DESTINE A RETENIR UN PRODUIT**  
[72] DAVIDTS, SANDRA, BE  
[72] ZHA, WEIBIN, US  
[72] CAMPBELL GLASGOW, KATHERINE, US  
[72] THOMPSON, MALCOLM JOSEPH, US  
[71] NOMACORC LLC, US  
[85] 2014-12-02  
[86] 2013-06-04 (PCT/EP2013/061433)  
[87] (WO2013/182540)  
[30] US (61/657,287) 2012-06-08

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[13] A1

[51] **Int.Cl. C09D 151/00 (2006.01) C04B 41/48 (2006.01) C08F 265/06 (2006.01)**  
[25] EN  
[54] **USE OF MULTI-STAGE POLYMERIZATE DISPERSIONS TO COAT METAL SHEETS**  
[54] **UTILISATION DE DISPERSIONS DE PRODUIT DE POLYMERISATION EN PLUSIEURS ETAPES POUR LE REVETEMENT DE TOLES METALLIQUES**  
[72] JAHNS, EKKEHARD, DE  
[72] DENU, HANS-JURGEN, DE  
[72] ROLLER, SEBASTIAN, DE  
[72] KUREK, ALEXANDER, DE  
[71] BASF SE, DE  
[85] 2014-12-02  
[86] 2013-06-04 (PCT/EP2013/061504)  
[87] (WO2013/182571)  
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[25] EN

[54] **METHOD FOR SEPARATING PORTIONS OF A FOOD MASS**

[54] **PROCEDE DE DECOUPE DE PORTIONS D'UNE MASSE DE PRODUIT ALIMENTAIRE**

[72] ZEUSCHNER, ROLAND, DE

[72] ERD, ANDREAS, DE

[71] HOCHLAND SE, DE

[85] 2014-12-02

[86] 2013-06-05 (PCT/EP2013/061570)

[87] (WO2014/001044)

[30] DE (10 2012 105 749.4) 2012-06-29

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[13] A1

[51] **Int.Cl. A61F 13/475 (2006.01)**

[25] EN

[54] **ABSORBENT ARTICLE**

[54] **OBJET ABSORBANT**

[72] JOHANSSON, CHARLOTTE, SE

[72] FREDRIKSON, SUSANNE, SE

[71] SCA HYGIENE PRODUCTS AB, SE

[85] 2014-12-02

[86] 2013-06-05 (PCT/EP2013/061571)

[87] (WO2013/186098)

[30] EP (PCT/EP2012/061010) 2012-06-11

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[51] **Int.Cl. A61F 2/07 (2013.01) A61B 17/12 (2006.01) A61F 2/24 (2006.01) A61F 2/848 (2013.01) A61F 2/966 (2013.01) A61F 2/06 (2013.01) A61F 2/82 (2013.01)**

[25] EN

[54] **ENDOPROSTHESIS AND DELIVERY DEVICE FOR IMPLANTING SUCH ENDOPROSTHESIS**

[54] **ENDOPROTHESE ET DISPOSITIF DE POSE POUR L'IMPLANTATION D'UNE TELLE ENDOPROTHESE**

[72] ANGEL, CLAUDE, FR

[72] FABRE, DOMINIQUE, FR

[71] KARDIOZIS, FR

[85] 2014-12-02

[86] 2013-06-05 (PCT/EP2013/061620)

[87] (WO2013/182614)

[30] FR (1255207) 2012-06-05

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[13] A1

[51] **Int.Cl. G06Q 20/32 (2012.01)**

[25] EN

[54] **A TRANSACTION SYSTEM AND METHOD FOR USE WITH A MOBILE DEVICE**

[54] **SYSTEME ET PROCEDE TRANSACTIONNELS DESTINES A ETRE UTILISES AVEC UN DISPOSITIF MOBILE**

[72] WEINER, AVISH JACOB, IL

[71] ACCELLS TECHNOLOGIES (2009), LTD., IL

[85] 2014-12-02

[86] 2012-06-07 (PCT/IL2012/050199)

[87] (WO2012/168940)

[30] US (61/494,946) 2011-06-09

[30] US (61/504,754) 2011-07-06

[30] US (61/529,258) 2011-08-31

[30] US (61/566,660) 2011-12-04

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[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/473 (2006.01) A61K 47/18 (2006.01) A61K 47/48 (2006.01)**

[25] EN

[54] **COMPOSITIONS COMPRISING APOMORPHINE AND ORGANIC ACIDS AND USES THEREOF**

[54] **COMPOSITIONS COMPRENANT DE L'APOMORPHINE ET DES ACIDES ORGANIQUES, ET LEURS UTILISATIONS**

[72] YACOBY-ZEEVI, ORON, IL

[72] NEMAS, MARA, IL

[71] NEURODERM LTD., IL

[85] 2014-12-02

[86] 2013-06-05 (PCT/IL2013/050487)

[87] (WO2013/183055)

[30] US (61/655,633) 2012-06-05

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[13] A1

[51] **Int.Cl. H04W 72/08 (2009.01)**

[25] EN

[54] **COORDINATED MULTIPOINT RESOURCE MANAGEMENT MEASUREMENT**

[54] **MESURE DE GESTION DE RESSOURCES MULTIPOINT COORDONNEE**

[72] YAMADA, SHOHEI, US

[71] SHARP KABUSHIKI KAISHA, JP

[85] 2014-12-02

[86] 2013-05-27 (PCT/JP2013/003340)

[87] (WO2013/190775)

[30] US (13/531,494) 2012-06-22

[30] US (13/555,960) 2012-07-23

[21] **2,875,448**  
[13] A1

[51] **Int.Cl. C08C 19/02 (2006.01) C08F 297/02 (2006.01)**

[25] EN

[54] **HYDROGENATED BLOCK COPOLYMER AND METHOD FOR PRODUCING SAME**

[54] **COPOLYMERE A BLOCS HYDROGENE ET SON PROCEDE DE FABRICATION**

[72] UEHARA, YOSUKE, JP

[72] SASAKI, HIROMITSU, JP

[71] KURARAY CO., LTD., JP

[71] AMYRIS INC., US

[85] 2014-12-02

[86] 2013-05-31 (PCT/JP2013/065290)

[87] (WO2013/183570)

[30] JP (2012-131178) 2012-06-08

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[13] A1

[51] **Int.Cl. C07K 14/755 (2006.01) A61K 38/37 (2006.01)**

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[54] **FACTOR VIII SEQUENCES**

[54] **SEQUENCES DE FACTEUR VIII**

[72] NATHWANI, AMIT, GB

[72] MCINTOSH, JENNY, GB

[72] TUDDENHAM, EDWARD, GB

[72] DAVIDOFF, ANDREW, US

[71] UCL BUSINESS PLC, GB

[71] ST JUDE CHILDREN'S RESEARCH HOSPITAL, US

[85] 2014-12-02

[86] 2013-06-12 (PCT/GB2013/051551)

[87] (WO2013/186563)

[30] GB (1210357.8) 2012-06-12

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[25] EN  
[54] **NEUTRALIZATION METHOD**  
[54] **PROCEDE DE NEUTRALISATION**  
[72] HIGUCHI, HIROTAKA, JP  
[72] NISHIKAWA, ISAO, JP  
[71] SUMITOMO METAL MINING CO., LTD., JP  
[85] 2014-12-02  
[86] 2013-06-10 (PCT/JP2013/065958)  
[87] (WO2013/187367)  
[30] JP (2012-133125) 2012-06-12

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[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) A61K 39/395 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01) C12N 5/10 (2006.01) C12P 21/08 (2006.01)**

[25] EN  
[54] **ANTIBODY AGAINST TRANSPORTER AND USE THEREOF**  
[54] **ANTICORPS DIRIGE CONTRE UN TRANSPORTEUR ET SON UTILISATION**  
[72] MASUKO, TAKASHI, JP  
[72] NIWA, SHINICHIRO, JP  
[72] HAYASHI, HIDEKI, JP  
[72] OGURA, DAI, JP  
[72] SHINDOU, TAKAYUKI, JP  
[71] KINKI UNIVERSITY, JP  
[71] LINK GENOMICS, INC., JP  
[85] 2014-12-02  
[86] 2013-06-10 (PCT/JP2013/065996)  
[87] (WO2013/183786)  
[30] JP (2012-131424) 2012-06-08

[21] **2,875,452**  
[13] A1

[51] **Int.Cl. B65G 65/48 (2006.01)**

[25] EN  
[54] **ROTARY FEEDER**  
[54] **DISPOSITIF DE DISTRIBUTION ROTATIF**  
[72] KALJUNEN, MARKKU, FI  
[72] KOKKO, PEKKA, FI  
[71] ANDRITZ OY, FI  
[85] 2014-12-02  
[86] 2013-06-24 (PCT/FI2013/050690)  
[87] (WO2014/001630)  
[30] FI (20125706) 2012-06-25

[21] **2,875,453**  
[13] A1

[51] **Int.Cl. C12N 9/90 (2006.01) C12N 15/63 (2006.01) C12P 7/42 (2006.01) C12P 7/52 (2006.01)**

[25] EN  
[54] **BIOTECHNOLOGICAL 2-HYDROXYISOBUTYRIC ACID PRODUCTION**  
[54] **PRODUCTION D'ACIDE 2-HYDROXYISOBUTYRIQUE BIOTECHNOLOGIQUE**  
[72] HAAS, THOMAS, DE  
[72] SCHIEMANN, YVONNE, DE  
[72] PRZYBYLSKI, DENISE, DE  
[72] ROHWERDER, THORE, DE  
[72] MULLER, ROLAND H., DE  
[72] HARMS, HAUKE, DE  
[71] EVONIK INDUSTRIES AG, DE  
[85] 2014-12-02  
[86] 2013-06-14 (PCT/EP2013/062336)  
[87] (WO2013/186340)  
[30] EP (12172192.2) 2012-06-15  
[30] EP (12173010.5) 2012-06-21

[21] **2,875,454**  
[13] A1

[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/7088 (2006.01) A61K 38/00 (2006.01) A61K 47/04 (2006.01) A61K 47/12 (2006.01) A61K 47/18 (2006.01) A61K 47/34 (2006.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01) A61P 43/00 (2006.01)**

[25] EN  
[54] **ADHESIVE PREPARATION COMPOSITION OBTAINED BY BLENDING DRUG, ORGANIC SOLVENT, LIPOPHILIC OINTMENT BASE, AND POWDER**  
[54] **COMPOSITION DE PREPARATION ADHESIVE OBTENUE PAR MELANGE DE MEDICAMENT, DE SOLVANT ORGANIQUE, DE BASE D'ONGUENT LIPOPHILE ET DE POUFRE**  
[72] HAMAMOTO, HIDETOSHI, JP  
[72] YAMANAKA, KATSUHIRO, JP  
[72] TANIMOTO, TAKAHIRO, JP  
[71] MEDRX CO., LTD., JP  
[85] 2014-12-02  
[86] 2013-06-18 (PCT/JP2013/066765)  
[87] (WO2013/191187)  
[30] JP (2012-139215) 2012-06-20

[21] **2,875,455**  
[13] A1

[51] **Int.Cl. C07D 235/12 (2006.01) A61K 31/4184 (2006.01) A61P 35/00 (2006.01)**

[25] EN  
[54] **BENDAMUSTINE DERIVATIVES AND RELATED COMPOUNDS, AND MEDICAL USE THEREOF**  
[54] **DERIVES DE BENDAMUSTINE ET COMPOSES APPARENTES, ET LEUR UTILISATION MEDICALE DANS LE CADRE D'UNE THERAPIE ANTICANCEREUSE**  
[72] SCHICKANEDER, HELMUT, DE  
[72] SCHICKANEDER, CHRISTIAN, DE  
[72] BUSCHAUER, ARMIN, DE  
[72] BERNHARDT, GUNTHER, DE  
[72] HUBER, STEFAN, DE  
[72] LIMMERT, MICHAEL, DE  
[72] LUBBE, MATHIAS, DE  
[72] HOFMEIER, HARALD, DE  
[71] SCHICKANEDER, HELMUT, DE  
[85] 2014-12-02  
[86] 2013-06-14 (PCT/EP2013/062347)  
[87] (WO2013/189847)  
[30] US (61/661 374) 2012-06-19  
[30] US (61/670 158) 2012-07-11

[21] **2,875,456**  
[13] A1

[51] **Int.Cl. B21B 25/00 (2006.01) C22C 38/00 (2006.01) C23C 4/08 (2006.01) C23C 4/10 (2006.01) C23C 4/12 (2006.01)**

[25] EN  
[54] **PIERCING PLUG**  
[54] **EMBOUT DE PERCAGE**  
[72] NOSAKA, ATSUSHI, JP  
[72] HIDAKA, YASUYOSHI, JP  
[72] HIGASHIDA, YASUTO, JP  
[72] OGATA, RYUUTAROU, JP  
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2014-12-02  
[86] 2013-07-16 (PCT/JP2013/069241)  
[87] (WO2014/013963)  
[30] JP (2012-161045) 2012-07-20  
[30] JP (2012-177946) 2012-08-10

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[13] A1

[51] **Int.Cl. B29C 35/08 (2006.01) B29C 45/16 (2006.01) C08J 3/24 (2006.01)**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF PLASTIC COMPOSITE MOLDED BODIES**  
[54] **PROCEDE DE PRODUCTION DE CORPS MOULES COMPOSITES EN PLASTIQUE**  
[72] FRANSSEN, OLIVER, DE  
[72] TRUMM, CLEMENS, DE  
[71] MOMENTIVE PERFORMANCE MATERIALS GMBH, DE  
[85] 2014-12-02  
[86] 2013-06-11 (PCT/EP2013/061951)  
[87] (WO2013/186185)  
[30] DE (10 2012 105 009.0) 2012-06-11

[21] **2,875,460**  
[13] A1

[51] **Int.Cl. F24C 15/20 (2006.01) F24C 7/04 (2006.01)**  
[25] EN  
[54] **OVEN HAVING PYROLYSIS FUNCTION**  
[54] **FOUR AYANT UNE FONCTION DE PYROLYSE**  
[72] LEE, YOUNGHEE, US  
[71] LEE, YOUNGHEE, US  
[85] 2014-12-02  
[86] 2012-11-15 (PCT/KR2012/009625)  
[87] (WO2013/187561)  
[30] KR (10-2012-0062433) 2012-06-12

[21] **2,875,461**  
[13] A1

[51] **Int.Cl. C07D 213/84 (2006.01) A61K 31/416 (2006.01) A61K 31/4164 (2006.01) A61K 31/42 (2006.01) A61K 31/423 (2006.01) A61K 31/4245 (2006.01) A61K 31/4355 (2006.01) A61K 31/4365 (2006.01) A61K 31/44 (2006.01) A61K 31/47 (2006.01) A61K 31/506 (2006.01) C07D 215/22 (2006.01) C07D 231/56 (2006.01) C07D 233/70 (2006.01) C07D 239/34 (2006.01)**  
[25] EN  
[54] **3-O-HETEROARYL-INGENOL**  
[54] **3-O-HETEROARYL-INGENOL**  
[72] LIANG, XIFU, DK  
[72] HOGBERG, THOMAS, DK  
[72] NORREMARK, BJARNE, DK  
[72] MANSSON, KRISTOFFER, DK  
[72] RYTTERSGAARD, CARSTEN, DK  
[72] GRUE-SORENSEN, GUNNAR, DK  
[71] LEO LABORATORIES LIMITED, IE  
[85] 2014-12-02  
[86] 2013-06-21 (PCT/EP2013/062995)  
[87] (WO2014/001215)  
[30] US (61/664,398) 2012-06-26  
[30] US (61/763,206) 2013-02-11

[21] **2,875,465**  
[13] A1

[51] **Int.Cl. H04N 21/235 (2011.01) H04N 21/43 (2011.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PROCESSING AN INTERACTIVE SERVICE**  
[54] **APPAREIL ET PROCEDE DE TRAITEMENT D'UN SERVICE INTERACTIF**  
[72] OH, SEJIN, KR  
[72] PARK, BYUNGSUN, KR  
[72] MOON, KYOUNGSOO, KR  
[72] THOMAS, GOMER, US  
[72] AN, SEUNGJOO, KR  
[72] LEE, JINWON, KR  
[72] KIM, JINPIL, KR  
[72] KIM, KYUNGHO, KR  
[72] JI, AETTIE, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2014-12-02  
[86] 2013-06-24 (PCT/KR2013/005561)  
[87] (WO2014/003394)  
[30] US (61/664,150) 2012-06-25  
[30] US (61/668,442) 2012-07-05  
[30] US (61/680,279) 2012-08-07  
[30] US (61/684,120) 2012-08-16  
[30] US (61/767,260) 2013-02-21

[21] **2,875,467**  
[13] A1

[51] **Int.Cl. H04N 21/472 (2011.01) H04N 21/45 (2011.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PROCESSING AN INTERACTIVE SERVICE**  
[54] **APPAREIL ET PROCEDE DE TRAITEMENT D'UN SERVICE INTERACTIF**  
[72] OH, SEJIN, KR  
[72] KIM, JINPIL, KR  
[72] AN, SEUNGJOO, KR  
[72] LEE, JINWON, KR  
[72] KIM, KYUNGHO, KR  
[72] MOON, KYOUNGSOO, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2014-12-02  
[86] 2013-08-21 (PCT/KR2013/007496)  
[87] (WO2014/030924)  
[30] US (61/691,805) 2012-08-22  
[30] US (61/703,749) 2012-09-20

[21] **2,875,468**  
[13] A1

[51] **Int.Cl. F24H 4/02 (2006.01) F24H 9/20 (2006.01) F25B 9/00 (2006.01)**  
[25] FR  
[54] **METHOD OF REGULATING A PLANT COMPRISING COGENERATING INSTALLATIONS AND THERMODYNAMIC SYSTEMS INTENDED FOR AIR CONDITIONING AND/OR HEATING**  
[54] **PROCEDE DE REGULATION D'UNE INSTALLATION COMPRENANT DES APPAREILS DE COGENERATION ET DES SYSTEMES THERMODYNAMIQUES DESTINES A LA CLIMATISATION ET/OU AU CHAUFFAGE**  
[72] MOREAU, CHRISTIAN, FR  
[71] MOBILE COMFORT HOLDING, FR  
[85] 2014-12-02  
[86] 2013-06-04 (PCT/FR2013/051257)  
[87] (WO2013/182799)  
[30] FR (1255175) 2012-06-04

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[13] A1

[51] **Int.Cl. A61K 9/10 (2006.01) A61K 9/127 (2006.01)**  
[25] EN  
[54] **TAILORED LIPOSOMES FOR THE TREATMENT OF BACTERIAL INFECTIONS**  
[54] **LIPOSOMES ADAPTES AU TRAITEMENT D'INFECTIONS BACTERIENNES**  
[72] BABIYCHUCK, EDUARD, CH  
[72] DRAEGER, ANETTE, CH  
[71] UNIVERSITAET BERN, CH  
[85] 2014-12-02  
[86] 2013-06-13 (PCT/EP2013/062207)  
[87] (WO2013/186286)  
[30] EP (12171924.9) 2012-06-14  
[30] EP (13153039.6) 2013-01-29

[21] **2,875,472**  
[13] A1

[51] **Int.Cl. B63H 1/14 (2006.01) A61M 1/10 (2006.01) B63H 1/16 (2006.01) B63H 1/26 (2006.01) B63H 11/08 (2006.01)**  
[25] EN  
[54] **SHIP SCREW, PUMP SCREW OR TURBINE SCREW**  
[54] **HELICE DE NAVIRE, HELICE DE POMPE OU HELICE DE TURBINE**  
[72] MANSHANDEN, GERARDUS AUGUSTINUS MARIA, NL  
[71] G.A.M. MANSHANDEN MANAGEMENT B.V., NL  
[85] 2014-12-02  
[86] 2013-06-05 (PCT/NL2013/050396)  
[87] (WO2013/183994)  
[30] NL (2008948) 2012-06-06

[21] **2,875,473**  
[13] A1

[51] **Int.Cl. H02G 15/013 (2006.01) F16B 39/24 (2006.01) H02G 3/06 (2006.01)**  
[25] EN  
[54] **PACKER FOR CABLE GLAND AND USE OF THE SAME**  
[54] **GARNITURE D'ETANCHEITE POUR MANCHON DE RACCORDEMENT DE CABLE ET SON UTILISATION**  
[72] LUND, ASBJORN, NO  
[71] TRANBERG AS, NO  
[85] 2014-12-02  
[86] 2013-06-19 (PCT/NO2013/050110)  
[87] (WO2013/191562)  
[30] NO (20120727) 2012-06-22

[21] **2,875,474**  
[13] A1

[51] **Int.Cl. B23B 27/16 (2006.01) B23B 25/02 (2006.01) B23B 27/10 (2006.01) B23B 27/22 (2006.01) B23B 29/04 (2006.01)**  
[25] EN  
[54] **TOOL FOR MACHINING**  
[54] **OUTIL POUR L'USINAGE PAR ENLEVEMENT DE COPEAUX**  
[72] HERBERTH, NADINE, DE  
[72] AGUSTIN-PAYA, JOSE, DE  
[71] CERAMTEC GMBH, DE  
[85] 2014-12-02  
[86] 2013-06-27 (PCT/EP2013/063503)  
[87] (WO2014/001447)  
[30] DE (10 2012 012 908.4) 2012-06-28

[21] **2,875,476**  
[13] A1

[51] **Int.Cl. E02D 27/01 (2006.01) E02D 27/34 (2006.01) E02D 27/35 (2006.01) E04H 9/02 (2006.01)**  
[25] EN  
[54] **MODULAR FOUNDATION RESISTANT TO GROUND MOVEMENT**  
[54] **FONDATION MODULAIRE RESISTANTE AU MOUVEMENT DU SOL**  
[72] BREE, CHARLES CAULDER, NZ  
[71] BREE, CHARLES CAULDER, NZ  
[85] 2014-12-02  
[86] 2012-06-05 (PCT/NZ2012/000082)  
[87] (WO2013/184005)

[21] **2,875,477**  
[13] A1

[51] **Int.Cl. B01J 19/00 (2006.01) B01J 35/02 (2006.01) F28D 7/16 (2006.01) F28F 13/08 (2006.01) H01M 8/06 (2006.01)**  
[25] EN  
[54] **MICROREACTOR**  
[54] **MICROREACTEUR**  
[72] HAMADA, KOKI, JP  
[71] IHI CORPORATION, JP  
[85] 2014-12-02  
[86] 2013-04-08 (PCT/JP2013/060591)  
[87] (WO2013/183350)  
[30] JP (2012-129627) 2012-06-07

[21] **2,875,479**  
[13] A1

[51] **Int.Cl. B03D 1/16 (2006.01)**  
[25] EN  
[54] **FLOTATION MACHINE ROTOR ROTOR DE MACHINE DE FLOTTAISON**  
[72] YOON, ROE-HOAN, US  
[72] LUTTRELL, GERALD, US  
[72] RAGAB, SAAD, US  
[72] TELIONIS, DEMETRI, US  
[72] SAID, ABDEL-HALIM, EG  
[72] MISKOVIC, SANJA, US  
[72] NOBLE, AARON, US  
[72] YANG, YIHONG, US  
[71] VIRGINIA TECH INTELLECTUAL PROPERTIES, INC., US  
[85] 2014-12-02  
[86] 2013-05-08 (PCT/US2013/040057)  
[87] (WO2014/003894)  
[30] US (13/535,566) 2012-06-28

[21] **2,875,480**  
[13] A1

[51] **Int.Cl. B05B 13/02 (2006.01)**  
[25] EN  
[54] **COATING SYSTEM**  
[54] **DISPOSITIF DE REVETEMENT**  
[72] SCHIELE, STEFAN, DE  
[71] JOSEF SCHIELE OHG, DE  
[85] 2014-12-02  
[86] 2013-06-12 (PCT/EP2013/062190)  
[87] (WO2013/186281)  
[30] DE (10 2012 105 243.3) 2012-06-15

[21] **2,875,482**  
[13] A1

[51] **Int.Cl. C09D 17/00 (2006.01)**  
[25] EN  
[54] **PIGMENT DISPERSIONS, THEIR PREPARATION, AND DISPERSANTS**  
[54] **DISPERSIONS DE PIGMENTS, LEUR PREPARATION ET DISPERSANTS ASSOCIES**  
[72] MULLER-CRISTADORO, ANNA, DE  
[72] PIRRUNG, FRANK, DE  
[72] DIETSCHKE, FRANK, DE  
[72] SCHERR, GUNTER, DE  
[71] BASF SE, DE  
[85] 2014-12-02  
[86] 2013-07-08 (PCT/EP2013/064398)  
[87] (WO2014/012812)  
[30] EP (12176528.3) 2012-07-16

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[13] A1

[51] **Int.Cl. C12N 7/01 (2006.01) A61K 39/145 (2006.01) C12N 15/33 (2006.01)**

[25] EN

[54] **INFLUENZA VIRUS MUTANTS AND USES THEREFOR**

[54] **MUTANTS DU VIRUS DE LA GRIPPE ET UTILISATIONS**

[72] BILSEL, PAMUK, US

[72] HATTA, TASUKO, US

[71] FLUGEN, INC., US

[85] 2014-12-02

[86] 2012-06-21 (PCT/US2012/043606)

[87] (WO2012/177924)

[30] US (61/501,034) 2011-06-24

[21] **2,875,486**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/32 (2006.01)**

[25] EN

[54] **NOVEL THERAPEUTIC TREATMENTS WITH ANTI-HER2 ANTIBODIES HAVING A LOW FUCOSYLATION**

[54] **NOUVEAUX TRAITEMENTS THERAPEUTIQUES PAR ANTICORPS ANTI-HER2 A BASSE FUCOSYLATION**

[72] GOLETZ, STEFFEN, DE

[72] DANIELCZYK, ANTJE, DE

[71] GLYCOTOPE GMBH, DE

[85] 2014-12-02

[86] 2013-07-18 (PCT/EP2013/065189)

[87] (WO2014/013019)

[30] US (61/673,216) 2012-07-18

[30] US (61/673,201) 2012-07-18

[30] US (61/673,229) 2012-07-18

[30] EP (12197768.0) 2012-12-18

[21] **2,875,487**  
[13] A1

[51] **Int.Cl. B29C 59/02 (2006.01) F16J 15/08 (2006.01) F16J 15/10 (2006.01)**

[25] EN

[54] **GASKET MATERIAL, GASKETS, AND RELATED METHODS**

[54] **MATERIAU DE JOINT, JOINTS ET PROCEDES CORRESPONDANTS**

[72] AYKANAT, AYDIN, US

[72] YOUNG, JOSEPH D., US

[72] PITOLAJ, STEFAN, US

[72] ROGALSKI, EARL J., US

[71] GARLOCK SEALING TECHNOLOGIES LLC, US

[85] 2014-12-02

[86] 2012-10-19 (PCT/US2012/060989)

[87] (WO2014/003807)

[30] US (61/664,549) 2012-06-26

[21] **2,875,488**  
[13] A1

[51] **Int.Cl. C08J 11/06 (2006.01) B29B 17/00 (2006.01) B29B 17/04 (2006.01)**

[25] FR

[54] **METHOD OF DEVULCANISING VULCANISED RUBBER**

[54] **PROCEDE DE DEVULCANISATION D'UN CAOUTCHOUC VULCANISE**

[72] ARNAUD, DANIEL, FR

[71] SOCIETE PLYMOUTH FRANCAISE, FR

[85] 2014-12-02

[86] 2013-06-10 (PCT/FR2013/051329)

[87] (WO2013/182830)

[30] FR (12/55360) 2012-06-08

[21] **2,875,489**  
[13] A1

[51] **Int.Cl. B29C 70/08 (2006.01) B29D 99/00 (2010.01) B29C 70/30 (2006.01) B29C 70/48 (2006.01) B29C 70/86 (2006.01) F02K 1/70 (2006.01) G10K 11/168 (2006.01)**

[25] FR

[54] **METHOD FOR PRODUCING FOAM PANELS, ESPECIALLY FOR THE FIELD OF AERONAUTICS**

[54] **PROCEDE DE FABRICATION DE PANNEAUX CELLULAIRES, DESTINES NOTAMMENT AU DOMAINE DE L'AERONAUTIQUE**

[72] LERETOUR, DIDIER, FR

[72] ROUSSEL, ALAIN, FR

[72] DUPONT, XAVIER, FR

[71] AIRCELLE, FR

[85] 2014-12-02

[86] 2013-06-11 (PCT/FR2013/051346)

[87] (WO2013/186476)

[30] FR (12/55505) 2012-06-12

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[21] **2,875,490**  
[13] A1

[51] **Int.Cl. G06Q 50/20 (2012.01) G06F 21/62 (2013.01) G06F 17/30 (2006.01)**

[25] EN

[54] **IN-LIBRARY LENDING ACTIVATION**

[54] **ACTIVATION DE PRETS DE LIVRES EN BIBLIOTHEQUE**

[72] MOORE, MATTHEW D., US

[72] BRADLEY, JOEL J., US

[72] CRANE, JENNIFER N., US

[72] KALKUR, NAVEEN, US

[72] MERCER, THOMAS C., US

[72] NEES, TERRY S., US

[72] VAN VLIET, EMILY M., US

[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2014-12-02

[86] 2013-03-11 (PCT/US2013/030106)

[87] (WO2013/184191)

[30] US (13/489,002) 2012-06-05

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[21] **2,875,491**  
[13] A1

[51] **Int.Cl. C10C 3/00 (2006.01) C08L 95/00 (2006.01) C10C 3/02 (2006.01)**  
[25] EN  
[54] **EXFOLIATION OF ASPHALTENES**  
[54] **EXFOLIATION D'ASPHALTENES**  
[72] MAZYAR, OLEG A., US  
[72] AGRAWAL, GAURAV, US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2014-12-02  
[86] 2013-05-16 (PCT/US2013/041376)  
[87] (WO2013/191831)  
[30] US (13/526,847) 2012-06-19

[21] **2,875,492**  
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/31 (2006.01)**  
[25] FR  
[54] **INJECTION ASSEMBLY**  
[54] **ENSEMBLE D'INJECTION**  
[72] HUET, GILDAS, FR  
[71] LABORATOIRE AGUETTANT, FR  
[85] 2014-12-02  
[86] 2013-06-21 (PCT/FR2013/051455)  
[87] (WO2013/190249)  
[30] FR (12/55945) 2012-06-22

[21] **2,875,493**  
[13] A1

[51] **Int.Cl. G01D 5/22 (2006.01) G01D 18/00 (2006.01)**  
[25] FR  
[54] **MONITORING A LINEAR VARIABLE DIFFERENTIAL TRANSFORMER SENSOR**  
[54] **SURVEILLANCE D'UN CAPTEUR DE TYPE TRANSFORMATEUR DIFFERENTIEL VARIABLE LINEAIRE**  
[72] CABRET, VINCENT, FR  
[72] DJELASSI, CEDRIK, FR  
[71] SNECMA, FR  
[85] 2014-12-02  
[86] 2013-06-24 (PCT/FR2013/051466)  
[87] (WO2014/001698)  
[30] FR (12 55996) 2012-06-25

[21] **2,875,494**  
[13] A1

[51] **Int.Cl. C07D 235/02 (2006.01) A61K 31/4184 (2006.01) A61K 31/4439 (2006.01) A61P 25/28 (2006.01) C07D 401/04 (2006.01)**  
[25] EN  
[54] **2H-IMIDAZOL-4-AMINE COMPOUNDS AND THEIR USE AS BACE INHIBITORS**  
[54] **COMPOSES 2H-IMIDAZOL-4-AMINE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE BACE**  
[72] KARLSTROM, SOFIA, GB  
[72] CSJERNYIK, GABOR, GB  
[72] SWAHN, BRITT-MARIE, GB  
[72] SANDBERG, LARS, GB  
[72] KOLMODIN, KARIN, GB  
[72] SODERMAN, PETER, GB  
[72] OHBERG, LISELOTTE, GB  
[71] ASTRAZENECA AB, SE  
[85] 2014-12-02  
[86] 2013-06-20 (PCT/GB2013/051602)  
[87] (WO2013/190298)  
[30] US (61/661,919) 2012-06-20

[21] **2,875,495**  
[13] A1

[51] **Int.Cl. G08B 21/02 (2006.01) G08B 21/22 (2006.01) G08B 25/08 (2006.01)**  
[25] EN  
[54] **ELECTRONIC MONITORING HOME UNIT AND INSTALLATION METHODS**  
[54] **UNITE DOMESTIQUE DE SURVEILLANCE ELECTRONIQUE ET PROCEDES D'INSTALLATION**  
[72] SHECHTER, OMER, IL  
[72] SHUVA, DAVID, IL  
[72] ZYGMAN, MEIR, IL  
[72] ROSENFELD, IDO, IL  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2014-12-02  
[86] 2013-03-12 (PCT/US2013/030479)  
[87] (WO2013/184195)  
[30] US (13/492,060) 2012-06-08

[21] **2,875,496**  
[13] A1

[51] **Int.Cl. G01V 99/00 (2009.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR OPTIMIZING THE NUMBER OF CONDITIONING DATA IN MULTIPLE POINT STATISTICS SIMULATION**  
[54] **SYSTEME ET PROCEDE D'OPTIMISATION DU NOMBRE DE DONNEES DE CONDITIONNEMENT DANS UNE SIMULATION DE STATISTIQUE A POINTS MULTIPLES**  
[72] STREBELLE, SEBASTIEN BRUNO, US  
[72] CAVELIUS, CLAUDE EDWARD, US  
[71] CHEVRON U.S.A. INC., US  
[85] 2014-12-02  
[86] 2013-04-24 (PCT/US2013/038001)  
[87] (WO2013/188008)  
[30] US (13/493,062) 2012-06-11

[21] **2,875,497**  
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4188 (2006.01) C07D 491/107 (2006.01)**  
[25] EN  
[54] **CYCLOHEXANE-1,2'-NAPHTHALENE-1',2''-IMIDAZOLE COMPOUNDS AND THEIR USE AS BACE INHIBITORS**  
[54] **COMPOSES CYCLOHEXANE-1,2'-NAPHTALENE-1',2''-IMIDAZOLE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE BACE**  
[72] KARLSTROM, SOFIA, GB  
[72] SANDBERG, LARS, GB  
[72] SODERMAN, PETER, GB  
[72] KOLMODIN, KARIN, GB  
[72] OHBERG, LISELOTTE, GB  
[71] ASTRAZENECA AB, SE  
[85] 2014-12-02  
[86] 2013-06-20 (PCT/GB2013/051604)  
[87] (WO2013/190300)  
[30] US (61/661,922) 2012-06-20

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[13] A1

[51] **Int.Cl. A47B 47/02 (2006.01)**  
[25] EN  
[54] **FURNITURE STRUCTURE**  
[54] **STRUCTURE DE MEUBLE**  
[72] PICCHIO, CESARE, IT  
[72] MOLteni, PIETRO, IT  
[71] UNIFOR S.P.A., IT  
[85] 2014-12-02  
[86] 2012-12-14 (PCT/IB2012/057309)  
[87] (WO2013/182876)  
[30] IT (MI2012A000985) 2012-06-06

[21] **2,875,499**  
[13] A1

[51] **Int.Cl. G12B 13/00 (2006.01) G01P 21/00 (2006.01)**  
[25] EN  
[54] **CALIBRATION SYSTEM FOR SIMULTANEOUS CALIBRATION OF MULTIPLE MOTION CAPTURE ELEMENTS**  
[54] **SYSTEME DE CALIBRAGE PERMETTANT UN CALIBRAGE SIMULTANE DE MULTIPLES ELEMENTS DE CAPTURE DE MOUVEMENT**  
[72] BENTLEY, MICHAEL, US  
[72] BOSE, BHASKAR, US  
[71] BLAST MOTION, INC., US  
[85] 2014-12-02  
[86] 2013-04-29 (PCT/US2013/038694)  
[87] (WO2013/163656)  
[30] US (13/459,059) 2012-04-27

[21] **2,875,500**  
[13] A1

[51] **Int.Cl. C09K 8/80 (2006.01) E21B 43/26 (2006.01) E21B 43/267 (2006.01)**  
[25] EN  
[54] **PROPPANTS AND ANTI-FLOWBACK ADDITIVES COMPRISING FLASH CALCINED CLAY, METHODS OF MANUFACTURE, AND METHODS OF USE**  
[54] **AGENTS DE SOUTENEMENT ET ADDITIFS ANTIREFLUX COMPRENANT DE L'ARGILE DE CALCINATION ECLAIR, PROCEDES DE FABRICATION ET PROCEDES D'UTILISATION**  
[72] WINDEBANK, MARK, GB  
[72] PARIAS, THOMAS, BE  
[72] HART, JARROD, GB  
[71] IMERYS OILFIELD MINERALS, INC., US  
[85] 2014-12-02  
[86] 2013-06-03 (PCT/US2013/043853)  
[87] (WO2013/184558)  
[30] US (61/655,231) 2012-06-04

[21] **2,875,501**  
[13] A1

[51] **Int.Cl. C01B 3/32 (2006.01) C01B 3/02 (2006.01) C10L 3/00 (2006.01) C12M 1/00 (2006.01) C12M 1/04 (2006.01) C12N 1/12 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR HYDROGEN PRODUCTION AND CARBON SEQUESTRATION**  
[54] **SYSTEME DE PRODUCTION D'HYDROGENE ET DE SEQUESTRATION DE CARBONE**  
[72] MAKOWSKY, MYKOLA, CA  
[72] TURCOTTE, GUY J., CA  
[72] CAMARTA, NEIL, CA  
[71] WESTERN HYDROGEN LIMITED, CA  
[85] 2014-12-02  
[86] 2013-06-04 (PCT/IB2013/001135)  
[87] (WO2013/182882)  
[30] US (61/655,379) 2012-06-04

[21] **2,875,502**  
[13] A1

[51] **Int.Cl. A61K 6/083 (2006.01)**  
[25] EN  
[54] **DENTAL RESTORATIVE COMPOSITE WITH LUMINESCENT CRYSTALS**  
[54] **COMPOSITE POUR RESTAURATION DENTAIRE A CRISTAUX LUMINESCENTS**  
[72] OSTLER, CALVIN, US  
[72] LU, HUI, US  
[71] DENTSPLY INTERNATIONAL INC., US  
[85] 2014-12-02  
[86] 2013-06-04 (PCT/US2013/044052)  
[87] (WO2013/184647)  
[30] US (61/654,986) 2012-06-04

[21] **2,875,503**  
[13] A1

[51] **Int.Cl. H04L 9/00 (2006.01) G06F 21/42 (2013.01) H04L 9/32 (2006.01)**  
[25] EN  
[54] **ENTERPRISE TRIGGERED 2CHK ASSOCIATION ACTIVATION**  
[54] **ASSOCIATION 2CHK DECLENCHEE PAR ENTREPRISE**  
[72] TAPLING, PETER GEORGE, US  
[72] ROLFE, ANDREW ROBERT, US  
[72] GANESAN, RAVI, US  
[71] AUTHENTICIFY, INC., US  
[85] 2014-12-02  
[86] 2013-05-06 (PCT/US2013/039664)  
[87] (WO2013/184265)  
[30] US (13/490,677) 2012-06-07

[21] **2,875,504**  
[13] A1

[51] **Int.Cl. A61K 36/61 (2006.01) A61K 31/353 (2006.01) A61K 31/365 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 9/12 (2006.01) A61P 29/00 (2006.01) A61P 37/02 (2006.01)**  
[25] EN  
[54] **FEIJOA FRUIT EXTRACT**  
[54] **EXTRAIT DE FRUIT DE FEIJOA**  
[72] FOO, LAI YEAP, NZ  
[72] WATSON, RONALD ROSS, US  
[71] CALLAGHAN INNOVATION RESEARCH LIMITED, NZ  
[71] SOUTHWEST SCIENTIFIC EDITING & CONSULTING, LLC, US  
[85] 2014-12-02  
[86] 2013-06-10 (PCT/IB2013/054727)  
[87] (WO2013/186680)  
[30] NZ (600560) 2012-06-11  
[30] NZ (600561) 2012-06-11

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[13] A1

[51] **Int.Cl. A47K 10/36 (2006.01)**  
[25] EN  
[54] **ELECTRONIC TOWEL DISPENSER WITH ADDITIONAL POWER SAVING MODE**  
[54] **DISTRIBUTEUR ELECTRONIQUE DE SERVIETTES PRESENTANT UN MODE ECONOMIE D'ENERGIE ADDITIONNEL**  
[72] TRAMONTINA, PAUL F., US  
[72] ENGELSTEIN, GEOFFREY, US  
[72] O'CONNOR, JOHN, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2014-12-02  
[86] 2013-06-14 (PCT/IB2013/054896)  
[87] (WO2014/001944)  
[30] US (13/537,344) 2012-06-29

[21] **2,875,506**  
[13] A1

[51] **Int.Cl. A61K 36/8964 (2006.01) A61K 36/185 (2006.01) A61K 36/288 (2006.01) A61K 36/29 (2006.01) A61K 36/42 (2006.01) A61K 36/489 (2006.01) A61K 36/515 (2006.01) A61K 36/539 (2006.01) A61K 36/708 (2006.01) A61K 36/718 (2006.01) A61K 36/744 (2006.01) A61K 36/756 (2006.01) A61P 1/00 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR IMPROVING GUT MICROBIOTA POPULATION**  
[54] **PROCEDES ET COMPOSITIONS POUR L'AMELIORATION DE LA POPULATION DU MICROBIOTA DE L'INTESTIN**  
[72] ZHAO, LIPING, CN  
[72] ZHANG, XU, CN  
[72] ZHANG, MENGHUI, CN  
[72] ZHAO, YUFENG, CN  
[72] PANG, XIAOYAN, CN  
[72] ZHANG, XIAOJUN, CN  
[72] WANG, LINGHUA, CN  
[72] NING, GUANG, CN  
[72] LI, XIAOYING, CN  
[72] ZHANG, YIFEI, CN  
[71] SHANGHAI JIAO TONG UNIVERSITY, CN  
[71] PERFECT (CHINA) CO., LTD., CN  
[71] PERFECT (CHINA) CO., LTD., CN  
[85] 2014-12-03  
[86] 2013-06-04 (PCT/CN2013/076709)  
[87] (WO2013/182038)  
[30] CN (201210185004.2) 2012-06-06

[21] **2,875,507**  
[13] A1

[51] **Int.Cl. C07D 471/08 (2006.01) A61K 31/4178 (2006.01) A61P 31/12 (2006.01)**  
[25] EN  
[54] **SOLID FORMS OF AN ANTIVIRAL COMPOUND**  
[54] **FORMES SOLIDES D'UN COMPOSE ANTIVIRAL**  
[72] SCOTT, ROBERT WILLIAM, US  
[72] WANG, FANG, US  
[72] SHI, BING, US  
[72] MOGALIAN, ERIK, US  
[71] GILEAD PHARMASSET LLC, US  
[85] 2014-12-02  
[86] 2013-06-04 (PCT/US2013/044138)  
[87] (WO2013/184698)  
[30] US (61/655,934) 2012-06-05  
[30] US (61/759,295) 2013-01-31  
[30] US (13/800,374) 2013-03-13

[21] **2,875,508**  
[13] A1

[51] **Int.Cl. C07D 403/04 (2006.01) C07D 403/14 (2006.01)**  
[25] EN  
[54] **SYNTHESIS OF ANTIVIRAL COMPOUND**  
[54] **SYNTHESE DE COMPOSE ANTIVIRAL**  
[72] SCOTT, ROBERT WILLIAM, US  
[72] VITALE, JUSTIN PHILIP, US  
[72] MATTHEWS, KENNETH STANLEY, US  
[72] TERESK, MARTIN GERALD, US  
[72] FORMELLA, ALEXANDRA, US  
[72] EVANS, JARED WAYNE, US  
[71] GILEAD PHARMASSET LLC, US  
[85] 2014-12-02  
[86] 2013-06-04 (PCT/US2013/044148)  
[87] (WO2013/184702)  
[30] US (61/655,935) 2012-06-05  
[30] US (13/800,202) 2013-03-13

[21] **2,875,509**  
[13] A1

[51] **Int.Cl. E21B 17/042 (2006.01) E21B 17/06 (2006.01)**  
[25] EN  
[54] **DOWNHOLE SAFETY JOINT**  
[54] **JOINT DE SURETE DE FOND DE TROU**  
[72] SCHULTZ, ROGER L., US  
[72] WATSON, BROCK, US  
[71] THRU TUBING SOLUTIONS, INC., US  
[85] 2014-12-02  
[86] 2013-06-04 (PCT/US2013/044165)  
[87] (WO2013/184714)  
[30] US (13/488,348) 2012-06-04

[21] **2,875,514**  
[13] A1

[51] **Int.Cl. B23K 9/12 (2006.01) B23K 9/133 (2006.01) B23K 9/173 (2006.01) B23K 9/32 (2006.01)**  
[25] EN  
[54] **WELDING SYSTEM AND METHOD WITH A SENSOR FOR SENSING A PARAMETER INDICATIVE OF THE DIAMETER OF A WELDING CONSUMABLE**  
[54] **SYSTEME DE SOUDAGE ET PROCEDE FAISANT APPEL A UN DETECTEUR DESTINE A DETECTER UN PARAMETRE INDIQUANT LE DIAMETRE D'UN CONSOMMABLE DE SOUDAGE**  
[72] HEMMERT, BRADLEY WILLIAM, US  
[72] KADLEC, MARK STEVEN, US  
[71] ILLINOIS TOOL WORKS INC., US  
[85] 2014-12-02  
[86] 2013-06-05 (PCT/US2013/044210)  
[87] (WO2013/184742)  
[30] US (13/491,259) 2012-06-07

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[21] **2,875,516**  
[13] A1

[51] **Int.Cl. A61M 25/00 (2006.01) A61M 25/10 (2013.01) A61M 37/00 (2006.01) A61N 7/00 (2006.01)**

[25] EN

[54] **CATHETER SYSTEMS AND METHODS USEFUL FOR CELL THERAPY**

[54] **CATHETERS ET METHODES UTILISES EN THERAPIE CELLULAIRE**

[72] FISCHER, FRANK J., US

[72] RANDOLPH, JAMES R., US

[72] FEARNOT, NEAL E., US

[72] TAYLOR, JIMMY L., US

[72] SHIRLEY, GARY BRADFORD, US

[71] MUFFIN INCORPORATED, US

[85] 2014-12-02

[86] 2013-06-05 (PCT/US2013/044287)

[87] (WO2013/184782)

[30] US (61/655,976) 2012-06-05

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[21] **2,875,523**  
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) A61P 3/00 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR TREATING DISEASES**

[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DU DIABETE**

[72] BYRNE, BARRY JOHN, US

[72] FALK, DARIN J., US

[72] PACAK, CHRISTINA, US

[72] DERUISSEAU, LARA ROBERT, US

[72] MAH, CATHRYN, US

[72] FULLER, DAVID D., US

[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US

[85] 2014-12-02

[86] 2013-06-19 (PCT/US2013/046592)

[87] (WO2013/192317)

[30] US (13/527,350) 2012-06-19

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[21] **2,875,524**  
[13] A1

[51] **Int.Cl. H04L 12/26 (2006.01) H04L 29/08 (2006.01)**

[25] EN

[54] **BIT TORRENT SCAN WITH CROSS COMPARISON FOR ROBUST DATA MONITORING**

[54] **BALAYAGE DE FICHIERS BITTORRENT A L'AIDE D'UNE COMPARAISON CROISEE PERMETTANT UNE SURVEILLANCE DE DONNEES ROBUSTE**

[72] CHOPRA, ANJU, US

[72] BOBACK, ROBERT J., US

[71] TIVERSA IP, INC., US

[85] 2014-12-02

[86] 2013-06-06 (PCT/US2013/044429)

[87] (WO2013/184870)

[30] US (61/656,675) 2012-06-07

[30] US (61/726,346) 2012-11-14

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[21] **2,875,525**  
[13] A1

[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/90 (2013.01)**

[25] EN

[54] **APPARATUS FOR REPLACING A NATIVE HEART VALVE**

[54] **APPAREIL DE REMPLACEMENT DE VALVULE CARDIAQUE NATIVE**

[72] GREGG, PETER W., US

[72] YANG, JIANHUA, US

[72] WAISBLATT, JARAD, US

[72] SUTTON, BENJAMIN T., US

[72] SALAHIEH, ALI, US

[71] BOSTON SCIENTIFIC SCIMED, INC., US

[85] 2014-12-02

[86] 2013-06-06 (PCT/US2013/044481)

[87] (WO2013/184895)

[30] US (61/656,746) 2012-06-07

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[21] **2,875,527**  
[13] A1

[51] **Int.Cl. A61M 5/168 (2006.01) A61M 39/22 (2006.01) E03B 5/00 (2006.01) F16K 27/00 (2006.01)**

[25] EN

[54] **FLUID FLOW CONTROL BY A NON-PINCHING VALVE**

[54] **COMMANDE DU DEBIT DE FLUIDE AU MOYEN D'UNE VANNE ANTI-PINCEMENT**

[72] MANSOUR, GEORGE, US

[72] ZOLLINGER, CHRIS, US

[72] YEH, JONATHAN, US

[72] CLARKE, CHRISTOPHER J., GB

[71] CAREFUSION 303, INC., US

[85] 2014-12-02

[86] 2013-06-06 (PCT/US2013/044595)

[87] (WO2013/188216)

[30] US (13/525,205) 2012-06-15

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[21] **2,875,528**  
[13] A1

[51] **Int.Cl. B64D 11/06 (2006.01)**

[25] EN

[54] **AIRCRAFT SEATING ARRANGEMENT ACCOMMODATING HIGH-PERCENTILE HIP WIDTHS**

[54] **AGENCEMENT DE SIEGES POUR AERONEF ACCOMMODANT DES LARGEURS DE HANCHES A HAUT CENTILE**

[72] BRAUER, R. KLAUS, US

[71] B/E AEROSPACE, INC., US

[85] 2014-12-02

[86] 2013-06-07 (PCT/US2013/044713)

[87] (WO2013/185035)

[30] US (61/656,609) 2012-06-07

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[13] A1

[51] **Int.Cl. A61K 36/60 (2006.01) A61P 43/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR CONTROLLING A TROPILAEELAPS PARASITIC MITE**

[54] **COMPOSITIONS ET PROCEDES DE LUTTE CONTRE L'ACARIEN PARASITE TROPILAEELAPS**

[72] PROBASCO, GENE, US

[72] AHUMADA, FABIANA, US

[72] SCHANTZ, LLOYD, US

[71] JOHN I. HAAS, INC., US

[85] 2014-12-02

[86] 2013-06-07 (PCT/US2013/044757)

[87] (WO2013/185059)

[30] US (61/656,629) 2012-06-07

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[21] **2,875,532**  
[13] A1

[51] **Int.Cl. E21B 47/14 (2006.01) G01V 1/44 (2006.01) H01Q 21/00 (2006.01)**

[25] EN

[54] **COMMUNICATION IN PIPES USING ACOUSTIC MODEMS THAT PROVIDE MINIMAL OBSTRUCTION TO FLUID FLOW**

[54] **COMMUNICATION PAR DES TUYAUX A L'AIDE DE MODEMS ACOUSTIQUES CREAT UNE OBSTRUCTION MINIMALE A L'ECOULEMENT DE FLUIDE**

[72] BAR-COHEN, YOSEPH, US

[72] ARCHER, ERIC D., US

[72] BAO, XIAOQI, US

[72] SHERRIT, STEWART, US

[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US

[85] 2014-12-02

[86] 2013-06-07 (PCT/US2013/044764)

[87] (WO2013/185064)

[30] US (61/656,940) 2012-06-07

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[13] A1

[51] **Int.Cl. H02B 11/133 (2006.01) H02B 1/54 (2006.01)**

[25] EN

[54] **PERMANENT MAGNET MOC LATCH FOR THE SEISMIC QUALIFICATION OF A WITHDRAWABLE SWITCHGEAR**

[54] **VERROU MOC A AIMANT PERMANENT DESTINE A LA QUALIFICATION SISMIQUE D'UN APPAREIL DE COMMUTATION ECLIPSABLE**

[72] WEBB, JOHN C., US

[71] ABB TECHNOLOGY AG, CH

[85] 2014-12-02

[86] 2013-06-10 (PCT/US2013/044879)

[87] (WO2013/191930)

[30] US (61/660,839) 2012-06-18

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[21] **2,875,540**  
[13] A1

[51] **Int.Cl. B25B 23/14 (2006.01) E21B 19/16 (2006.01) G01L 5/24 (2006.01)**

[25] EN

[54] **PORTABLE TORQUE MEASUREMENT AND NOTIFICATION SYSTEM AND METHOD OF USING SAME**

[54] **SYSTEME PORTABLE DE MESURE ET DE NOTIFICATION DE COUPLE ET PROCEDE D'UTILISATION DE CELUI-CI**

[72] FERGUSON, ANDREW, US

[72] KLIEWER, GREG A., US

[72] SCHULTZ, ROGER L., US

[72] WATSON, BROCK, US

[72] WATSON, ROBERT G., US

[71] THRU TUBING SOLUTIONS, INC., US

[85] 2014-12-02

[86] 2013-06-11 (PCT/US2013/045074)

[87] (WO2013/188334)

[30] US (13/493,363) 2012-06-11

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[13] A1

[51] **Int.Cl. A61K 31/18 (2006.01) A61K 31/4709 (2006.01) A61K 31/7068 (2006.01) A61P 1/16 (2006.01) A61P 31/14 (2006.01)**

[25] EN

[54] **COMBINATION OF THERAPEUTIC AGENTS FOR TREATING HCV INFECTION**

[54] **COMBINAISON D'AGENTS THERAPEUTIQUES POUR LE TRAITEMENT D'UNE INFECTION PAR LE VHC**

[72] SMITH, PATRICK F., US

[72] CHU, TOM W., US

[72] HAMMOND, JANET, US

[71] F. HOFFMAN-LA ROCHE AG, CH

[85] 2014-12-02

[86] 2013-06-11 (PCT/US2013/045169)

[87] (WO2013/188396)

[30] US (61/658,740) 2012-06-12

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[21] **2,875,542**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**

[25] EN

[54] **METHOD OF SEQUENCE DETERMINATION USING SEQUENCE TAGS**

[54] **PROCEDE DE DETERMINATION DE SEQUENCE A L'AIDE D'ETIQUETTES DE SEQUENCE**

[72] FAHAM, MALEK, US

[72] MOORHEAD, MARTIN, US

[72] WILLIS, THOMAS, US

[72] ZHENG, JIANBIAO, US

[71] SEQUENTA, INC., US

[85] 2014-12-02

[86] 2013-06-11 (PCT/US2013/045276)

[87] (WO2013/188471)

[30] US (61/658,317) 2012-06-11

[30] US (61/738,277) 2012-12-17

[30] US (61/776,647) 2013-03-11

[30] US (13/835,093) 2013-03-15

[30] US (61/829,054) 2013-05-30

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[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **ANTIGEN BINDING PROTEINS THAT BIND IGF1R**  
[54] **PROTEINES DE LIAISON A UN ANTIGENE QUI SE LIENT A IGF1R**  
[72] GASTWIRT, RANDY, US  
[72] ZHOU, HEYUE, US  
[72] LU, GUODI, US  
[71] SORRENTO THERAPEUTICS, INC., US  
[85] 2014-12-02  
[86] 2013-06-12 (PCT/US2013/045393)  
[87] (WO2013/191982)  
[30] US (61/662,905) 2012-06-21

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[13] A1

[51] **Int.Cl. G06F 15/173 (2006.01) H04L 12/18 (2006.01) H04M 7/00 (2006.01) H04M 7/12 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR IDENTIFYING AND REMEDIATING TRAFFIC IMBALANCES AND INEQUITIES BETWEEN NETWORKS**  
[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION ET DE REMEDIATION DES DESEQUILIBRES DE TRAFIC ET DES INEGALITES ENTRE RESEAUX**  
[72] SIEGEL, DAVID R., US  
[72] CALLAHAN, JONATHAN, US  
[72] GOWIN, LAWRENCE WAYNE, US  
[72] NOONER, RICKY LYNN, US  
[72] KANE, JOHN, US  
[72] ROYER, KEVIN JOHN, US  
[72] NIXON, MARCELLUS, US  
[71] LEVEL 3 COMMUNICATIONS, LLC, US  
[85] 2014-12-02  
[86] 2013-06-14 (PCT/US2013/045978)  
[87] (WO2013/188821)  
[30] US (61/659,805) 2012-06-14  
[30] US (13/683,903) 2012-11-21

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[21] **2,875,545**  
[13] A1

[51] **Int.Cl. H04L 27/00 (2006.01)**  
[25] EN  
[54] **METHOD, SYSTEM AND APPARATUS FOR AUDIO COMMUNICATION MODULATION MODE SELF-ADAPTATION AND ELECTRONIC SIGNATURE TOKEN**  
[54] **PROCEDE, SYSTEME, DISPOSITIF, ET OUTIL DE SIGNATURE ELECTRONIQUE POUR UNE AUTO-ADAPTATION DE SCHEMA DE MODULATION DE COMMUNICATION AUDIO**  
[72] LI, DONGSHENG, CN  
[71] TENDYRON CORPORATION, CN  
[85] 2014-12-19  
[86] 2013-06-09 (PCT/CN2013/077106)  
[87] (WO2013/189255)  
[30] CN (201210211374.9) 2012-06-21

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[21] **2,875,546**  
[13] A1

[51] **Int.Cl. E21B 43/16 (2006.01)**  
[25] EN  
[54] **A FISCHER-TROPSCH METHOD FOR OFFSHORE PRODUCTION RISERS FOR OIL AND GAS WELLS**  
[54] **PROCEDE FISCHER TROPSCH POUR COLONNES MONTANTES DE PRODUCTION EN MER OU PUIITS DE PETROLE ET DE GAZ**  
[72] HERRMANN, ROBERT P., US  
[71] HERRMANN, ROBERT P., US  
[85] 2014-12-02  
[86] 2013-06-15 (PCT/US2013/046045)  
[87] (WO2013/188862)  
[30] US (61/660,709) 2012-06-16  
[30] US (13/839,825) 2013-03-15

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[21] **2,875,559**  
[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01)**  
[25] EN  
[54] **A METHOD OF PRODUCING VISCOUS HYDROCARBONS BY STEAM-ASSISTED GRAVITY DRAINAGE**  
[54] **PROCEDE DE PRODUCTION D'HYDROCARBURES VISQUEUX PAR DRAINAGE PAR GRAVITE ASSISTE PAR VAPEUR D'EAU**  
[72] MOGENSEN, KRISTIAN, DK  
[72] HANSEN, JENS HENRIK, DK  
[71] MAERSK OLIE OG GAS A/S, DK  
[85] 2014-12-02  
[86] 2013-06-06 (PCT/EP2013/061668)  
[87] (WO2013/182635)  
[30] DK (PA 2012 70302) 2012-06-06  
[30] US (61/656,156) 2012-06-06

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[21] **2,875,563**  
[13] A1

[51] **Int.Cl. G06F 21/42 (2013.01)**  
[25] EN  
[54] **ENHANCED 2CHK AUTHENTICATION SECURITY WITH QUERY TRANSACTIONS**  
[54] **SECURITE D'AUTHENTIFICATION 2CHK AMELIOREE COMPORTANT DES TRANSACTIONS D'INTERROGATION**  
[72] TAPLING, PETER GEORGE, US  
[72] ROLFE, ANDEW ROBERT, US  
[72] GANESAN, RAVI, US  
[72] SHEWARD, SALLY, US  
[71] AUTHENTICIFY, INC., US  
[85] 2014-12-02  
[86] 2013-05-06 (PCT/US2013/039684)  
[87] (WO2013/184267)  
[30] US (13/490,715) 2012-06-07

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[21] **2,875,567**  
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61K 45/06 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS OF INHIBITING MASP-1 AND/OR MASP-2 AND/OR MASP-3 FOR THE TREATMENT OF VARIOUS DISEASES AND DISORDERS**

[54] **COMPOSITIONS ET PROCEDES POUR L'INHIBITION DE MASP-1 ET/OU MASP-2 ET/OU MASP-3 POUR LE TRAITEMENT DE DIVERS TROUBLES ET MALADIES**

[72] SCHWAEBLE, HANS-WILHELM, GB

[72] DEMOPULOS, GREGORY A., US

[72] DUDLER, THOMAS, US

[72] GRAY, PATRICK, US

[71] OMEROS CORPORATION, US

[71] UNIVERSITY OF LEICESTER, GB

[85] 2014-12-02

[86] 2013-06-18 (PCT/US2013/046432)

[87] (WO2013/192240)

[30] US (61/661,167) 2012-06-18

[21] **2,875,569**  
[13] A1

[51] **Int.Cl. C07D 211/60 (2006.01) A61K 31/45 (2006.01) A61P 19/00 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **PHENOXYETHYL PIPERIDINE COMPOUNDS**

[54] **COMPOSES PHENOXYETHYL PIPERIDINE**

[72] SCHIFFLER, MATTHEW ALLEN, US

[72] YORK, JEREMY SCHULENBURG, US

[71] ELI LILLY AND COMPANY, US

[85] 2014-12-02

[86] 2013-06-20 (PCT/US2013/046684)

[87] (WO2014/004229)

[30] US (61/665,951) 2012-06-29

[30] US (61/779,099) 2013-03-13

[21] **2,875,572**  
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/402 (2006.01) A61K 31/4025 (2006.01) A61K 31/445 (2006.01) A61K 31/4709 (2006.01) A61P 29/00 (2006.01) C07D 207/08 (2006.01) C07D 211/42 (2006.01) C07D 211/46 (2006.01)**

[25] EN

[54] **DIMETHYL-BENZOIC ACID COMPOUNDS**

[54] **COMPOSES ACIDE DIMETHYL-BENZOIQUE**

[72] BLANCO-PILLADO, MARIA-JESUS, US

[72] VETMAN, TATIANA NATALI, US

[72] FISHER, MATTHEW JOSEPH, US

[72] KUKLISH, STEVEN LEE, US

[71] ELI LILLY AND COMPANY, US

[85] 2014-12-02

[86] 2013-06-20 (PCT/US2013/046685)

[87] (WO2014/004230)

[30] US (61/665,956) 2012-06-29

[30] US (61/778,969) 2013-03-13

[21] **2,875,584**  
[13] A1

[51] **Int.Cl. G06Q 50/24 (2012.01)**

[25] EN

[54] **AUTOMATED CLINICAL EVIDENCE SHEET WORKFLOW**

[54] **FLUX DE TRAVAUX AUTOMATISE DE FEUILLE DE DONNEES CLINIQUES**

[72] JAGANNATHAN, VASUDEVAN, US

[72] FRITSCH, JUERGEN, US

[71] MMODAL IP LLC, US

[85] 2014-12-02

[86] 2013-06-28 (PCT/US2013/048617)

[87] (WO2014/005040)

[30] US (61/666,303) 2012-06-29

[30] US (13/928,776) 2013-06-27

[21] **2,875,585**  
[13] A1

[51] **Int.Cl. B25C 1/18 (2006.01) B25C 1/14 (2006.01)**

[25] EN

[54] **INDIRECT FIRING FASTENING TOOL WITH ANTI-FIRING TRIGGER SUPPORT**

[54] **OUTIL DE FIXATION A TIR INDIRECT MUNI DE SUPPORT DE GACHETTE ANTI-TIR**

[72] HERELIER, PATRICK, FR

[72] ROUSSON, LUDOVIC, FR

[71] ILLINOIS TOOL WORKS INC., US

[85] 2014-12-02

[86] 2013-07-25 (PCT/US2013/052102)

[87] (WO2014/018778)

[30] FR (1257198) 2012-07-25

[21] **2,875,586**  
[13] A1

[51] **Int.Cl. G06M 1/02 (2006.01) G06M 1/04 (2006.01) G06M 1/16 (2006.01) A61M 15/00 (2006.01)**

[25] EN

[54] **DOSE INDICATOR DEVICE**

[54] **DISPOSITIF INDICATEUR DE DOSES**

[72] HATELY, GRAHAM, GB

[72] WARBY, RICHARD, GB

[71] CONSORT MEDICAL PLC, GB

[85] 2014-12-03

[86] 2013-05-31 (PCT/GB2013/051459)

[87] (WO2013/182843)

[30] GB (1209995.8) 2012-06-06

[21] **2,875,587**  
[13] A1

[51] **Int.Cl. A23L 1/168 (2006.01) A23L 1/10 (2006.01) A23L 1/164 (2006.01)**

[25] EN

[54] **GRAIN-BASED HOT CEREAL COMPOSITIONS HAVING REDUCED FOAMING**

[54] **COMPOSITIONS DE CEREALES CHAUDES A BASE DE CEREALES, A MOUSSAGE REDUIT**

[72] DUFFY, DAVID KLAUS, US

[72] MCGURK MOEN, MOLLY ELIZABETH, US

[71] MOM BRANDS COMPANY, US

[85] 2014-12-02

[86] 2013-08-02 (PCT/US2013/053506)

[87] (WO2014/022821)

[30] US (61/679,467) 2012-08-03

[30] US (13/791,169) 2013-03-08

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[21] **2,875,588**  
[13] A1

[51] **Int.Cl. C07D 235/02 (2006.01) A61K 31/4184 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **CYCLOHEXANE-1,2'-INDENE-1',2''-IMIDAZOLE COMPOUNDS AND THEIR USE AS BACE INHIBITORS**

[54] **COMPOSES CYCLOHEXANE-1,2'-INDENE-1',2''-IMIDAZOL ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE BACE**

[72] KARLSTROM, SOFIA, GB  
[72] SODERMAN, PETER, GB  
[72] RAKOS, LASZLO, GB  
[72] OHBERG, LISELOTTE, GB  
[72] KOLMODIN, KARIN, GB  
[72] SANDBERG, LARS, GB  
[71] ASTRAZENECA AB, SE  
[85] 2014-12-03  
[86] 2013-06-20 (PCT/GB2013/051603)  
[87] (WO2013/190299)  
[30] US (61/661,920) 2012-06-20

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[21] **2,875,589**  
[13] A1

[51] **Int.Cl. C07D 401/10 (2006.01) A61K 31/4439 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **CAMSYLATE SALT**

[54] **SEL DE CAMSYLATE**

[72] BOHLIN, MARTIN HANS, GB  
[72] STEWART, CRAIG ROBERT, GB  
[71] ASTRAZENECA AB, SE  
[85] 2014-12-03  
[86] 2013-06-20 (PCT/GB2013/051606)  
[87] (WO2013/190302)  
[30] US (61/662,592) 2012-06-21

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[21] **2,875,590**  
[13] A1

[51] **Int.Cl. D21C 3/04 (2006.01) C08B 1/00 (2006.01) C08B 3/14 (2006.01)**

[25] EN

[54] **METHODS FOR REMOVING HEMICELLULOSE**

[54] **PROCEDES PERMETTANT DE RETIRER L'HEMICELLULOSE**

[72] LI, RONGFU, US  
[72] MEHTA, JAY, US  
[72] TU, XIAOYAN, US  
[72] BANSAL, PRABUDDHA, US  
[72] COMBS, MICHAEL, US  
[72] FALLON, DENIS, US  
[72] KIZER, LAWTON E., US  
[71] CELANESE INTERNATIONAL CORPORATION, US  
[85] 2014-12-02  
[86] 2013-08-20 (PCT/US2013/055838)  
[87] (WO2014/031672)  
[30] US (61/684,993) 2012-08-20  
[30] US (13/827,881) 2013-03-14  
[30] US (13/827,767) 2013-03-14

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[21] **2,875,591**  
[13] A1

[51] **Int.Cl. A23L 1/10 (2006.01) A23G 3/48 (2006.01) A23L 1/164 (2006.01) A23L 1/36 (2006.01)**

[25] EN

[54] **GRANOLA COMPOSITION AND BAR CONTAINING STEEL CUT OATS AND PROCESS FOR MAKING THE SAME**

[54] **COMPOSITION ET BARRE DE CEREALES GRANOLA CONTENANT DE L'AVOINE EPOINTEE ET LEUR PROCEDE DE FABRICATION**

[72] DUFFY, DAVID KLAUS, US  
[72] MATASOVSKY, JOEL STEFAN, US  
[71] MOM BRANDS COMPANY, US  
[85] 2014-12-02  
[86] 2013-12-04 (PCT/US2013/073127)  
[87] (WO2014/089218)  
[30] US (61/733,685) 2012-12-05  
[30] US (13/791,056) 2013-03-08

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[21] **2,875,592**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR REDUCING CREDITING ERRORS DUE TO SPILLOVER USING AUDIO CODES AND/OR SIGNATURES**

[54] **PROCEDES ET SYSTEMES POUR REDUIRE LES ERREURS DE CREDIT DUES AUX DEBORDEMENTS AU MOYEN DE CODES ET/OU DE SIGNATURES AUDIO**

[72] NIELSEN, CHRISTEN V., US  
[71] THE NIELSEN COMPANY (US), LLC, US  
[85] 2014-12-02  
[86] 2014-03-10 (PCT/US2014/022704)  
[87] (WO2014/159254)  
[30] US (13/828,702) 2013-03-14  
[30] AU (2013204919) 2013-04-12

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[21] **2,875,593**  
[13] A1

[51] **Int.Cl. B25B 27/00 (2006.01) B25B 7/02 (2006.01)**

[25] EN

[54] **LUG NUT CAP REMOVER PLIERS**

[54] **PINCE D'EXTRACTION DE CALOTTE D'ECROU DE ROUE**

[72] RAMPERSAD, NEIL, CA  
[72] ST. GELAIS, DAN, CA  
[71] RAMPERSAD, NEIL, CA  
[71] ST. GELAIS, DAN, CA  
[85] 2014-12-03  
[86] 2012-06-26 (PCT/IB2012/053213)  
[87] (WO2014/001839)

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[21] **2,875,594**  
[13] A1

[51] **Int.Cl. A61F 2/02 (2006.01) A61F 2/30 (2006.01) A61F 2/32 (2006.01) A61F 2/34 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **A METHOD, GUIDE, GUIDE INDICIA GENERATION MEANS, COMPUTER READABLE STORAGE MEDIUM, REFERENCE MARKER AND IMPACTOR FOR ALIGNING AN IMPLANT**

[54] **PROCEDE, GUIDE, MOYEN DE GENERATION D'INDICES DE GUIDAGE, SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR, MARQUEUR DE REFERENCE ET IMPACTEUR POUR ALIGNER UN IMPLANT**

[72] MILES, BRAD PETER, US  
[72] O'CONNOR, PETER BEDE, US  
[72] ROE, JUSTIN, US  
[72] FRITSCH, BRETT, US  
[72] WALTER, LEN, US  
[72] MAREL, ED, US  
[72] SOLOMON, MICHAEL, US  
[72] CHEUNG, BRIAN, US  
[72] BERGEON, MILTON SCOTT, US  
[72] PIERREPONT, JAMES WILLIAM, US  
[71] OPTIMIZED ORTHO PTY LTD, AU  
[85] 2014-12-03  
[86] 2012-10-03 (PCT/AU2012/001198)  
[87] (WO2013/181684)  
[30] AU (2012902337) 2012-06-05

[21] **2,875,595**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) A61B 5/00 (2006.01) G06F 5/00 (2006.01) G06T 1/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR VIEWING MEDICAL IMAGES**

[54] **SYSTEME ET PROCEDE DE VISUALISATION D'IMAGES MEDICALES**

[72] COLACO, VERNON, US  
[72] ACCOMAZZI, VITTORIO, CA  
[71] INTERNATIONAL MEDICAL SOLUTIONS, INC., CA  
[85] 2014-12-03  
[86] 2013-01-04 (PCT/IB2013/000695)  
[87] (WO2014/006465)  
[30] US (13/541,719) 2012-07-04

[21] **2,875,596**  
[13] A1

[51] **Int.Cl. B03C 3/70 (2006.01) B03C 3/34 (2006.01) F23J 15/00 (2006.01)**

[25] EN

[54] **ARRANGEMENT AND METHOD IN ELECTRIC FILTER**

[54] **AGENCEMENT ET PROCEDE DANS FILTRE ELECTRIQUE**

[72] TOLVANEN, JUHA, FI  
[71] VALMET POWER OY, FI  
[85] 2014-12-03  
[86] 2013-06-26 (PCT/FI2013/050700)  
[87] (WO2014/001638)  
[30] FI (20125741) 2012-06-28

[21] **2,875,597**  
[13] A1

[51] **Int.Cl. B63B 21/66 (2006.01) B63B 27/36 (2006.01)**

[25] FR

[54] **SYSTEM FOR LAUNCHING AND RETRIEVING SUBMARINE VEHICLES, IN PARTICULAR TOWED SUBMARINE VEHICLES**

[54] **SYSTEME DE MISE A L'EAU ET DE RECUPERATION D'ENGINS SOUS-MARINS, NOTAMMENT D'ENGINS SOUS-MARINS TRACTES**

[72] SOREAU, DIDIER, FR  
[72] JEZEQUEL, OLIVIER, FR  
[72] JOURDAN, MICHAEL, FR  
[71] THALES, FR  
[85] 2014-12-01  
[86] 2013-05-31 (PCT/EP2013/061272)  
[87] (WO2013/178792)  
[30] FR (1201573) 2012-06-01

[21] **2,875,598**  
[13] A1

[51] **Int.Cl. B08B 9/032 (2006.01)**

[25] FR

[54] **METHOD FOR THE DYNAMIC CLEANING OF WATER LINES IN A VEHICLE AND DEVICE FOR THE IMPLEMENTATION THEREOF**

[54] **PROCEDE DE NETTOYAGE DYNAMIQUE DES CANALISATIONS D'EAU D'UN VEHICULE ET DISPOSITIF PERMETTANT DE LE METTRE EN OEUVRE**

[72] BOUKARI, MOROU, FR  
[71] PRODOSE, FR  
[85] 2014-12-03  
[86] 2012-06-05 (PCT/FR2012/051253)  
[87] (WO2012/168645)  
[30] FR (1154902) 2011-06-06

[21] **2,875,599**  
[13] A1

[51] **Int.Cl. A61K 38/26 (2006.01)**

[25] EN

[54] **PEGYLATED OXM VARIANTS**

[54] **VARIANTS D'OXM PEGYLES**

[72] FIMA, UDI EYAL, IL  
[72] HERSHKOVITZ, OREN, IL  
[71] OPKO BIOLOGICS LTD., IL  
[85] 2014-12-03  
[86] 2013-06-04 (PCT/IL2013/050481)  
[87] (WO2013/183052)  
[30] US (61/655,367) 2012-06-04

[21] **2,875,600**  
[13] A1

[51] **Int.Cl. B01D 11/04 (2006.01) B01F 3/04 (2006.01) B01F 3/08 (2006.01)**

[25] EN

[54] **MIXER SETTLER COLUMN**

[54] **COLONNE DE DEPOSITION DE MELANGEUR**

[72] HULBERT, DAVID GORDON, ZA  
[71] MINTEK, ZA  
[85] 2014-12-02  
[86] 2013-04-30 (PCT/ZA2013/000029)  
[87] (WO2013/166528)  
[30] ZA (2012/03142) 2012-05-02

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[21] **2,875,601**  
[13] A1  
[51] **Int.Cl. B23D 77/00 (2006.01) B23D 77/04 (2006.01)**  
[25] FR  
[54] **CALIBRATION HEAD FOR THE DRILLING OF SHAFTS**  
[54] **TETE DE CALIBRAGE POUR LE FORAGE D'ARBRES**  
[72] DEJAUNE, CLAUDE GERARD RENE, FR  
[72] LEHOUX, GERARD, FR  
[71] SNECMA, FR  
[85] 2014-12-03  
[86] 2013-06-05 (PCT/FR2013/051276)  
[87] (WO2013/182810)  
[30] FR (1255195) 2012-06-05

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[21] **2,875,602**  
[13] A1  
[51] **Int.Cl. B65D 41/04 (2006.01)**  
[25] EN  
[54] **SAFETY CAP**  
[54] **BOUCHON DE SECURITE**  
[72] TADA, KAORI, JP  
[72] TAKAHATA, OSAMU, JP  
[71] SHINKO CHEMICAL CO., LTD., JP  
[85] 2014-12-03  
[86] 2012-11-21 (PCT/JP2012/080187)  
[87] (WO2013/183180)  
[30] JP (2012-129510) 2012-06-07

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[21] **2,875,603**  
[13] A1  
[51] **Int.Cl. C12N 9/10 (2006.01) C12P 19/04 (2006.01)**  
[25] EN  
[54] **GENETICALLY MODIFIED MICROORGANISMS CAPABLE OF PRODUCING BETA-GLUCANS AND METHODS FOR PRODUCING BETA-GLUCANS**  
[54] **MICROORGANISMES GENETIQUEMENT MODIFIES POUVANT PRODUIRE DES BETA-GLUCANES ET PROCEDES POUR LA PRODUCTION DE BETA-GLUCANES**  
[72] BROCKMANN, BEATA, US  
[72] HEROLD, ANDREA, DE  
[72] ZELDER, OSKAR, DE  
[72] HAEFNER, STEFAN, DE  
[72] FLECK, CHRISTIAN, DE  
[72] SCHRODER, HARTWIG, DE  
[72] GRANSTROM, MARI, FI  
[72] SCHMIDT, JULIA KRISTIANE, DE  
[71] WINTERSHALL HOLDING GMBH, DE  
[71] BASF SE, DE  
[85] 2014-12-01  
[86] 2013-07-03 (PCT/EP2013/064024)  
[87] (WO2014/006088)  
[30] EP (12174882.6) 2012-07-04

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[21] **2,875,604**  
[13] A1  
[51] **Int.Cl. A61K 8/04 (2006.01) A61K 8/81 (2006.01) A61K 9/10 (2006.01) A61K 9/70 (2006.01) A61K 47/32 (2006.01) B01F 17/28 (2006.01) B01F 17/30 (2006.01) C08F 265/06 (2006.01) C08J 5/18 (2006.01)**  
[25] FR  
[54] **AQUEOUS DISPERSION OF POLYMER PARTICLES, FILM-FORMING COMPOSITION CONTAINING SAME AND USES THEREOF**  
[54] **DISPERSION AQUEUSE DE PARTICULES DE POLYMERES, COMPOSITION FILMOGENE LA CONTENANT ET SES UTILISATIONS**  
[72] LEIBLER, LUDWIK, FR  
[72] TOURNILHAC, FRANCOIS, FR  
[72] TRIFTARIDOU, AGGELIKI, FR  
[72] LEUSCHNER, EVA-MARIA, DE  
[72] AUGUSTE, STEPHANE, FR  
[72] PERNOT, JEAN-MARC, FR  
[71] VIVATECH, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR  
[71] ECOLE SUPERIEURE DE PHYSIQUE ET CHIMIE INDUSTRIELLES DE LA VILLE DE PARIS, FR  
[85] 2014-12-03  
[86] 2013-06-07 (PCT/FR2013/051325)  
[87] (WO2013/182828)  
[30] FR (12 55393) 2012-06-08

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[21] **2,875,605**  
[13] A1  
[51] **Int.Cl. F03B 13/20 (2006.01)**  
[25] EN  
[54] **WAVE POWER GENERATOR**  
[54] **GENERATEUR A ENERGIE HOULOMOTRICE**  
[72] FRTUNIK, DALIBOR, AU  
[72] BRAWLEY, GEORGE, AU  
[71] DDNT CONSULTANTS AUSTRALIA PTY LTD, AU  
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[30] AU (2012902349) 2012-06-05

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[25] EN  
[54] **METHODS FOR SUPPRESSING DEHYDROGENATION**  
[54] **PROCEDES DE SUPPRESSION DE DESHYDROGENATION**

[72] DREYER, BRADON J., US  
[72] PEASE, BRIAN M., US  
[71] ELEVANCE RENEWABLE SCIENCES, INC., US

[85] 2014-12-03  
[86] 2013-06-06 (PCT/US2013/044432)  
[87] (WO2013/188200)  
[30] US (61/658,658) 2012-06-12  
[30] US (61/658,778) 2012-06-12  
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[30] US (61/658,730) 2012-06-12

[21] **2,875,607**  
[13] A1

[51] **Int.Cl. C01B 31/02 (2006.01)**

[25] EN  
[54] **METHOD FOR PRODUCING CARBON MATERIAL USING CATALYST, AND CARBON MATERIAL**  
[54] **PROCEDE DE PRODUCTION DE MATERIAU CARBONE AU MOYEN D'UN CATALYSEUR ET MATERIAU CARBONE**

[72] KYOTANI, MUTSUMASA, JP  
[72] AKAGI, KAZUO, JP  
[72] KIMURA, SHINICHI, JP  
[71] NIPPON PAPER INDUSTRIES CO., LTD., JP

[85] 2014-12-03  
[86] 2013-06-05 (PCT/JP2013/065579)  
[87] (WO2013/183668)  
[30] JP (2012-128253) 2012-06-05

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[13] A1

[51] **Int.Cl. B26D 1/29 (2006.01) B27B 33/14 (2006.01) B65D 39/00 (2006.01)**

[25] EN  
[54] **METHOD OF PREPARING A CLOSURE FOR A PRODUCT-RETAINING CONTAINER**  
[54] **PROCEDE DE PREPARATION D'UNE FERMETURE DESTINEE A UN RECIPIENT DE CONSERVATION DE PRODUIT**

[72] BOST, DAMON JAMES, US  
[72] KESKAR, NISHA AMOL, US  
[71] NOMACORC LLC, US

[85] 2014-12-03  
[86] 2013-06-06 (PCT/US2013/044475)  
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[30] US (61/657,298) 2012-06-08

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[13] A1

[51] **Int.Cl. B65G 47/19 (2006.01) B65G 65/42 (2006.01) G01G 11/08 (2006.01)**

[25] EN  
[54] **SYSTEM OF UNLOADING BULK MATERIAL**  
[54] **SYSTEME DE DECHARGEMENT DE MATERIAU EN VRAC**

[72] LOPES, BRUNO EDUARDO, BR  
[71] VALE S.A., BR  
[71] LOPES, BRUNO EDUARDO, BR

[85] 2014-12-03  
[86] 2013-05-24 (PCT/BR2013/000181)  
[87] (WO2013/181728)  
[30] US (61/655,350) 2012-06-04

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[13] A1

[51] **Int.Cl. H04W 72/12 (2009.01) H04W 72/04 (2009.01)**

[25] EN  
[54] **COMMUNICATION SYSTEM, MOBILE STATION APPARATUS, BASE STATION APPARATUS, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT**  
[54] **SYSTEME DE COMMUNICATION, APPAREIL DE STATION MOBILE, APPAREIL DE STATION DE BASE, PROCEDE DE COMMUNICATION ET CIRCUIT INTEGRE**

[72] NAKASHIMA, DAIICHIRO, JP  
[72] SHIMEZAWA, KAZUYUKI, JP  
[72] NOGAMI, TOSHIZO, JP  
[72] IMAMURA, KIMIHIKO, JP  
[71] SHARP KABUSHIKI KAISHA, JP

[85] 2014-12-03  
[86] 2013-06-07 (PCT/JP2013/065787)  
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[30] JP (2012-129718) 2012-06-07

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[13] A1

[51] **Int.Cl. G06Q 20/12 (2012.01) G06Q 20/32 (2012.01) G06Q 20/40 (2012.01) H04L 29/08 (2006.01)**

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[54] **SYSTEMS AND METHODS FOR SECURE REMOTE PAYMENTS**  
[54] **SYSTEMES ET PROCEDES POUR DES PAIEMENTS A DISTANCE SECURISES**

[72] STAFFORD, EAMON, IE  
[72] BREEN, LARRY, IE  
[71] TRAPEZE SOFTWARE ULC, CA

[85] 2014-12-03  
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[54] **FIELD OF VIEW TRAFFIC SIGNAL PREEMPTION**  
[54] **COMMANDE PRIORITAIRE DE FEUX DE CIRCULATION DE CHAMP DE VISION**

[72] EICHHORST, KEVIN CLARE, US  
[71] GLOBAL TRAFFIC TECHNOLOGIES, LLC, US

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[51] **Int.Cl. C01B 17/765 (2006.01)**  
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[54] **PROCESS FOR THE OXIDATION OF SO2 TO SO3**  
[54] **PROCEDE POUR L'OXYDATION DE SO2 EN SO3**  
[72] MOLLERHOJ, MARTIN, DK  
[71] HALDOR TOPSOE A/S, DK  
[85] 2014-12-03  
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[87] (WO2013/182502)  
[30] EP (PCT/EP2012/060703) 2012-06-06

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[51] **Int.Cl. H01R 12/59 (2011.01) H05K 1/18 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR ELECTRICALLY CONNECTING A FLEXIBLE CIRCUIT TO A RECEIVER**  
[54] **APPAREIL POUR LA CONNEXION ELECTRIQUE D'UN CIRCUIT FLEXIBLE A UN RECEPTEUR**  
[72] RITNER, WILLIAM, US  
[71] HIREL CONNECTORS, INC., US  
[85] 2014-12-03  
[86] 2013-03-05 (PCT/US2013/029155)  
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[13] A1

[51] **Int.Cl. C09K 8/34 (2006.01) C04B 28/02 (2006.01) C04B 40/06 (2006.01) C09K 8/42 (2006.01) C09K 8/46 (2006.01)**  
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[54] **METHODS OF USING OIL-BASED WELLBORE CEMENT COMPOSITIONS**  
[54] **PROCEDES D'UTILISATION DE COMPOSITIONS DE CIMENT DE Puits DE Forage A Base D'Huile**  
[72] REDDY, B. RAGHAVA, US  
[72] EOFF, LARRY S., US  
[72] PASCARELLA, NATALIE, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2014-12-03  
[86] 2013-05-29 (PCT/US2013/043152)  
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[30] US (61/655,190) 2012-06-04  
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[13] A1

[51] **Int.Cl. H04W 8/20 (2009.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR USE IN TRANSFERRING AN ASSIGNMENT OF A SECURE CHIP BETWEEN SUBSCRIPTION MANAGERS**  
[54] **PROCEDES ET APPAREIL DESTINES A ETRE UTILISES DANS LE TRANSFERT D'UNE ATTRIBUTION D'UNE Puce SECURISEE ENTRE DES GESTIONNAIRES D'ABONNEMENT**  
[72] CORMIER, JEAN-PHILIPPE PAUL, CA  
[72] HOLE, DAVID PHILIP, GB  
[72] RUSSELL, NICHOLAS JAMES, GB  
[72] O'LOUGHLIN, DANIEL FRANCIS, US  
[71] BLACKBERRY LIMITED, CA  
[71] CERTICOM CORP., CA  
[85] 2014-12-03  
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[13] A1

[51] **Int.Cl. C12N 9/22 (2006.01) A61K 48/00 (2006.01) C12N 15/90 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF LYSSOSOMAL STORAGE DISEASES**  
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE MALADIES LYSSOSOMALES**  
[72] REBAR, EDWARD J., US  
[71] SANGAMO BIOSCIENCES, INC., US  
[85] 2014-12-03  
[86] 2013-03-15 (PCT/US2013/032381)  
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[13] A1

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[25] EN  
[54] **AMINOTRIAZOLOPYRIDINE FOR USE IN THE TREATMENT OF INFLAMMATION, AND PHARMACEUTICAL COMPOSITIONS THEREOF**  
[54] **AMINOTRIAZOLOPYRIDINE POUR L'UTILISATION DANS LE TRAITEMENT DE L'INFLAMMATION, ET COMPOSITIONS PHARMACEUTIQUES ASSOCIEES**  
[72] VAN 'T KLOOSTER, GERBEN ALBERT ELEUTHERIUS, BE  
[72] BRYNS, REGINALD CHRISTOPHE XAVIER, BE  
[72] VAN ROMPAEY, LUC JULIAAN CORINA, BE  
[72] NAMOUR, FLORENCE SYLVIE, FR  
[71] GALAPAGOS NV, BE  
[85] 2014-12-03  
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[13] A1

[51] **Int.Cl. C12Q 1/02 (2006.01) C12M 1/34 (2006.01) G01N 1/34 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR QUANTIFICATION OF REPLICATIVE LIFESPAN AND OBSERVATION OF SENESCENCE**  
[54] **APPAREIL ET PROCEDE POUR LA DETERMINATION QUANTITATIVE DE LA DUREE DE VIE REPLICATIVE ET L'OBSERVATION DE LA SENESCENCE**  
[72] PETTIGREW, MICHAEL JAMES, CA  
[72] PETTIGREW, CHRISTOPHER DOUGLAS, CA  
[71] CYTOSPAN TECHNOLOGIES CORPORATION, CA  
[85] 2014-12-03  
[86] 2013-06-20 (PCT/CA2013/050474)  
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[30] US (61/662,137) 2012-06-20

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[13] A1

[51] **Int.Cl. B01F 7/16 (2006.01) B01F 3/12 (2006.01) B01F 5/12 (2006.01) B01F 15/02 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR CENTRIFUGAL BLENDING SYSTEM**

[54] **PROCEDE ET APPAREIL POUR SYSTEME DE MELANGE CENTRIFUGE**

[72] STEGEMOELLER, CALVIN, US

[72] HEITMAN, CHAD, US

[72] STEPHENSON, STANLEY, US

[72] HORINEK, HERBERT, US

[71] HALIBURTON ENERGY SERVICES, INC., US

[85] 2014-12-03

[86] 2013-05-03 (PCT/US2013/039436)

[87] (WO2014/042707)

[30] US (13/609,460) 2012-09-11

[21] **2,875,624**  
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 31/00 (2006.01) A61K 31/19 (2006.01) A61K 39/21 (2006.01)**

[25] EN

[54] **HIV VACCINE**

[54] **VACCIN CONTRE LE VIH**

[72] SORENSEN, BIRGER, NO

[72] OKVIST, MATS, NO

[72] HOVDEN, ARNT OVE, NO

[72] GRONVOLD, MAJA SOMMERFELT, NO

[72] HOIE, LARS, NO

[72] LUNDEMOSE, ANKER, NO

[72] HANSEN, VIDAR WENDEL, NO

[71] BIONOR IMMUNO AS, NO

[85] 2014-12-03

[86] 2013-06-06 (PCT/EP2013/061750)

[87] (WO2013/182660)

[30] US (61/656,242) 2012-06-06

[30] US (61/768,905) 2013-02-25

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[13] A1

[51] **Int.Cl. C08K 3/04 (2006.01)**

[25] FR

[54] **ELASTOMERIC COMPOSITION WITH IMPROVED THERMAL CONDUCTIVITY**

[54] **COMPOSITION ELASTOMERIQUE PRESENTANT UNE CONDUCTIVITE THERMIQUE AMELIOREE**

[72] JOSEPH, AURELIE, FR

[72] DE GAUDEMARIS, BENOIT, FR

[72] SEVIGNON, MARC, FR

[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR

[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH

[85] 2014-12-03

[86] 2013-06-10 (PCT/EP2013/061875)

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[30] FR (1255473) 2012-06-12

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[13] A1

[51] **Int.Cl. C07F 13/00 (2006.01) C07B 61/00 (2006.01)**

[25] EN

[54] **PROCESSES AND REAGENTS FOR MAKING DIARYLIODONIUM SALTS**

[54] **PROCEDES ET REACTIFS POUR PREPARER DES SELS DE DIARYLIODONIUM**

[72] DIMAGNO, STEPHEN, US

[71] NUTECH VENTURES, US

[85] 2014-12-03

[86] 2013-05-30 (PCT/US2013/043348)

[87] (WO2013/184484)

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[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **METHOD FOR MEASUREMENT OF PEPTIDIC DEGRADATION PRODUCTS OF A PROTEOLYTIC CASCADE IN BLOOD SAMPLES**

[54] **PROCEDE DE MESURE DE PRODUITS DE DEGRADATION PEPTIDIQUE D'UNE CASCADE PROTEOLYTIQUE DANS DES ECHANTILLONS SANGUINS**

[72] POGLITSCH, MARKO, AT

[72] SCHWAGER, CORNELIA, AT

[72] LOIBNER, HANS, AT

[72] SCHUSTER, MANFRED, AT

[71] ATTOQUANT DIAGNOSTICS GMBH, AT

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[87] (WO2013/182237)

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[25] EN

[54] **SEPARATOR**

[54] **SEPARATEUR**

[72] MACKEL, WILFRIED, DE

[72] BATHELT, THOMAS, DE

[72] QUITER, KATHRIN, DE

[72] VOLTMANN, ANGELIKA, DE

[72] HOMANN, THOMAS, DE

[72] MEIER, ULRICH, DE

[71] GEA MECHANICAL EQUIPMENT GMBH, DE

[85] 2014-12-03

[86] 2012-10-11 (PCT/EP2012/070182)

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[30] DE (10 2012 105 499.1) 2012-06-25

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[25] EN

[54] **IMIDAZO-OXADIAZOLE AND IMIDAZO-THIADIAZOLE DERIVATIVES**

[54] **DERIVES D'IMIDAZO-OXYDIAZOLE ET D'IMIDAZO-THIADIAZOLE**

[72] QUATTROPANI, ANNA, CH

[72] SWINNEN, DOMINIQUE, BE

[71] ARES TRADING S.A., CH

[85] 2014-12-03

[86] 2013-05-23 (PCT/EP2013/001521)

[87] (WO2013/182274)

[30] EP (12170840.8) 2012-06-05

[30] US (61/655,544) 2012-06-05

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[13] A1

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[25] FR

[54] **THERMALLY EXPANDABLE RUBBER COMPOSITION AND VEHICLE TYRE THE TREAD OF WHICH CONTAINS SUCH A COMPOSITION**

[54] **COMPOSITION DE CAOUTCHOUC THERMO-EXPANSIBLE ET PNEUMATIQUE POUR VEHICULE DONT LA BANDE DE ROULEMENT COMPORTE UNE TELLE COMPOSITION**

[72] OCHIAI, CHIKA, JP

[72] PAGANO, SALVATORE, JP

[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR

[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH

[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR

[85] 2014-12-03

[86] 2013-06-18 (PCT/EP2013/062585)

[87] (WO2013/189912)

[30] FR (1255922) 2012-06-22

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[13] A1

[51] **Int.Cl. F16B 31/02 (2006.01) F16B 33/02 (2006.01) H01R 4/36 (2006.01)**

[25] EN

[54] **SHEARABLE SCREW, ASSOCIATED SYSTEM AND DEVICE FOR SCREW-CONNECTING ELECTRICAL CONDUCTORS WITH SUCH A SHEARABLE SCREW**

[54] **VIS FRANGIBLE, SYSTEME ASSOCIE AINSI QUE DISPOSITIF DE SERRAGE PAR VIS DE CONDUCTEURS ELECTRIQUES COMPRENANT UNE TELLE VIS FRANGIBLE**

[72] FRANK, ERICH, DE

[71] PFISTERER KONTAKTSYSTEME GMBH, DE

[85] 2014-12-03

[86] 2013-06-24 (PCT/EP2013/001858)

[87] (WO2014/000881)

[30] DE (10 2012 013 176.3) 2012-06-29

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[13] A1

[51] **Int.Cl. H02J 3/00 (2006.01) H02J 3/32 (2006.01)**

[25] EN

[54] **ELECTRIC POWER SUPPLY NETWORK LINKED TO A TRANSPORT SYSTEM**

[54] **RESEAU D'ALIMENTATION ELECTRIQUE LIE A UN SYSTEME DE TRANSPORT**

[72] CHATTOT, ERIC, FR

[72] CLOUTOT, LAURENT, CH

[72] CORNETET, VALERIE, FR

[72] URIEN, NICOLAS, FR

[71] SIEMENS S.A.S., FR

[85] 2014-12-03

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[87] (WO2013/182343)

[30] EP (12290186.1) 2012-06-05

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[13] A1

[51] **Int.Cl. F16L 58/00 (2006.01)**

[25] EN

[54] **PIPELINE AND METHODS**

[54] **CONDUITE ET PROCEDES**

[72] HESJEVIK, SVEN MORTEN, NO

[72] LEVOLD, ERIK, NO

[72] KVAALE, PER EGIL, NO

[71] TECHNIP NORGE AS, NO

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[13] A1

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[25] EN  
[54] **BLANK, APPARATUS AND METHOD FOR CONSTRUCTING CONTAINER**

[54] **FLAN, APPAREIL ET METHODE DE FABRICATION D'UN CONTENEUR**

[72] BARNER, JAMES W., US  
[71] ROCK-TENN SHARED SERVICES, LLC, US  
[22] 2007-03-27  
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[62] 2,582,841  
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[13] A1

[51] **Int.Cl. B29C 47/92 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR IN-PROCESS VISION INSPECTION FOR AUTOMATED MACHINES**

[54] **SYSTEMES ET PROCEDES PERMETTANT D'ASSURER UNE INSPECTION VISUELLE EN COURS DE TRAITEMENT POUR DES MACHINES AUTOMATISEES**

[72] ENGELBART, ROGER W., US  
[72] HANNEBAUM, REED, US  
[72] POLLOCK, TIM, US  
[71] THE BOEING COMPANY, US  
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[62] 2,615,114  
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[51] **Int.Cl. E21B 36/00 (2006.01) E21B 43/24 (2006.01)**  
[25] EN  
[54] **SYSTEMS, METHODS AND PROCESSES FOR USE IN TREATING SUBSURFACE FORMATIONS**

[54] **SYSTEMES, METHODES ET**

**PROCESSUS SERVANT DANS LE TRAITEMENT DES FORMATIONS SOUTERRAINES**

[72] WONG, SAU-WAI, US  
[72] CARL, FREDERICK GORDON, JR., US  
[72] SIKKA, VINOD KUMAR, US  
[72] SCHOEBER, WILLEM JAN ANTOON HENRI, US  
[72] MENOTTI, JAMES LOUIS, US  
[72] COWAN, KENNETH, US  
[72] DEEG, WOLFGANG, US  
[72] ROES, AUGUSTINUS WILHELMUS MARIA, US  
[72] MAZIASZ, PHILLIP JAMES, US  
[72] STEGEMEIER, GEORGE LEO, US  
[72] MUNSHI, ABDUL WAHID, US  
[72] LI, RUIJIAN, US  
[72] SCHOELING, LANNY GENE, US  
[72] WATKINS, RONNIE WADE, US  
[72] DE ROUFFIGNAC, ERIC PIERRE, US  
[72] LAMBRITH, GENE, US  
[72] PINGO-ALMADA, MONICA M., US  
[72] JOHN, RANDY CARL, US  
[72] FOWLER, THOMAS DAVID, US  
[72] HIRSHBLOND, STEPHEN PALMER, US  
[72] MCKINZIE, BILLY JOHN, II, US  
[72] BAKER, RALPH S., US  
[72] MANDEMA, REMCO HUGO, US  
[72] MASON, STANLEY LEROY, US  
[72] RYAN, ROBERT CHARLES, US  
[72] SANDBERG, CHESTER LEDLIE, US  
[72] HERRON, GOREM, US  
[72] GILES, STEVEN PAUL, US  
[72] KIM, DONG-SUB, US  
[72] MO, WEIJIAN, US  
[72] NAIR, VIJAY, US  
[72] MUYLLE, MICHEL SERGE MARIE, US  
[72] VITEK, JOHN MICHAEL, US  
[72] FARMAYAN, WALTER, US  
[72] VINEGAR, HAROLD J., US  
[72] BOND, WIM, NL  
[72] SHINGLEDECKER, JOHN PAUL, US  
[72] SAMUEL, ALLAN JAMES, MY  
[72] NELSON, RICHARD GENE, US  
[72] MINDERHOUD, JOHANNES KORNELIS, NL  
[72] DEN BOESTART, JOHANNES LEENDERT WILLEM CORNELIS, NL  
[72] SIDDOWAY, MARK ALAN, US  
[72] COIT, WILLIAM GEORGE, US  
[72] GOEL, NAVAL, US

[72] BASS, RONALD M., US  
[72] GRIFFIN, PETER TERRY, GB  
[72] ABBASI, FARAZ, US  
[72] XIE, XUEYING, US  
[72] KELTNER, THOMAS J., US  
[72] HARRIS, CHRISTOPHER KELVIN, US  
[72] FAIRBANKS, MICHAEL DAVID, US  
[72] BRIGNAC, JOSEPH P., JR., US  
[72] HAMILTON, PAUL TAYLOR, US  
[72] MILLER, DAVID SCOTT, US  
[72] SANTELLA, MICHAEL LEONARD, US  
[72] DIAZ, ZAIDA, US  
[72] KARANIKAS, JOHN MICHAEL, US  
[72] GINESTRA, JEAN-CHARLES, US  
[72] DEL PAGGIO, ALAN, US  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[22] 2006-10-20  
[41] 2007-10-04  
[62] 2,626,319  
[30] US (60/729,763) 2005-10-24  
[30] US (60/794,298) 2006-04-21

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[21] **2,871,788**  
[13] A1

[51] **Int.Cl. A46B 15/00 (2006.01) A46B 9/04 (2006.01)**  
[25] EN  
[54] **ORAL CARE IMPLEMENT HAVING A TISSUE CLEANSER**

[54] **INSTRUMENT D'HYGIENE DENTAIRE DOTE D'UN NETTOYEUR DE TISSUS**

[72] HOHLBEIN, DOUGLAS J., US  
[72] MINTEL, THOMAS E., US  
[72] BAERTSCHI, ARMIN, CH  
[72] MOSKOVICH, ROBERT, US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[22] 2005-12-21  
[41] 2006-07-06  
[62] 2,592,165  
[30] US (11/019,671) 2004-12-23

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[21] **2,871,864**  
[13] A1

[51] **Int.Cl. C07J 63/00 (2006.01) A61K 31/575 (2006.01) A61P 29/00 (2006.01)**

[25] EN

[54] **NOVEL FORMS OF CDDO METHYL ESTER**

[54] **NOUVELLES FORMES D'ESTER METHYLIQUE DE CDDO**

[72] WALLING, JOHN, US

[72] PARENT, STEPHAN D., US

[72] JONAITIS, DAVID T., US

[72] KRAL, ROBERT M., US

[71] REATA PHARMACEUTICALS, INC., US

[22] 2008-08-14

[41] 2009-02-19

[62] 2,696,330

[30] US (60/955,939) 2007-08-15

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[21] **2,871,928**  
[13] A1

[51] **Int.Cl. E21B 7/06 (2006.01) E21B 21/10 (2006.01) E21B 23/02 (2006.01) E21B 29/06 (2006.01) E21B 31/107 (2006.01) E21B 31/113 (2006.01)**

[25] EN

[54] **SIGNAL OPERATED TOOLS FOR MILLING, DRILLING, AND/OR FISHING OPERATIONS**

[54] **OUTILS ACTIONNES PAR SIGNAL, POUR DES OPERATIONS DE BROYAGE, DE FORAGE ET/OU DE REPECHAGE**

[72] REDLINGER, THOMAS M., US

[72] KOITHAN, THOMAS, US

[72] VREELAND, CHRISTOPHER M., US

[72] HEISKELL, WES, US

[72] ANTOINE, ANDREW, US

[72] MCINTIRE, SCOTT, US

[71] WEATHERFORD/LAMB, INC., US

[22] 2009-05-05

[41] 2009-11-12

[62] 2,722,612

[30] US (61/050,511) 2008-05-05

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[21] **2,872,125**  
[13] A1

[51] **Int.Cl. A61F 2/07 (2013.01) A61F 2/88 (2006.01) A61L 27/06 (2006.01) A61L 27/14 (2006.01)**

[25] EN

[54] **BIFURCATED HIGHLY CONFORMABLE MEDICAL DEVICE BRANCH ACCESS**

[54] **BRANCHEMENT POUR DISPOSITIF MEDICAL HAUTEMENT CONFORMABLE A BIFURCATION**

[72] HAGAMAN, LOGAN R., US

[72] HARTMAN, CODY L., US

[72] JACOBY, RUSSELL L., US

[72] WOLFE, ROARK N., US

[72] DAUGHERTY, JOHN R., US

[72] KOVACH, LARRY J., US

[71] GORE ENTERPRISE HOLDINGS, INC., US

[22] 2010-10-08

[41] 2011-04-14

[62] 2,775,786

[30] US (61/250,313) 2009-10-09

[30] US (12/818,551) 2010-06-18

[30] US (12/818,575) 2010-06-18

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[21] **2,872,434**  
[13] A1

[51] **Int.Cl. A61J 1/20 (2006.01) A61M 5/32 (2006.01)**

[25] EN

[54] **PIERCING MEMBER PROTECTION DEVICE**

[54] **DISPOSITIF DE PROTECTION D'ELEMENT PERFORANT**

[72] ELLSTROM, ANNA, SE

[72] ROSENQUIST, TOBIAS, SE

[71] CARMEL PHARMA AB, SE

[22] 2007-09-11

[41] 2009-03-19

[62] 2,698,939

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[21] **2,872,521**  
[13] A1

[51] **Int.Cl. C12N 15/53 (2006.01) C12N 15/113 (2010.01) A01H 5/00 (2006.01) A24B 15/10 (2006.01) C12N 5/04 (2006.01) C12N 5/10 (2006.01) C12N 9/02 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**

[25] EN

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[54] **REDUCTION DE NIVEAUX D'ALCALOIDES NICOTINIQUES DANS DES PLANTES**

[72] HASHIMOTO, TAKASHI, JP

[72] KATO, AKIRA, JP

[71] 22ND CENTURY LIMITED, LLC, US

[22] 2006-02-28

[41] 2006-10-19

[62] 2,599,302

[30] US (60/656,536) 2005-02-28

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[21] **2,872,998**  
[13] A1

[51] **Int.Cl. A61M 5/14 (2006.01) A61K 38/18 (2006.01) A61M 25/00 (2006.01) A61P 9/10 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **CATHETER AND GUIDE TUBE FOR INTRACEREBRAL APPLICATION**

[54] **CATHETER ET TUBE DE GUIDAGE DESTINES A DES APPLICATIONS INTRACEREBRALES**

[72] GILL, STEVEN STREATFIELD, GB

[71] RENISHAW (IRELAND) LIMITED, IE

[22] 2003-03-11

[41] 2003-09-25

[62] 2,475,855

[30] GB (0205772.7) 2002-03-12

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[21] **2,873,003**  
[13] A1

[51] **Int.Cl. A61J 1/20 (2006.01) A61J 1/14 (2006.01) A61G 12/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR SAFE MEDICAMENT TRANSPORT**  
[54] **SYSTEMES ET PROCEDES POUR LE TRANSPORT SUR D'UN MEDICAMENT**  
[72] GARFIELD, JARED, US  
[72] SLUMP, JOHN, US  
[72] LYON, GREGORY, US  
[71] J&J SOLUTIONS, INC., US  
[22] 2009-05-14  
[41] 2009-11-19  
[62] 2,723,997  
[30] US (61/053,022) 2008-05-14  
[30] US (61/120,058) 2008-12-05

[21] **2,873,448**  
[13] A1

[51] **Int.Cl. G06Q 40/04 (2012.01)**  
[25] EN  
[54] **ELECTRONIC COMPLETION OF CASH VERSUS FUTURES BASIS TRADES**  
[54] **EXECUTION ELECTRONIQUE DE MISES SUR L'ECART BASEES SUR UNE COMPARAISON ENTRE L'ARGENT COMPTANT ET DES CONTRATS A TERME**  
[72] GOODMAN, RICHARD P., US  
[72] SWEETING, MICHAEL, US  
[71] BGC PARTNERS, INC., US  
[22] 2005-09-12  
[41] 2006-03-13  
[62] 2,518,772  
[30] US (10/940,574) 2004-09-13

[21] **2,873,516**  
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01) A01N 37/18 (2006.01) A01N 39/02 (2006.01) A01N 41/10 (2006.01) A01N 43/80 (2006.01) A01N 47/28 (2006.01) A01N 57/20 (2006.01) A01P 13/00 (2006.01)**  
[25] EN  
[54] **SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING CERTAIN PYRIDINE OR PYRIMIDINE CARBOXYLIC ACIDS AND CERTAIN CEREAL AND RICE HERBICIDES**  
[54] **COMPOSITION HERBICIDE SYNERGIQUE CONTENANT CERTAINS ACIDES PYRIDINE CARBOXYLIQUES OU PYRIMIDINE CARBOXYLIQUES ET CERTAINS HERBICIDES POUR CEREALES ET RIZ**  
[72] SATCHIVI, NORBERT M., US  
[72] SCHMITZER, PAUL R., US  
[72] YERKES, CARLA N., US  
[72] WRIGHT, TERRY R., US  
[71] DOW AGROSCIENCES LLC, US  
[22] 2008-08-22  
[41] 2009-03-05  
[62] 2,693,519  
[30] US (60/966,340) 2007-08-27

[21] **2,873,992**  
[13] A1

[51] **Int.Cl. C10G 1/00 (2006.01) C02F 11/12 (2006.01) C10G 1/04 (2006.01)**  
[25] EN  
[54] **SYSTEM AND INTEGRATED METHOD FOR TREATMENT OF TAILINGS FROM BITUMEN EXTRACTION PROCESS**  
[54] **SYSTEME ET PROCEDE INTEGRE POUR LE TRAITEMENT DES RESIDUS ISSUS D'UN PROCEDE D'EXTRACTION DE BITUME**  
[72] ESMAEILI, PAYMAN, CA  
[72] SPEIRS, BRIAN C., CA  
[72] GHOSH, MAINAK, CA  
[72] LIN, CHRISTOPHER, CA  
[72] STEA, GIOVANNA, CA  
[71] IMPERIAL OIL RESOURCES LIMITED, CA  
[22] 2013-04-22  
[41] 2014-10-22  
[62] 2,813,828

[21] **2,874,050**  
[13] A1

[51] **Int.Cl. B61D 15/06 (2006.01) B61D 17/06 (2006.01)**  
[25] EN  
[54] **CRASH STRUCTURE FOR A RAILCAR**  
[54] **STRUCTURE DE COLLISION POUR UN WAGON**  
[72] KOUDOLO, DANIEL, CA  
[72] HILARIO, VIRGILIO, CA  
[72] HERARD, GILLES, CA  
[72] GAGNON, ANDRE, CA  
[71] BOMBARDIER TRANSPORTATION GMBH, DE  
[22] 2014-06-06  
[41] 2014-08-20  
[62] 2,853,950  
[30] US (13/912,291) 2013-06-07

[21] **2,874,683**  
[13] A1

[51] **Int.Cl. A61L 9/013 (2006.01) A61F 13/15 (2006.01) A61L 15/46 (2006.01) C12N 9/78 (2006.01) A61L 15/60 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND PARTICLES CONTAINING CELLULOSIC FIBERS AND STABILIZED-AND/OR ACTIVATED-UREASE INHIBITORS, AS WELL AS METHODS OF MAKING AND USING THE SAME**  
[54] **COMPOSITIONS ET PARTICULES CONTENANT DES FIBRES CELLULOSIQUES ET DES INHIBITEURS STABILISES ET/OU ACTIVES D'UREASE AINSI QUE LEURS PROCEDES DE FABRICATION ET D'UTILISATION**  
[72] TAN, ZHENG, US  
[72] GOYAL, GOPAL C., US  
[72] SHAVER, LINNEA J., US  
[71] INTERNATIONAL PAPER COMPANY, US  
[22] 2008-05-23  
[41] 2008-12-18  
[62] 2,687,995  
[30] US (60/931,682) 2007-05-23

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[21] **2,875,172**

[13] A1

[51] **Int.Cl. B27C 1/12 (2006.01)**

[25] EN

[54] **TAPERED ROLL FEED**

[54] **ROULEAU D'ENTRAINEMENT  
CONIQUE**

[72] SAASTAMO, PETRI, US

[71] USNR/KOCKUMS CANCAR  
COMPANY, US

[22] 2011-05-24

[41] 2011-11-24

[62] 2,741,075

[30] US (12/786,240) 2010-05-24

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[21] **2,875,287**

[13] A1

[51] **Int.Cl. C13B 20/06 (2011.01) C13B  
50/00 (2011.01) C13B 99/00 (2011.01)  
A23L 1/09 (2006.01) A23L 3/00  
(2006.01) A23L 3/16 (2006.01) A23L  
3/26 (2006.01) A23L 3/32 (2006.01)  
A61K 8/97 (2006.01) C12N 1/00  
(2006.01) C12N 5/02 (2006.01)**

[25] EN

[54] **PROCESS FOR THE  
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[54] **PROCEDE DE PASTEURISATION  
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[72] BELAND, GENEVIEVE, CA

[72] BARBEAU, JULIE, CA

[71] FEDERATION DES PRODUCTEURS  
ACERICOLES DU QUEBEC, CA

[22] 2013-06-26

[41] 2013-09-06

[62] 2,819,730

[30] US (61/762,695) 2013-02-08

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AEP INDUSTRIES INC.	2,855,465	CANADIAN SHIELD HEALTH CARE SERVICES INC.	2,819,727	DULL, KENNETH M.	2,852,755
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AGUILAR VEGA, MANUEL DE JESUS	2,820,698	CAULFEILD, STEPHEN	2,852,324	DURIN-FRANCE, AGNES	2,855,293
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SANGAMO BIOSCIENCES,		FRANCAISE	2,875,488	THE NIELSEN COMPANY	
INC.	2,875,618	SODERMAN, PETER	2,875,494	(US), LLC	2,875,367
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